M.P.BHOJ (OPEN) UNIVERSITY, BHOPAL

BACHELOR OF COMPUTER APPLICATION (B.C.A.)

PROJECT ON

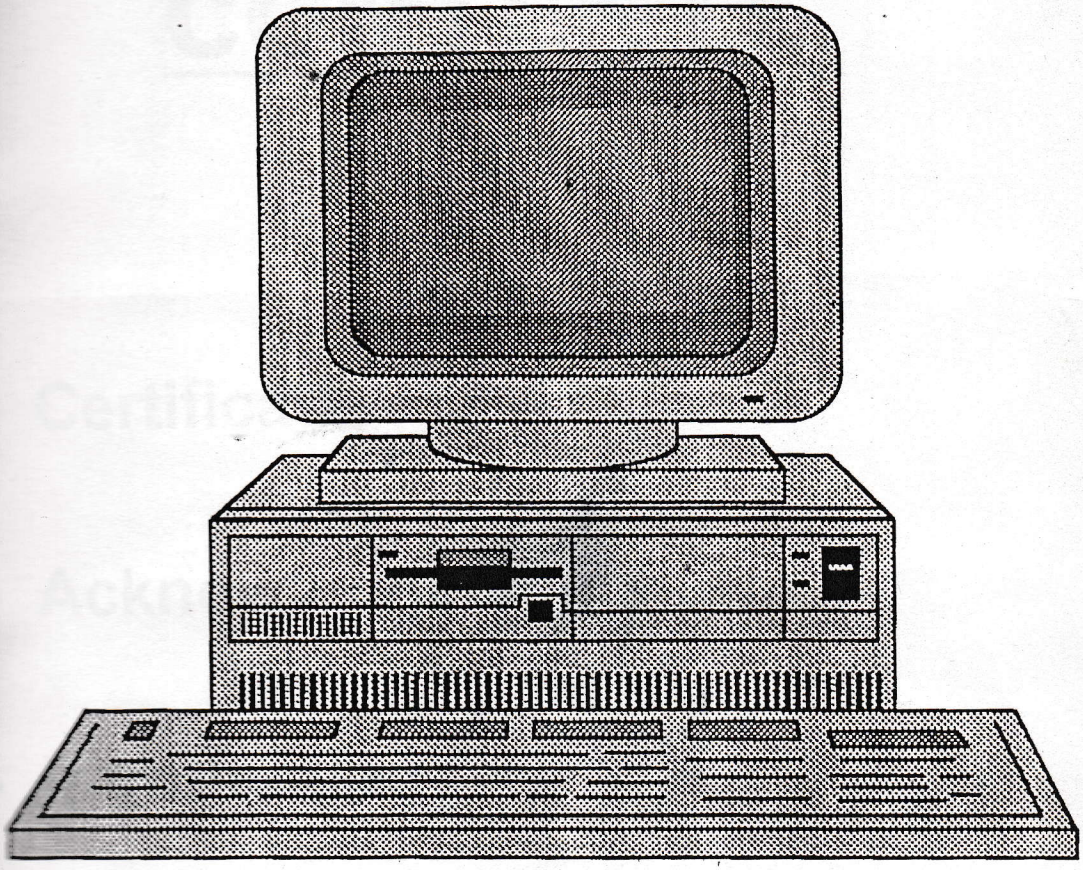
APPLICATION OF HOSPITAL MANAGEMENT

SUBMITTED BY

REETA PAMNANI (97011104038)

GUIDED BY

Dr. RAJEEV SHRIVASTAVA



WELCOME TO THE PROJECT

DEVELOPED BY :---

REETA PAMNANI

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CERTIFICATE

CERTIFICATE
2000 -2001

This to certify that the project report entited "APPLICATION OF HOSPITAL MANAGEMENT " Submitted to M.P. BHOJ OPEN UNIVERSITY, BHOPAL" For the award of BACHELOR OF COMPUTER APPLICATION (BCA) project work carried out by MISS REETA PAMNANI Rec. No. 97011104038 Respectively under my Guidence.

DATE : 25.9.2k

PLACE : BHOPAL

DR. RAJEEV SHRIVASTAVA

DEWANI HOSPITAL & REASEARCH CENTER

CERTIFICATE
2000 -2001

This to certify that MISS REETA PAMNANI D/O L.D. PAMNANI student of B.C.A. Final Year from BHOJ UNIVERSITY, BHOPAL has compeleted a project on "HOSPITAL MANAGEMENT" with our hospital.

With Regards,
For DEWANI HOSPITAL & REASEARCH CENTER

C.P. DEWANI

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ACKNOWLEDGEMENT

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I am very special thanks to DR C.P. DEWANI ,for his encouragement and support, I am thankful to each other the encouragement, support and smooth co-ordination throughout the development of this project, and all the other who have contributed to my project in my many ways

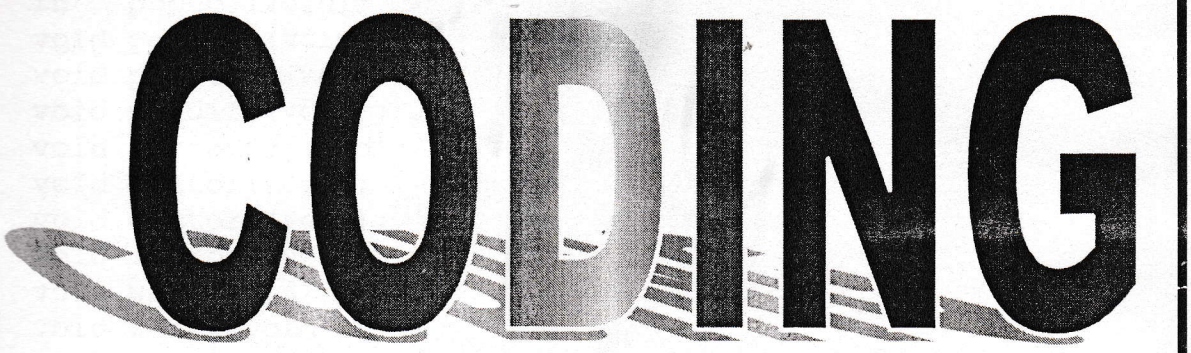
REETA PAMNANI

INTRODUCTION

System-introduction

Dewani Hospital & research centre is a leading private hospital in the city .It provides paid cure to the patients. There are number of well – qualified doctors in the hospital. Hospital has specialised section, which deal with different types of problems. Example-Surgery, Orthopedics, Cancer etc Each section has a ward in it. It contains beds and other facilities, so those patients can be admitted there for treatment.

When patient come to hospital for treatment, according to disease, respective department's doctor attends that patient. If the doctor feels that patient should be admitted in the hospital for further treatment, he sends that patient along with an admission slip to ward incharge. Ward incharge admits that patient in the appropriate ward. When patient's treatment is over and is discharged from the, ward incharge produces a bill for patient.


CODING

```
#include  <stdlib.h>
#include  <stdio.h>
#include  <string.h>
#include  <conio.h>
#include  <stdio.h>
#include  <io.h>
#include  <dos.h>
#define g gotoxy
#define p printf
#define s scanf
#define v "ABCDEFGHIJKLMNOPQRSTUVWXYZ .-"
#define x "FM"
int  popup(void);
int  popup1(void);
int  popup2(void);
int  popup3(void);
void patient(void);
void patient1(void);
void pmodify(void);
void patient2(void);
void doctor(void);
void doctor1(void);
void doctor2(void);
void ward(void);
void ward1(void);
void ward2(void);
void pentry(void);
void wrep(void);
void wrep1(int,int);
void service(void);
void service1(void);
void search(int);
int  inform(void);
void pinform(void);
void apinform(void);
void dinform(void);
void adinform(void);
void tinform(void);
void winform(void);
void bill(void);
void receipt(void);
void help(void);
int  putint(int ,int ,int ,int );
int  enterstring(char *, char *, int ,int,int);
void box(int,int,int,int,int);
struct date d;
struct time t;
struct pat
```

```
{
     char nm[15],add[20],dse[10],sex[2],fnm[15];
     int rno,bno,w_type,adv,age,adate[3],ddate[3],dcode;
}p1;
struct war
{
     int w_type,bno,charge,ava;
}w;

struct doc
{
     char dnm[14],dadd[20],spe[15];
     int  dage,docode,date[3],fee;
}d1;

struct treat
{
     char tnm[15];
     int rno,bno,tcharge,fee,date[3];
}tre;

struct bill1
{
     int billno,ddate[3],amount,rgno,nday;
}b1;

FILE *fp,*fp1,*fp2,*fp3,*fp4,*fp5,*fp6,*ptr;

int serc;
```

/********MAIN MENU**********/**

```
  void main()
  {
     int ch,ch1,ch2,ch3,ch4,ch5;
     char c[1];
     clrscr();
     ch=0;
     while(ch!=9)
     {
          box(15,3,65,7,5);
          g(25,5);
          textcolor(WHITE+BLINK);
          cputs("DEWANI HOSPITAL AND RESEARCH CENTRE  ");
          textcolor(CYAN);
          box(25,10,55,21,7);
          g(27,12);
          p(" 1. Patient .\n ");
```

```
g(27,13);
p(" 2. Doctor.\n");
g(27,14);
p(" 3. Ward.  \n");
g(27,15);
p(" 4. Treatment.\n");
g(27,16);
p(" 5. Information.\n");
g(27,17);
p(" 6. Bill.");
g(27,18);
p(" 7. Receipt.");
g(27,19);
p(" 8. Help.");
g(27,20);
p(" 9. Quit.");
g(20,23);
p("Enter your choice from no's 1 to 9.  : ");
ch=0;
ch=putint(ch,60,23,1);

switch(ch)
{
case 1:
     clrscr();
     popup();
     clrscr();
     break;

case 2:
     clrscr();
     popup1();
     clrscr();
     break;

case 3:
     clrscr();
     ward();
     clrscr();
     break;

case 4:
     clrscr();
     popup3();
     clrscr();
     break;
```

```
            case 5:
                 clrscr();
                 inform();
                 clrscr();
                 break;

            case 6:
                 clrscr();
                 bill();
                 clrscr();
                 break;

            case 7:
                 clrscr();
                 receipt();
                 clrscr();
                 break;

            case 8:
                 clrscr();
                 help();
                 clrscr();
                 break;

            case 9:
                 clrscr();
                 break;

            }
            fflush(stdin);
      }

}

int popup()
{
      int ch1;
      clrscr();
      box(27,5,57,9,5);
      g(32,7);

      p(" ***** PATIENT ***** ");

      box(33,12,47,20,5);
      g(34,14);
      p(" 1. Append . ");
      g(34,15);
```

```
    p(" 2. Modify .");
    g(34,16);
    p(" 3. Exit .");
    g(30,21);
    ch1=0;
    p(" Enter Your Choice  :");
    ch1=putint(ch1,52,21,1);

    switch(ch1)
    {
    case 1:
         clrscr();
         patient();
         popup();
         break;

    case 2:
         clrscr();
         patient1();
         popup();
         break;

    case 3:
         clrscr();
         if(ch1==3)
         {
              return(1);
         }
    }
return (0);
}

void search(int dcode)
{
     fp1=fopen("doc.hos","rb+");
     fread(&d1,sizeof(struct doc),0,fp1);
     while(!feof(fp1))
     {
          if(d1.docode==dcode)
          {
               break;
          }
          fread(&d1,sizeof(struct doc),1,fp1);
     }
          fclose(fp1);
}
```

/********PATIENT ENTRY**********/**

```
void patient()
{
      int m=0,n=0;
      char ans='Y';
      clrscr();
      fp3=fopen("ward.hos","r+");


      fp=fopen("pat.hos","ab+");

      while(ans=='Y'||ans=='y')
      {
            clrscr();
            g(10,3);
            p("Enter Your Choice      :");
            box(20,5,45,18,10);
            g(25,6);
            p(" WARD  TYPE");
            g(22,8);
            p(" 0 for ICCU.");
            g(22,9);
            p(" 1 for ICU.");
            g(22,10);
            p(" 2 for DELUX.");
            g(22,11);
            p(" 3 for PRIVATE.");
            g(22,12);
            p(" 4 for.GENERAL-1.");
            g(22,13);
            p(" 5 for GENERAL-2.");
            m=putint(m,35,3,1);
            clrscr();
            box(20,5,65,20,10);
            g(24,7);
            p("Ward Type\tBed No.\tCharges\tAvailable");
            n=8;
            fread(&w,sizeof(struct war),1,fp3);

            while(!feof(fp3))
            {
                  if(w.w_type==m && w.ava==0)
                        {
                              g(24,n);

  p("%d\t%d\t%d\t%d",w.w_type,w.bno,w.charge,w.ava);
                              n++;
                              getch();
                              fflush(stdin);
```

```
                    }
                        fread(&w,sizeof(struct war),1,fp3);
                }
                g(8,23);
                fflush(stdin);
                p(" Do You Want To Enter Patient's Records
                (y/n)? ");
                s("%c",&ans);
                if(ans=='Y'|| ans=='y')
                {
                    pentry();
                    break;
                }
                fflush(stdin);
    }
        fclose(fp3);
        fclose(fp);
}

  void pentry()
  {
     int torec=0;
     int dcode;
     char ans1='Y';
     clrscr();
     p1.rno=0;
     getdate(&d);
     gettime(&t);
     clrscr();
     torec=filelength(fileno(fp))/sizeof(struct pat);

     while(ans1=='Y'||ans1=='y')
     {
        clrscr();
        g(8,4);
        p(" DEWANI HOSPITAL & RESEARCH CENTRE .");
        g(58,4);
        p("PATIENT'S ENTRY .");
        box(6,5,74,21,5);
        g(8,7);
        torec++;
        p1.rno=torec;
        p1.nm[0]=0;
        p1.fnm[0]=0;
        p1.sex[0]=0;
        p1.add[0]=0;
        p1.dse[0]=0;
        p1.adate[0]=0;
        p1.adate[0]=0;
        p1.adate[0]=0;
```

```
p1.age=0;
p1.w_type=0;
p1.bno=0;
p1.adv=0;
p(" Registration No.  : %d",p1.rno);
g(45,7);
p("Admission Date  :");


g(63,7);
p("%d/%d/%d",d.da_day,d.da_mon,d.da_year);
p1.adate[0]=d.da_day;
p1.adate[1]=d.da_mon;
p1.adate[2]=d.da_year;
g(10,9);
p(" Patient's Name  : ");
enterstring(p1.nm, v, 15, 30,9);
g(10,10);
p(" F/H Name  :");
enterstring(p1.fnm, v, 15, 30,10);
g(10,11);
p(" Sex (F/M)  :");
enterstring(p1.sex, x, 1, 23,11);
g(40,11);
p(" Age  : ");
p1.age=putint(p1.age,47,11,3);
g(10,13);
p(" Address  :");
enterstring(p1.add, v, 15, 25,13);
g(10,14);
p(" Disease  :");
enterstring(p1.dse, v, 15, 25,14);
g(10,15);
p(" Doctor's Code  :");
s("%d",&p1.dcode);

search(p1.dcode);

g(10,16);
p(" Doctor's Name  : %s",d1.dnm);
g(10,17);
p(" Specialist  : %s",d1.spe);
g(10,19);
p(" Ward Type.  :");
p1.w_type=putint(p1.w_type,25,19,3);
g(40,19);
p(" Bed No.  :");
p1.bno=putint(p1.bno,52,19,2);

wrep1(p1.w_type,p1.bno);
```

```
            g(15,20);
            p(" Deposit Amount   : Rs.  ");
            p1.adv=putint(p1.adv,37,20,5);
            fwrite(&p1,sizeof(struct pat),1,fp);
            g(8,23);
            fflush(stdin);
            p(" Do You Want To Continue (y/n)? ");
            s("%c",&ans1);


            if(ans1=='Y'||ans1=='y')
            {
                 fclose(fp);
                 fclose(fp3);
                 patient();
                 break;
            }
      }
}
```

/******WARD REPLACEMENT FUNCTION********/**

```
void wrep1(int a,int b)
{
      int count=0;
      a=p1.w_type;
      b=p1.bno;
      fseek(fp3,0,0);
      fread(&w,sizeof(struct war),1,fp3);

      while(!feof(fp3))
      {
          if(w.w_type==a && w.bno==b)
          {
               g(65,24);
               p("going to change.");
               getch();
               if(w.ava==0)
               {
                    p("changed");
                    getch();
                    w.ava=1;
               }
                  else
               {
                    w.ava=0;
               }
```

```
                    fseek(fp3,count*sizeof(struct war),0);
                    fwrite(&w,sizeof(struct war),1,fp3);
                    break;
            }
            count++;
            fread(&w,sizeof(struct war),1,fp3);
        }
}
```

/********PATIENT'S MODIFY**********/**

```
void patient1()
{
      int rrno=0,totrec,f;
      int serc=0;
      fp=fopen("pat.hos","rb+");
      f=0;
      clrscr();
      g(5,8);
      p(" Enter Registration No. Of Patient To Modify  :");
      rrno=putint(rrno,60,8,3);
      fread(&p1,sizeof(struct pat),1,fp);

      while(!feof(fp))
      {
            if(p1.rno==rrno)
            {
                f=f+1;
                clrscr();
                g(8,4);
                p(" DEWANI HOSPITAL & RESEARCH CENTRE .");
                g(58,4);
                p("PATIENT'S MODIFY .");
                box(6,5,74,21,5);
                g(8,7);
                p(" Registration No.  : %d",rrno);
                g(45,7);
                p("Admission Date  : %d/%d/%d
                ",p1.adate[0],p1.adate[1],p1.adate[2]);
                fflush(stdin);
                g(10,9);
                p(" Patient's Name  :");
                fflush(stdin);
                enterstring(p1.nm, v, 15, 30,9);
                g(10,10);
                p(" F/H Name  :");
                enterstring(p1.fnm, v, 15, 30,10);
```

```
                g(10,11);
                p(" Sex (F/M)  :");
                enterstring(p1.sex, x, 1, 23,11);
                g(40,11);
                p(" Age  : ");
                p1.age=putint(p1.age,47,11,3);
                g(10,13);
                p(" Address  :");
                enterstring(p1.add, v, 15, 25,13);
                g(10,14);
                p(" Disease  :  ");
                enterstring(p1.dse, v, 15, 25,14);


                g(10,15);
                p(" Doctor's Code   :");
                p1.dcode=putint(p1.dcode,30,15,3);
                g(10,17);
                p(" Ward Type.  :");
                p1.w_type=putint(p1.w_type,25,17,3);
                g(40,17);
                p(" Bed No.  :");
                p1.bno=putint(p1.bno,52,17,2);
                g(15,19);
                p(" Deposit Amount  : Rs. ");
                p1.adv=putint(p1.adv,38,19,5);
                fseek(fp,(serc)*sizeof(struct pat),0);
                fwrite(&p1,sizeof(struct pat),1,fp);
                break;
            }
            serc++;
            fread(&p1,sizeof(struct pat),1,fp);
        }
        if(f==0)
        {
            clrscr();
            g(10,8);
            p("Record Not Found.");
            getch();
        }
        getch();
        fclose(fp);
}
int popup1()
{
        int ch2;
        clrscr();
        box(27,5,57,9,5);
        g(32,7);
```

```
    p(" ***** DOCTOR ***** ");

    box(33,12,47,20,5);
    g(34,14);
    p(" 1. Append . ");
    g(34,15);
    p(" 2. Modify .");
    g(34,16);
    p(" 3. Delete . ");
    g(34,17);

    p(" 4. Exit .");
    ch2=0;
    g(30,21);
    p(" Enter Your Choice  :");
    fflush(stdin);
    ch2=putint(ch2,52,21,1);

    switch(ch2)
    {
    case 1:
         clrscr();
         doctor();
         popup1();
         break;

    case 2:
         clrscr();
         doctor1();
         popup1();
         break;

    case 3:
         clrscr();
         doctor2();
         popup1();
         break;

    case 4:
         clrscr();
         if(ch2==4)
         {
              return(1);
         }
    }
return (0);
}
```

/********DOCTOR'S ENTRY**********/**

```
void doctor()
 {
      char an='Y';
      clrscr();
      getdate(&d);
      fp1=fopen("doc.hos","ab+");

      while(an=='Y'||an=='y')
      {
           clrscr();


           g(8,4);
           p(" DEWANI HOSPITAL & RESEARCH CENTRE. ");
           g(58,4);
           p("DOCTOR'S ENTRY.");
           box(6,5,74,15,5);
           g(45,6);
           p(" Date  : ");
           g(55,6);
           p("%d/%d/%d",d.da_day,d.da_mon,d.da_year);
           g(10,7);
           d1.dnm[0]=0;
           d1.dadd[0]=0;
           d1.spe[0]=0;
           d1.dage=0;
           d1.fee=0;
           d1.fee=450;
           p(" Doctor's Code : ");
           s("%d",&d1.docode);
           g(10,8);
           p("Doctor's Name  :");
           enterstring(d1.dnm, v, 14, 28,8);
           g(10,9);
           p("Age  :");
           d1.dage=putint(d1.dage,18,9,3);
           g(10,10);
           p("Address  :");
           s("%s",d1.dadd);
           g(15,12);
           p("Specialist  :");
           enterstring(d1.spe, v, 15, 29,12);
           g(15,13);
           p("Doctor's Fees  : Rs. %d",d1.fee);
           fwrite(&d1,sizeof(struct doc),1,fp1);
           g(8,20);
           fflush(stdin);
           p("Do You Want To Continue (y/n)? ");
           an=getchar();
```

```
    }
    fclose(fp1);
}
```

/********DOCTOR'S MODIFY**********/**

```
void doctor1()
{
    int f=0;
    int mcode=0;
    int serc1=0;
    fp1=fopen("doc.hos","r+");
    clrscr();
    g(5,8);


    p(" Enter Doctor's Code Whose Record You Want To Modify
    :");
    mcode=putint(mcode,65,8,3);
    fread(&d1,sizeof(struct doc),1,fp1);

    while(!feof(fp1))
    {
        if(d1.docode==mcode)
        {
            f=f+1;
            clrscr();
            g(8,4);
            p(" DEWANI HOSPITAL & RESEARCH CENTRE. ");
            g(58,4);
            p("DOCTOR'S MODIFY.");
            box(6,5,74,15,5);
            d1.fee=0;
            d1.fee=450;
            g(10,7);
            p(" Doctor's Code : ");
            d1.docode=putint(d1.docode,25,7,3);
            g(10,8);
            p("Doctor's Name  :");
            enterstring(d1.dnm, v, 14, 28,8);
            g(10,9);
            p("Age  :");
            d1.dage=putint(d1.dage,18,9,3);
            g(10,10);
            p("Address  :  ");
            enterstring(d1.dadd, v, 15, 22,10);
            g(15,12);
            p("Specialist  :");
            enterstring(d1.spe, v, 15, 29,12);
            g(15,13);
```

```
                p("Doctor's Fees   : Rs. %d",d1.fee);
                fseek(fp1,(serc1)*sizeof(struct doc),0);
                fwrite(&d1,sizeof(struct doc),1,fp1);
                break;
            }
            serc1++;
            fread(&d1,sizeof(struct doc),1,fp1);
        }
        if(f==0)
        {
            clrscr();
            g(10,8);
            p("Record Not Found .");
        }
        getch();
        fclose(fp1);
}

        /************DOCTOR'S DELETE***********/


    void doctor2()
{
        int rc=0;
        int recno=0,totrec=0,f=0;
        clrscr();


        fp1=fopen("doc.hos","r+");
        g(10,8);
        p("Enter Doctor's Code To Delete  : ");
        recno=putint(recno,45,8,3);
        totrec=filelength(fileno(fp1)) / sizeof(struct doc);
        fread(&d1,sizeof(struct doc),1,fp1);

        while(!feof(fp1))
        {
            if(d1.docode==recno)
            break;
            rc++;
            fread(&d1,sizeof(struct doc),1,fp1);
        }
        rc++;
        p("\nrecord   %d\n",totrec);
        p("\nrecord no  %d\n",rc);
        getch();
        fflush(stdin);
```

```
    while(rc<totrec)
    {
         fseek(fp1,rc*sizeof(struct doc),0);
         fread(&d1,sizeof(struct doc),1,fp1);
         fseek(fp1,sizeof(struct doc)*(rc-1),0);
         fwrite(&d1,sizeof(struct doc),1,fp1);
         rc++;
         f++;
    }
    if(rc==totrec)
    {
         chsize(fileno(fp1),(totrec-1)*sizeof(struct doc));
         f=1;
    }

    if(f==0)
    {
         clrscr();
         g(10,8);
         p("Record Not Found .");
         getch();
    }
    else
    {
         chsize(fileno(fp1),(totrec-1)*sizeof(struct doc));
    }
  fclose(fp1);
}
```

/********WARD ENTRY***********/**

```
void  ward()
  {
     char h='Y';
     int cha;
     clrscr();
     fp3=fopen("ward.hos","ab+");

     w.w_type=0;
     w.ava=0;

     while(h=='Y'||h=='y')
     {
          clrscr();
          w.charge=0;
          w.bno=0;
```

```
box(6,5,74,22,5);
g(8,4);
p(" DEWANI HOSPITAL & RESEARCH CENTRE. ");
g(58,4);
p("WARD ENTRY.");
box(50,7,70,15,5);
g(55,8);
p("CHOOSE");
g(52,9);
p("0 for ICCU.");
g(52,10);
p("1 for ICU.");
g(52,11);
p("2 for DELUX.");
g(52,12);
p("3 for PRIVATE.");
g(52,13);
p("4 for GENERAL-1.");
g(52,14);
p("5 for GENERAL-2.");
g(12,8);
p(" Ward Type  : ");
w.w_type=putint(w.w_type,29,8,1);
g(12,12);
p("Bed No.  :");
w.bno=putint(w.bno,29,12,2);
g(12,16);
if(w.w_type==0)
{
   w.charge=700;
}
if(w.w_type==1)
{
     w.charge=400;
}
if(w.w_type==2)
{
     w.charge=450;
}
if(w.w_type==3)
{
     w.charge=500;
}
if(w.w_type==4 || w.w_type==5)
{
     w.charge=175;
}
p("Charges For 24 hrs.   : Rs. %d ",w.charge);
box(40,17,65,21,5);
g(50,18);
```

```
            p("CHOOSE");
            g(42,19);
            p("0 for AVAILABLE.");
            g(42,20);
            p("1 for NOT AVAILABLE.");
            g(12,19);
            p("Availability    :");
            w.ava=putint(w.ava,29,19,5);
            fwrite(&w,sizeof(struct war),1,fp3);
            fflush(stdin);
            g(8,23);
            p("Do You Want To Continue (Y/N) ?");
            h=getch();
        }
        fclose(fp3);
}

  int popup3()
  {
      int ch4=0;
      clrscr();
      box(27,5,57,9,5);
      g(32,7);

      p(" **** TREATMENT **** ");
      box(30,12,56,20,5);
      g(32,14);
      p(" 1. Services Entry. ");
      g(32,15);
      p(" 2. Treatment Provided.");
      g(32,16);
      p(" 3. Exit .");
      g(30,21);
      ch4=0;
      p(" Enter Your Choice  :");
      ch4=putint(ch4,52,21,1);
      switch(ch4)
      {
      case 1:
           clrscr();
           service();
           popup3();
           break;

      case 2:
           clrscr();
           service1();
           popup3();
           break;
```

```
    case 3:
         clrscr();
         if(ch4==3)
         {
              return(1);
         }
     }
return(0);
}
```

/********SERVICE ENTRY**********/**

```
void service()
{
      char z='Y';
      fp4=fopen("treat.hos","ab+");

      while(z=='Y'||z=='y')
      {
           tre.tnm[0]=0;
           tre.tcharge=0;
           clrscr();
           box(6,5,74,12,5);
           g(8,4);
           p(" DEWANI HOSPITAL & RESEARCH CENTRE. ");
           g(58,4);
           p("SERVICES ENTRY.");
           g(10,8);
           p(" Treatment Name   :  ");
           enterstring(tre.tnm, v, 10, 32,8);
           g(10,10);
           p(" Service Charge   :  ");
           tre.tcharge=putint(tre.tcharge,28,10,5);
           fwrite(&tre,sizeof(struct treat),1,fp4);
           fflush(stdin);
           g(8,15);
           p(" Do You Want To Continue (Y/N) ? ");
           z=getchar();
      }
      fclose(fp4);
}
```

/********SERVICE PROVIDING ENTRY**********/**

```
void service1()
{
      char snm[15],file[10];
      int regno=0,f=0;
      getdate(&d);
      fp4=fopen("treat.hos","rb+");
      fp=fopen("pat.hos","rb+");
      clrscr();
      tre.tnm[0]=0;
      snm[0]=0;
      tre.rno=0;
      tre.date[0]=0;
      tre.fee=450;
      p1.w_type=0;
      p1.bno=0;
      clrscr();


      g(6,8);
      p(" Enter The Registration No. Of The Patient To Whom
      You Are Providing Treatment   :");
      regno=putint(regno,12,9,3);
      fflush(stdin);
      fread(&p1,sizeof(struct pat),1,fp);

      while(!feof(fp))
      {
            if(p1.rno==regno)
            {
                  f=f+1;
                  itoa(p1.rno,file,10);
                  fp6=fopen(file,"ab+");
                  clrscr();
                  box(6,5,74,18,5);
                  g(8,4);
                  p(" DEWANI HOSPITAL & RESEARCH CENTRE. ");
                  g(48,4);
                  p("TREATMENT PROVIDING ENTRY.");
                  g(50,7);
                  p("Date  :");
                  g(59,7);
                  p("%d/%d/%d",d.da_day,d.da_mon,d.da_year);
                  g(10,9);
                  p("Registration No Of Patient   : %d",regno);
                  g(14,11);
                  p(" Name      : %s",p1.nm);
                  fflush(stdin);
                  g(14,12);
```

```
                p(" Ward Type   : %d",p1.w_type);
                g(50,12);
                p(" Bed No.     : %d",p1.bno);
                g(14,13);
                p("Treatment Provided To Patient  :");
                enterstring(snm, v, 10, 48,13);
                fflush(stdin);
                fseek(fp4,0,0);
                fread(&tre,sizeof(struct treat),1,fp4);
                while(!feof(fp4))
                {
                     if(strcmp(snm,tre.tnm)==0)
                     {
                          g(14,14);
                          p("Service Charge    :
                          %d",tre.tcharge);
                          getch();
                     }
                      fread(&tre,sizeof(struct treat),1,fp4);
                }
                fwrite(&tre,sizeof(struct treat),1,fp6);
           }
           fread(&p1,sizeof(struct pat),1,fp);
      }
      if(f==0)
      {
           clrscr();
           g(10,8);
           p("Record Not Found");
       }
      getch();


      fflush(stdin);
      fclose(fp4);
      fclose(fp);
      fclose(fp6);
}

 int inform()
{
      int ch5=0;
      clrscr();
      box(27,5,57,9,5);
      g(32,7);
      p(" **** INFORMATION **** ");
      box(30,11,55,22,5);
      g(32,13);
      p(" 1. A Patient. ");
      g(32,14);
```

```
            p(" Ward Type   : %d",p1.w_type);
            g(50,12);
            p(" Bed No.     : %d",p1.bno);
            g(14,13);
            p("Treatment Provided To Patient  :");
            enterstring(snm, v, 10, 48,13);
            fflush(stdin);
            fseek(fp4,0,0);
            fread(&tre,sizeof(struct treat),1,fp4);
            while(!feof(fp4))
            {
                  if(strcmp(snm,tre.tnm)==0)
                  {
                        g(14,14);
                        p("Service Charge    :
                        %d",tre.tcharge);
                        getch();
                  }
                   fread(&tre,sizeof(struct treat),1,fp4);
             }
             fwrite(&tre,sizeof(struct treat),1,fp6);
       }
       fread(&p1,sizeof(struct pat),1,fp);
  }
  if(f==0)
  {
       clrscr();
       g(10,8);
       p("Record Not Found");
  }
  getch();


  fflush(stdin);
  fclose(fp4);
  fclose(fp);
  fclose(fp6);


  int inform()

  int ch5=0;
  clrscr();
  box(27,5,57,9,5);
  g(32,7);
  p(" **** INFORMATION **** ");
  box(30,11,55,22,5);
  g(32,13);
  p(" 1. A Patient. ");
  g(32,14);
```

```
p(" 2. A Doctor .");
g(32,15);
p(" 3. All The Patient .");
g(32,16);
p(" 4. All The Doctors .");
g(32,17);
p(" 5. Treatment.");
g(32,18);
p(" 6. Ward.");
g(32,19);
p(" 7. Exit .");
g(30,23);
ch5=0;
p(" Enter Your Choice  :");
ch5=putint(ch5,52,23,1);

switch(ch5)
{
case 1:
     clrscr();
     pinform();
     inform();
     break;

case 2:
     clrscr();
     dinform();
     inform();
     break;

case 3:
     clrscr();
     apinform();
     inform();
     break;

case 4:
     clrscr();
     adinform();
     inform();
     break;



case 5:
     clrscr();
     tinform();
     inform();
     break;
```

```
        case 6:
             clrscr();
             winform();
             inform();
             break;

        case 7:
             clrscr();
             if(ch5==7)
             {
                  return(1);
             }
        }
    return(0);
    }
```

/********PATIENT'S INFORMATION**********/**

```
    void pinform()
    {
         int rrno=0,totrec,f=0;
         fp=fopen("pat.hos","rb+");
         clrscr();
         g(5,8);
         p(" Enter Registration No. Of Patient Whose inf. You
Want ?  ");
         rrno=putint(rrno,65,8,3);
      //  totrec=filelength(fileno(fp))/sizeof(struct pat);
         fread(&p1,sizeof(struct pat),0,fp);

         while(!feof(fp))
         {
              if(p1.rno==rrno)
              {
                   f=f+1;
                   clrscr();
                   g(8,4);
                   p(" DEWANI HOSPITAL & RESEARCH CENTRE .");
                   g(52,4);
                   p("PATIENT'S INFORMATION .");
                   box(6,5,74,21,5);
                   g(8,7);
                   p(" Registration No.   : %d",rrno);
                   g(45,7);
```

```
                    p("Admission Date  :
%d/%d/%d",p1.adate[0],p1.adate[1],p1.adate[2]);
                    g(10,9);
                    p(" Patient's Name  :  %s ",p1.nm);
                    fflush(stdin);
                    g(10,10);
                    p(" F/H Name  :  %s",p1.fnm);
                    g(10,11);
                    p(" Sex (F/M)  : %s",p1.sex);
                    g(40,11);
                    p(" Age  :  %d",p1.age);
                    g(10,13);
                    p(" Address  : %s",p1.add);
                    g(10,14);
                    p(" Disease  : %s ",p1.dse);
                    g(10,15);
                    p(" Doctor's Code   :  %d",p1.dcode);
                    g(10,17);
                    p(" Ward Type.  :  %d",p1.w_type);
                    g(40,17);
                    p(" Bed No.  :  %d" ,p1.bno);
                    g(15,19);
                    p(" Deposit Amount  :  %d", p1.adv);
               }
               fread(&p1,sizeof(struct pat),1,fp);
          }
          if(f==0)
          {
               clrscr();
               g(10,8);
               p("Record Not Found.");
          }
          getch();
          fclose(fp);
     }
```

/********DOCTOR'S INFORMATION**********/**

```
     void dinform()
     {
          int dcode=0,f=0;
          clrscr();
          getdate(&d);
          fp1=fopen("doc.hos","rb+");
          clrscr();
```

```
    g(8,10);
    p("Enter Doctor Code Of Doctor You Want inf. About ?");
    dcode=putint(dcode,65,10,3);
    fread(&d1,sizeof(struct doc),0,fp1);

    while(!feof(fp1))
    {
         if(d1.docode==dcode)
         {
               f=f+1;
               clrscr();
               g(8,4);
               p(" DEWANI HOSPITAL & RESEARCH CENTRE. ");
               g(52,4);
               p("DOCTOR'S INFORMATION.");
               box(6,5,74,15,5);
               g(45,6);
               p(" Date  : ");


               g(55,6);
               p("%d/%d/%d",d.da_day,d.da_mon,d.da_year);
               g(10,7);
               p(" Doctor's Code : %d ",dcode);
               g(10,8);
               p("Doctor's Name  :  %s",d1.dnm);
               g(10,9);
               p("Age  :  %d",d1.dage);
               g(10,10);
               p("Address  :  %s",d1.dadd);
               g(15,12);
               p("Specialist  :  %s",d1.spe);
          }
          fread(&d1,sizeof(struct doc),1,fp1);
     }
     if(f==0)
     {
          clrscr();
          g(10,8);
          p("Record Not Found.");
     }
     fflush(stdin);
     getch();
     fclose(fp1);
}
```

/**********ALL PATIENT'S INFORMATION**********/**

```
        g(8,10);
        p("Enter Doctor Code Of Doctor You Want inf. About ?");
        dcode=putint(dcode,65,10,3);
        fread(&d1,sizeof(struct doc),0,fp1);

        while(!feof(fp1))
        {
              if(d1.docode==dcode)
              {
                    f=f+1;
                    clrscr();
                    g(8,4);
                    p(" DEWANI HOSPITAL & RESEARCH CENTRE. ");
                    g(52,4);
                    p("DOCTOR'S INFORMATION.");
                    box(6,5,74,15,5);
                    g(45,6);
                    p(" Date  : ");


                    g(55,6);
                    p("%d/%d/%d",d.da_day,d.da_mon,d.da_year);
                    g(10,7);
                    p(" Doctor's Code : %d ",dcode);
                    g(10,8);
                    p("Doctor's Name  :  %s",d1.dnm);
                    g(10,9);
                    p("Age  :  %d",d1.dage);
                    g(10,10);
                    p("Address  :  %s",d1.dadd);
                    g(15,12);
                    p("Specialist  :  %s",d1.spe);
               }
              fread(&d1,sizeof(struct doc),1,fp1);
        }
        if(f==0)
        {
              clrscr();
              g(10,8);
              p("Record Not Found.");
        }
        fflush(stdin);
        getch();
        fclose(fp1);
}
```

/**********ALL PATIENT'S INFORMATION**********/**

```
void apinform()
{
     int totrec,n;
//   char a='Y';
     clrscr();
     fp=fopen("pat.hos","rb");
     n=6;
     box(2,2,78,23,5);
     g(4,3);
     p("RNo.      Name        Age     Sex      Do.Code      W_Type
     Bed No.");
     fread(&p1,sizeof(struct pat),1,fp);

     while(!feof(fp))
     {
          g(4,n);
          p("%3d   %8s       %3d     %2s       %3d          %3d
          %3d",p1.rno,
          p1.nm,p1.age,p1.sex,p1.dcode,p1.w_type,p1.bno);
          n++;
          fflush(stdin);
          fread(&p1,sizeof(struct pat),1,fp);
     }
     getch();
     fclose(fp);
}
```

/********ALL DOCTOR'S INFORMATION**********/**

```
void adinform()
{
     int totrec,n;
     clrscr();
     fp1=fopen("doc.hos","rb");
     n=6;
     box(2,2,78,23,5);
     g(4,3);
     p("Doctor's code    Name\t      Age       Address\t
Specialist ");
     fread(&d1,sizeof(struct doc),1,fp1);

     while(!feof(fp1))
     {
          g(4,n);
```

```
            p("    %3d        %8s          %5d        %8s
%8s ",d1.docode,
            d1.dnm,d1.dage,d1.dadd,d1.spe);
            n++;
            fflush(stdin);
            fread(&d1,sizeof(struct doc),1,fp1);
        }
        getch();
        fclose(fp1);
    }
```

/************WARD INFORMATION************/**

```
void winform()
{
      int totrec;
      int m=0,n=0;
      clrscr();
      fp3=fopen("ward.hos","rb+");
      clrscr();
      g(10,3);
      p("Enter Your Choice");
      box(20,5,45,18,10);
      g(25,6);
      p(" WARD  TYPE");
      g(22,8);
      p(" 0 for ICCU.");
      g(22,9);
      p(" 1 for ICU.");
      g(22,10);
      p(" 2 for DELUX.");
      g(22,11);
      p(" 3 for PRIVATE.");
      g(22,12);
      p(" 4 for GENERAL-1.");
      g(22,13);
      p(" 5 for GENERAL-2.");
      m=putint(m,30,3,1);
      clrscr();
      box(10,5,70,20,10);
      g(14,7);
      p("Ward Type\tBed No.\tCharges\tAvailable");
      n=8;
      fread(&w,sizeof(struct war),1,fp3);

      while(!feof(fp3))
```

```
    {
          if(w.w_type==m)
          {
          g(18,n);

p("%d\t\t%d\t\t%d\t\t%d",w.w_type,w.bno,w.charge,w.ava);
          n++;
          }
     fread(&w,sizeof(struct war),1,fp3);
     }
     fflush(stdin);
     getch();
       fclose(fp3);
}
```

/*********TREATMENT LIST***********/**

```
void tinform()
{
     int totrec,n;
     clrscr();
     fp4=fopen("treat.hos","rb+");
     n=6;
     box(2,2,78,23,5);
     g(4,3);
     p("Treatment Name\t     Charges\t ");
     fread(&tre,sizeof(struct treat),1,fp4);

     while(!feof(fp4))
     {
          g(4,n);
          p("%s\t        %d\t  ",tre.tnm,tre.tcharge);
          n++;
          fread(&tre,sizeof(struct treat),1,fp4);
     }
     getch();
       fclose(fp4);
 }
```

/***********BILL PROGRAMME***********/**

```
 void bill()
 {
```

```
        char file[10];
        int rrno,totrec1=0;
        int dcode,totch,f=0,mon=0,tch=0,total=0;
        clrscr();
        fp2=fopen("bill.hos","ab+");
        fp=fopen("pat.hos","r+");
        fp3=fopen("ward.hos","r+");
        ptr=fopen("PRN","w");
        getdate(&d);
        totrec1=filelength(fileno(fp2))/sizeof(struct bill1);
        clrscr();
        g(5,8);
        p(" Enter Registration No. Of Patient Whose Bill You
Want ?  ");
        s("%d",&rrno);
        totrec1++;
        b1.billno=totrec1;
        totch=0;
        d1.fee=0;
        p1.adv=0;
        b1.amount=0;
        b1.nday=0;
        clrscr();
        fseek(fp,0,0);
        fread(&p1,sizeof(struct pat),1,fp);
        while(!feof(fp))
        {
             if(p1.rno==rrno)
             {
                  f=f+1;
                  b1.rgno=p1.rno;
                  itoa(p1.rno,file,10);
                  fp6=fopen(file,"rb+");
                  totch=0;
                  fread(&tre,sizeof(struct treat),1,fp6);
                  while(!feof(fp6))
                  {
                       totch=totch+tre.tcharge;
                       fread(&tre,sizeof(struct treat),1,fp6);
                  }
                  g(8,2);
                  p(" DEWANI HOSPITAL & RESEARCH CENTRE .");
                  g(56,2);
                  p("PATIENT'S BILL .");
                  box(6,3,74,22,5);
                  g(8,4);
                  p("Bill No.  : %d",b1.billno);
                  g(12,6);
                  p(" Registration No.  : %d",b1.rgno);
                  g(45,6);
```

```
            p(" Date  :  ");
            p("%d/%d/%d",d.da_day,d.da_mon,d.da_year);
            b1.ddate[0]=d.da_day;
            b1.ddate[1]=d.da_mon;
            b1.ddate[2]=d.da_year;
            g(12,7);
            p(" Patient's Name  :  %s ",p1.nm);
            fflush(stdin);
            g(12,8);
            p("Ward Type : %d",p1.w_type);
            g(12,9);
            p(" Bed No.  :  %d" ,p1.bno);
            if(b1.ddate[1]>p1.adate[1])
            {
                 mon=b1.ddate[1]-p1.adate[1];
            }
            b1.nday=mon*30-p1.adate[0]+b1.ddate[0] ;
            fseek(fp3,0,0);
            fread(&w,sizeof(struct war),1,fp3);
            while(!feof(fp3))
            {
            if(w.w_type==p1.w_type)
            {
                 tch=b1.nday*w.charge;
                 break;
            }
            fread(&w,sizeof(struct war),1,fp3);
       }
       g(45,9);
       p("Total No. Of Days :  %d",b1.nday);

       wrep1(p1.w_type,p1.bno);

       g(7,10);
       p("-------------------------------------------");
       g(8,11);
       p("Particulars  ");
       g(45,11);
       p("Charges   ");
       g(7,12);

p("_____________________________________________________________");
       g(7,14);
       p(" Room Charges  :                    Rs. %d",tch);
       d1.fee=450;
       g(7,15);
       p(" Doctor Fees   :                          Rs.
%d",d1.fee );
       g(7,16);
```

```
                                                                    Rs.
            p( "Other Charges :
%d",totch);
            total=tch+d1.fee+totch;
            g(38,17);
            p("----------------------");
            g(40,18);
            p(" Total      :  Rs. %d",total);
            g(7,19);
            p("Deposit  :  Rs. %d",p1.adv);
            g(7,20);
            p("-------------------------------------------");
            g(40,21);
            b1.amount=total-p1.adv;
            p("Net Amount To Pay  :  Rs. %d",b1.amount);
            fwrite(&b1,sizeof(struct bill1),1,fp2);

        break;

            }
            fread(&p1,sizeof(struct pat),1,fp);
            }

           if(f==0)
           {
                clrscr();
                g(10,8);
                p("Record Not Found");
           }
           getch();
           fflush(stdin);
           fclose(fp);
           fclose(fp3);
           fclose(fp2);
           fclose(fp6);
           fclose(ptr);
        }


            /**************RECEIPT*************/

        void receipt()
        {
            int rrno=0,f=0,am=0;
            clrscr();
            fp2=fopen("bill.hos","ab+");
            fp=fopen("pat.hos","rb+");
            getdate(&d);
            g(5,8);
```

```
        p(" Enter Registration No. Of Patient Whose inf. You
Want ?  ");
        rrno=putint(rrno,65,8,3);
          // totrec=filelength(fileno(fp))/sizeof(struct pat);
        fseek(fp2,0,0);


        fread(&p1,sizeof(struct pat),0,fp);
        while(!feof(fp))
        {
             if(p1.rno==rrno)
             {
                  f=f+1;
                  clrscr();
                  box(10,5,73,22,5);
                  g(16,7);
                  p("          DEWANI HOSPITAL & RESEARCH
CENTER");
                  g(15,9);
                  p("       E-7 HIG-454,Arera Colony Bhopal-
462016.");
                  g(14,12);
                  p(" Reg_no.   :  %d",p1.rno);
                  g(50,12);
                  p(" Date    : " );
                  g(60,12);
                  p("%d/%d/%d",d.da_day,d.da_mon,d.da_year);
                  g(18,14);
                  p(" Received with thanks from  %s
 concessional the ",p1.nm);

                  fread(&b1,sizeof(struct bill1),1,fp2);
                  while(!feof(fp2))
                  {
                       if(b1.rgno==p1.rno)
                       {
                            am=b1.amount;
                            break;
                       }
                  fread(&b1,sizeof(struct bill1),1,fp2);
                  }

                  g(18,15);
                  p(" sum of Rupees  %d  only by cash payment
  .",am);
                  g(25,17);
                  p(" Rs. %d",am);
                  g(20,18);
                  p(" Cheques are subject to Realization.");
                  g(40,19);
```

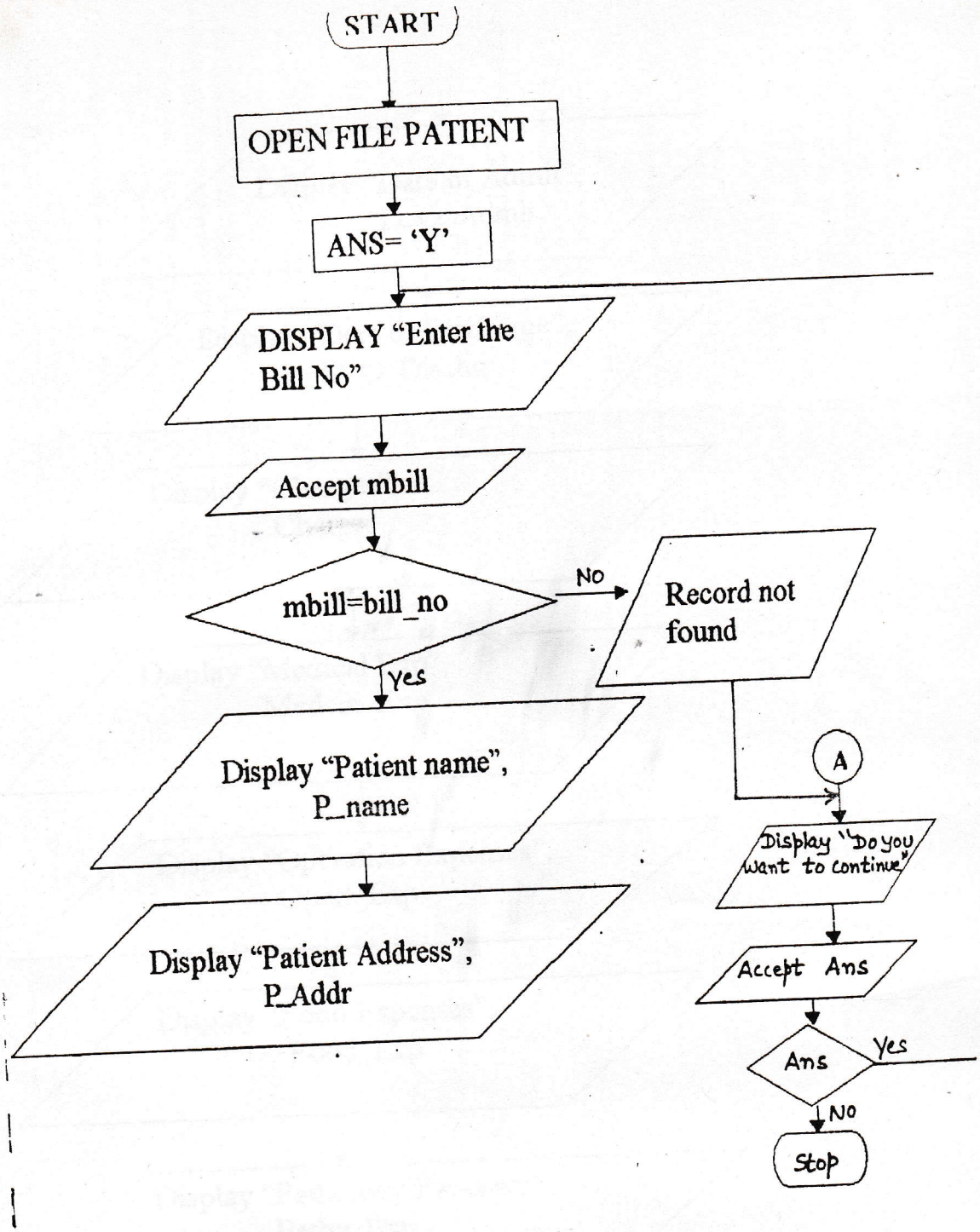
```
                p(" For Dewani Hospital & ");
                g(50,20);
                p(" Research Centre.");
                break;
            }
            fread(&p1,sizeof(struct pat),1,fp);
        }
        if(f==0)
        {
            clrscr();
            g(10,8);
            p(" Record Not Found.");
        }
        getch();
        fclose(fp);
        fclose(fp2);
    }

        /************HELP PROGRAMME***********/


    void help()
    {
        clrscr();
        g(4,3);
        p("DEWANI HOSPITAL & RESEARCH CENTRE .");
        g(65,3);
        p("HELP ")      ;
        box(2,4,78,24,5);
        g(14,6);
        p(" 1. Patient  :-");
        g(28,7);
        p("By choosing this option from the main menu we can");
        g(4,8);
        p(" enter patient's records & also modify them if
needed.");
        g(14,9);
        p(" 2.Doctor :- ");
        g(28,10);
        p("By choosing this option  we can enter doctor's ");
        g(4,11);
        p("details & modify & delete their records if needed.");
        g(14,12);
        p(" 3. Ward  :-");
        g(28,13);
        p(" We enter information of ward like bed avaibility
,");
```

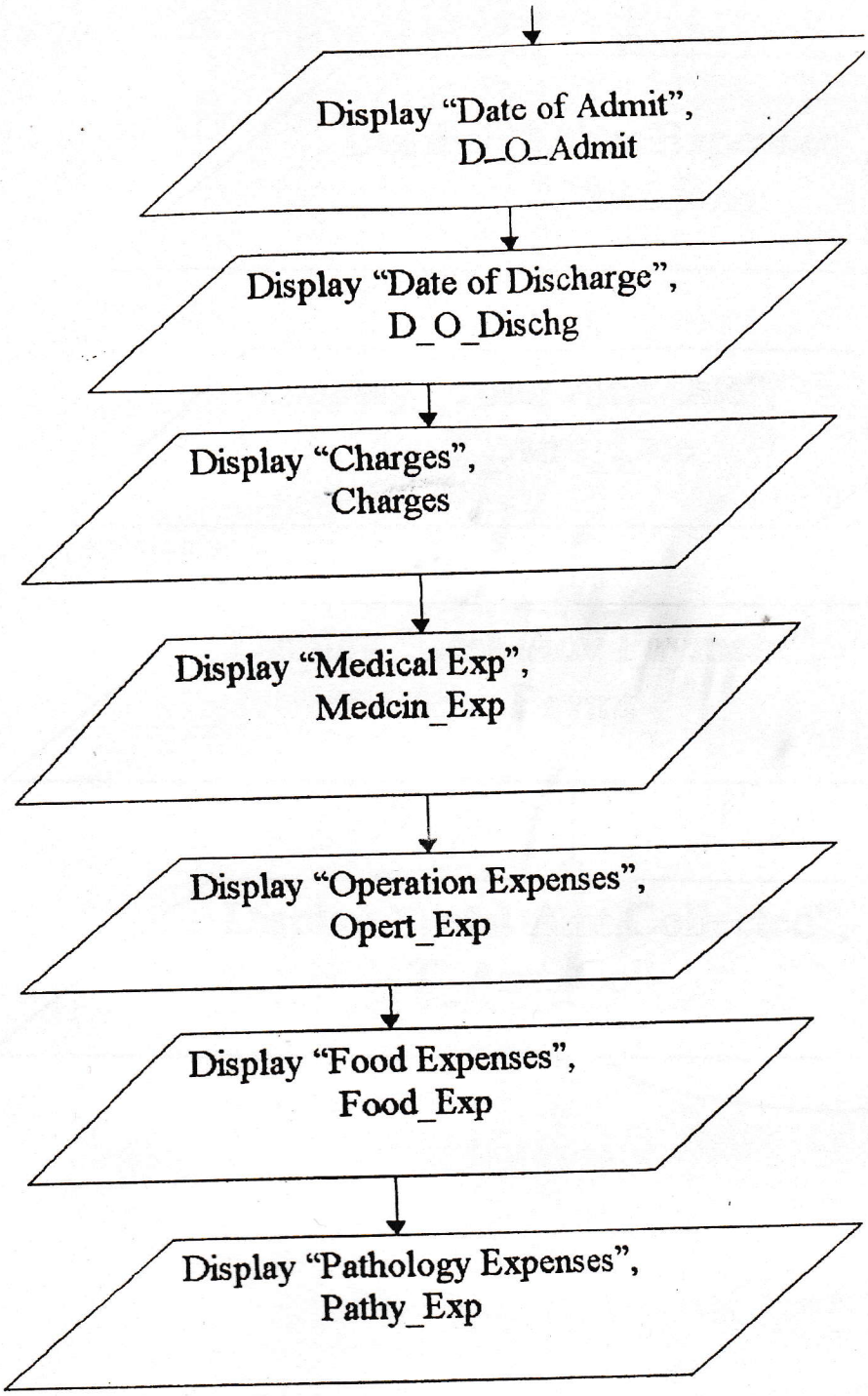
```
          g(4,14);
          p(" charges by choosing this option.");
          g(14,15);
          p(" 4. Treatment  :-");
          g(28,16);
          p("We can enter treatment information of hospital &
we");
          g(4,17);
          p(" can also enter service information provided to
patient individualy .");
          g(14,18);
          p(" 5. Information  :-");
          g(28,19);
          p("By this option we get details of all the parts of");
          g(4,20);
          p("hospital.");
          g(14,21);
          p(" 6. Bill  :-");
          g(28,22);
          p(" We get final bill of patient (to pay) by choosing
");
          g(4,23);
          p("this option.");
          getch();
        }

      void box(int ll,int tt,int rr,int bb,int c)
      {
      int a,e,r,t,b,l;
      l=ll;
      t=tt;
      r=rr;
      b=bb;
      textcolor(c);
      for(a=l;a<r;a++)
           {
           g(a,t);
           cprintf("%c",205);
           g(a,b);
            cprintf("%c",205);
            }
      for(e=t;e<=b;e++)
           {
           g(l,e);
           cprintf("%c",186);
           if(e==t) {     g(l,e);cputs("É");}
           if(e==b) {     g(l,e);cputs("È");}
           g(r,e);
           cprintf("%c",186);
           if(e==t) {     g(r,e);cputs("»");}
```

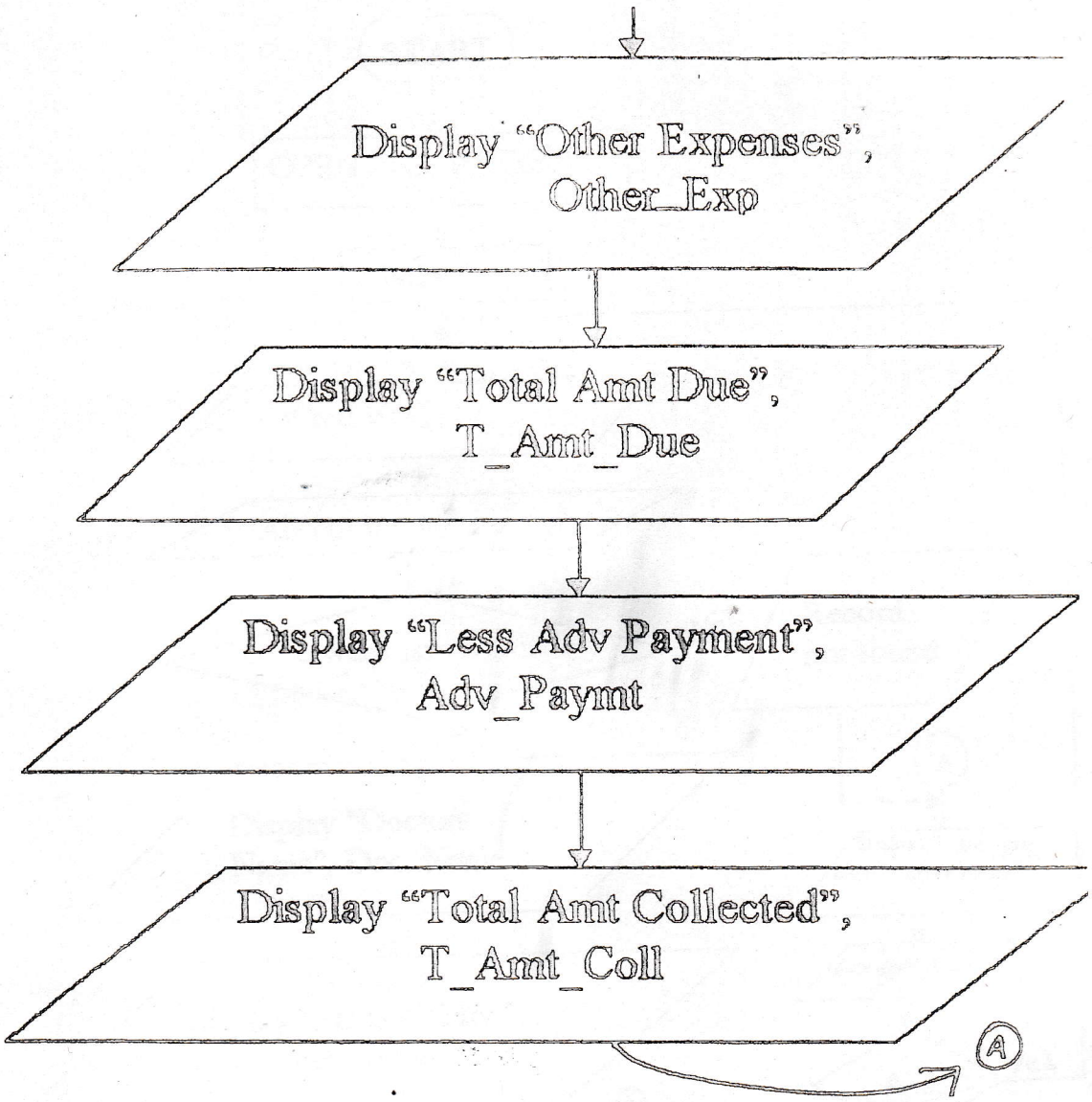
```
        if(e==b) {      g(r,e);cputs("1/4");}
        }
          textcolor(WHITE);

          }

    int putint(int o,int c,int r,int z)
    {
          int i;
          char nm[10] ;
               nm[0]=0;
             if(o!=0) itoa(o,nm,10);
             if (!enterstring(nm,"1234567890", z,c,r  /*|| (s[0]
== 0)*/)
               return 0;
          nm[z+1]=0;
          i=atoi(nm);
          return(i);
     }



int enterstring(char *s, char *legal, int maxlength,int col,int
row)
{
 int c,a, len = strlen(s), pos = len;// insert = TRUE;
// char c;
if(len>0)
{
g(col,row);
puts(s);
}
 do
 {
  gotoxy(col+pos , row);
  switch(c = getch())
  {
   case 8 :
    if (pos > 0)
    {
     pos--;
     len--;
    gotoxy(col+pos,row);
      puts(" ");
    gotoxy(col+pos,row);

    }
    break;
    case 27 :
```

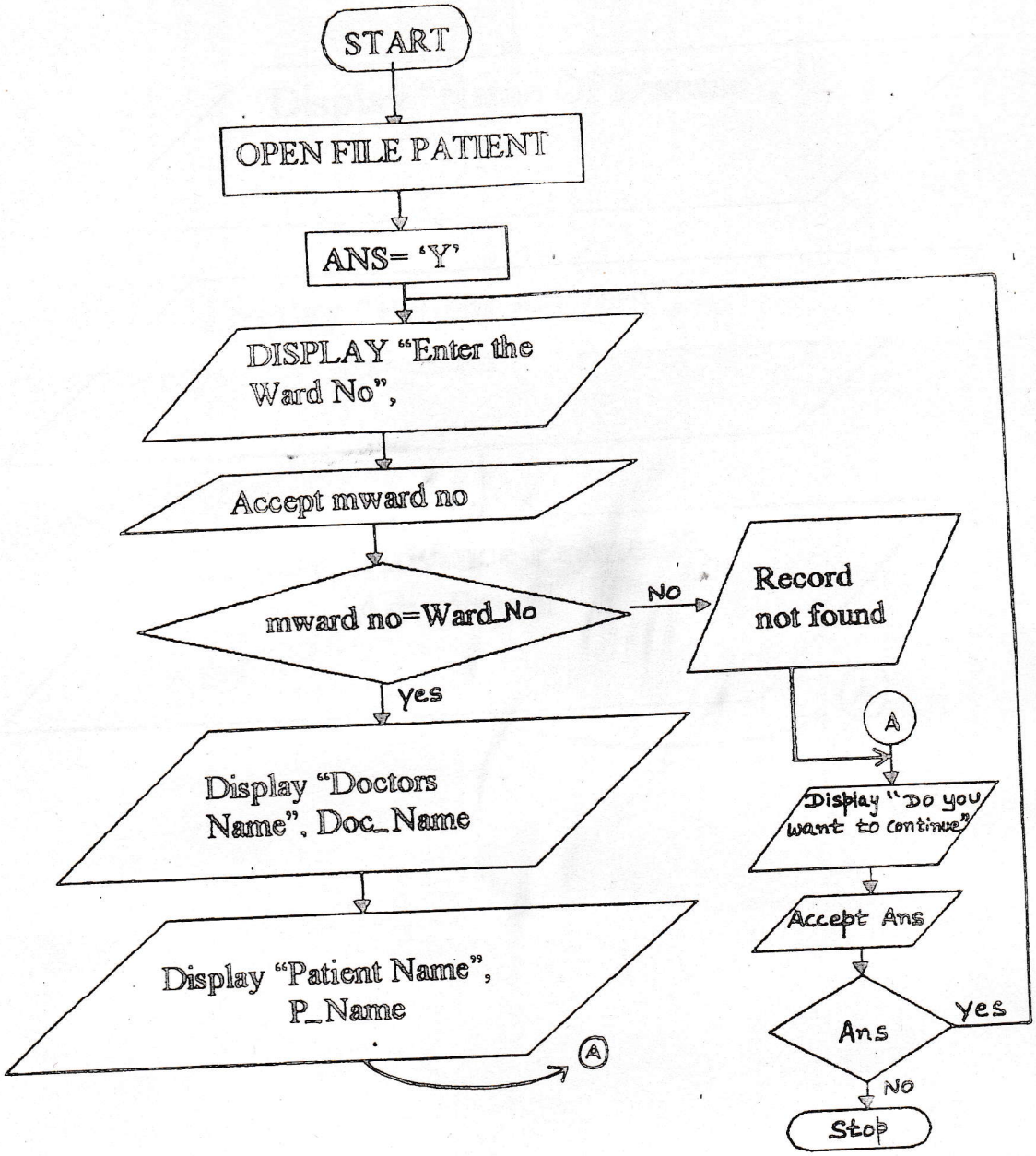
```
  len = 0;
  break;

  default :
   if (((legal[0] == 0) || (strchr(legal, c) != NULL)) &&
   ((c >= ' ') && (c <= '~')) &&
   (len < maxlength))
        {
           printf("%c ",c);
           s[len]=c;
            len++;
            pos++;
         }
        else
        if(c!=13)  printf("\a");
   break;
 } /* switch */
 s[len] = 0;
}
while ((c != 13) && (c != 27));

return(c != 27);

} /* editstring */

//*************************************************************\\
```

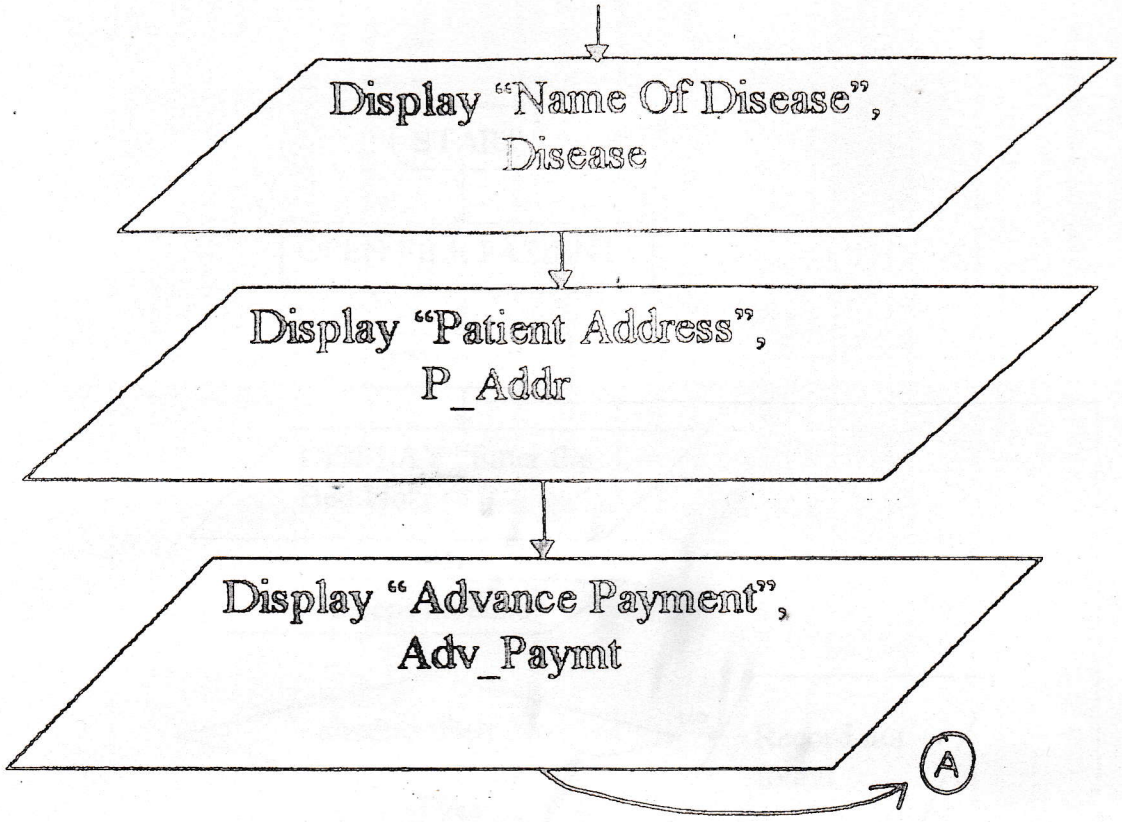
FLOW CHART

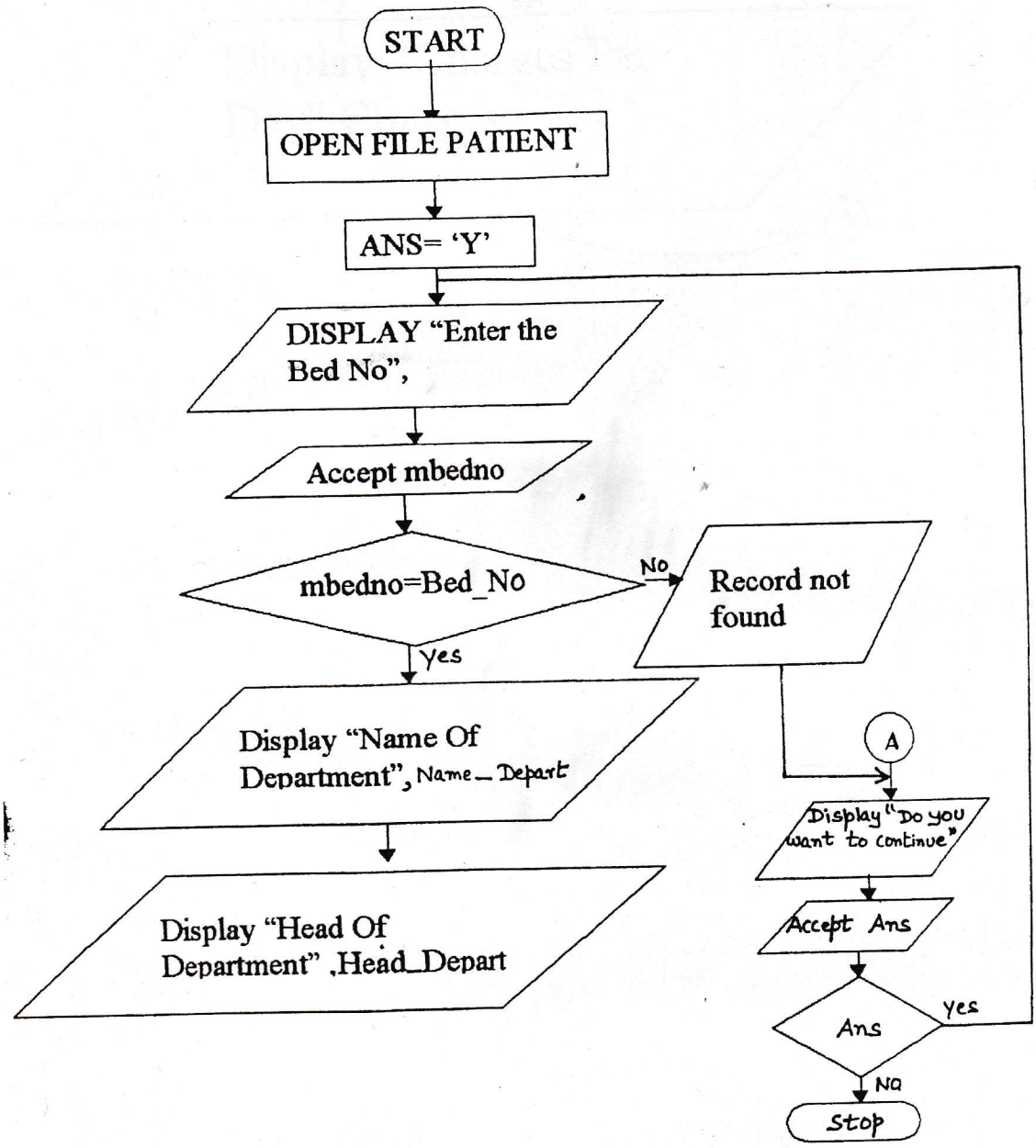

START
OPEN FILE PATIENT
ANS= 'Y'
DISPLAY "Enter the Bill No"
Accept mbill
mbill=bill_no
No
Record not found
Yes
Display "Patient name", P_name
Display "Patient Address", P_Addr
A
Display "Do you want to continue"
Accept Ans
Ans
Yes
No
Stop

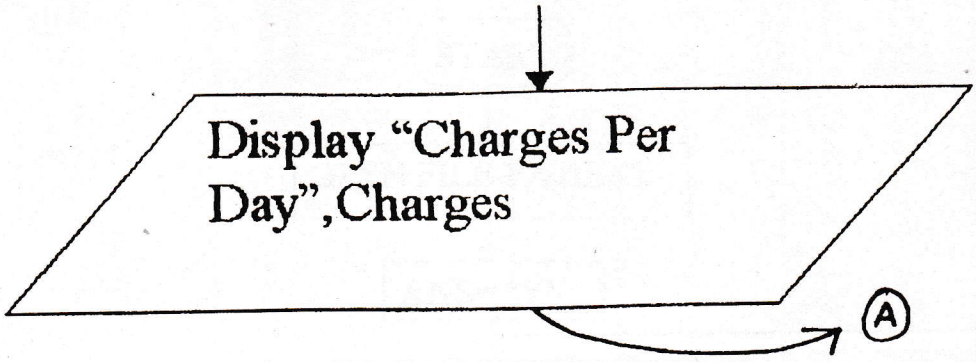

Display "Date of Admit",
D_O_Admit
Display "Date of Discharge",
D_O_Dischg
Display "Charges",
Charges
Display "Medical Exp",
Medcin_Exp
Display "Operation Expenses",
Opert_Exp
Display "Food Expenses",
Food_Exp
Display "Pathology Expenses",
Pathy_Exp

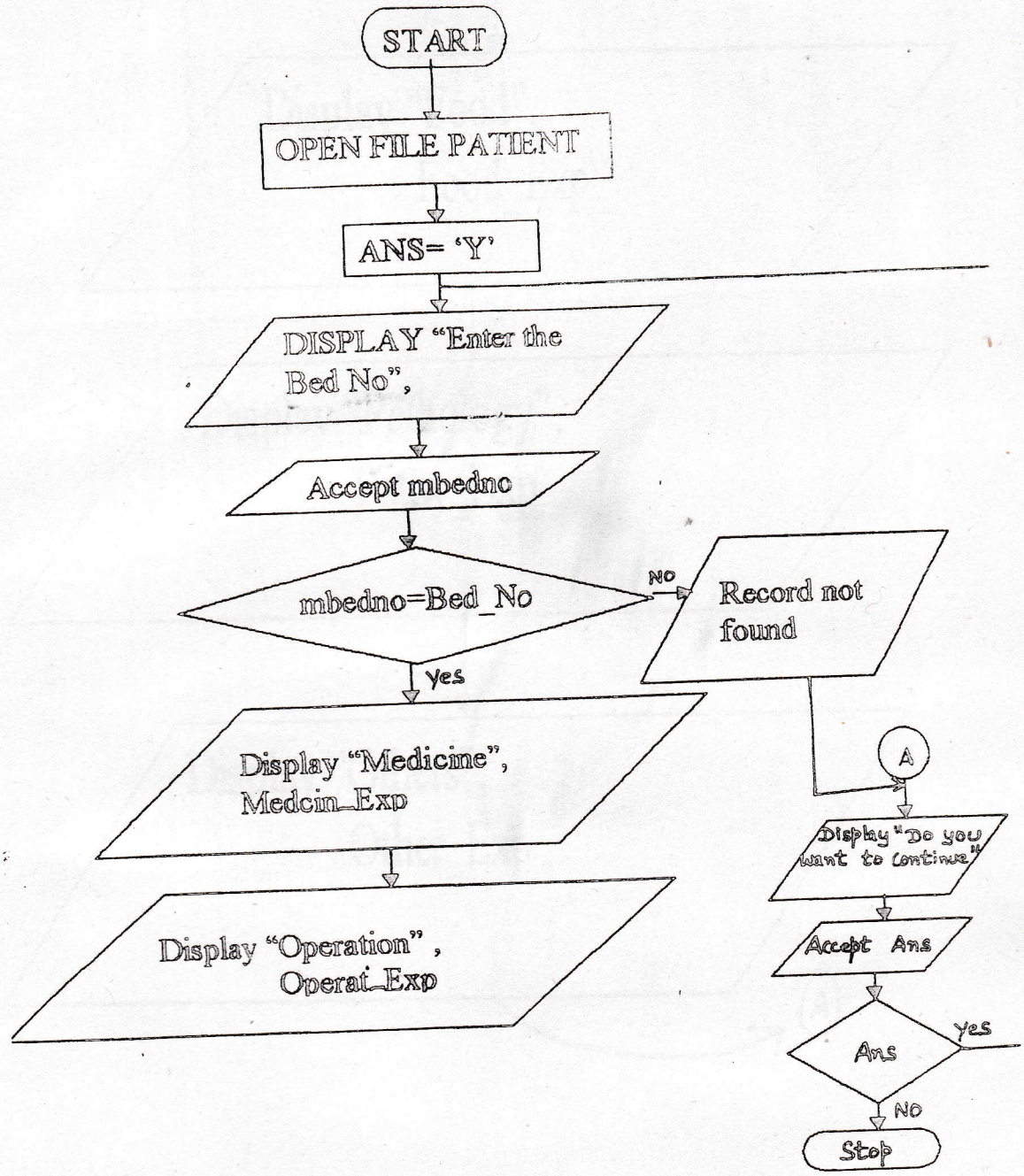

Display "Other Expenses",
Other_Exp
Display "Total Amt Due",
T_Amt_Due
Display "Less Adv Payment",
Adv_Paymt
Display "Total Amt Collected",
T_Amt_Coll
A

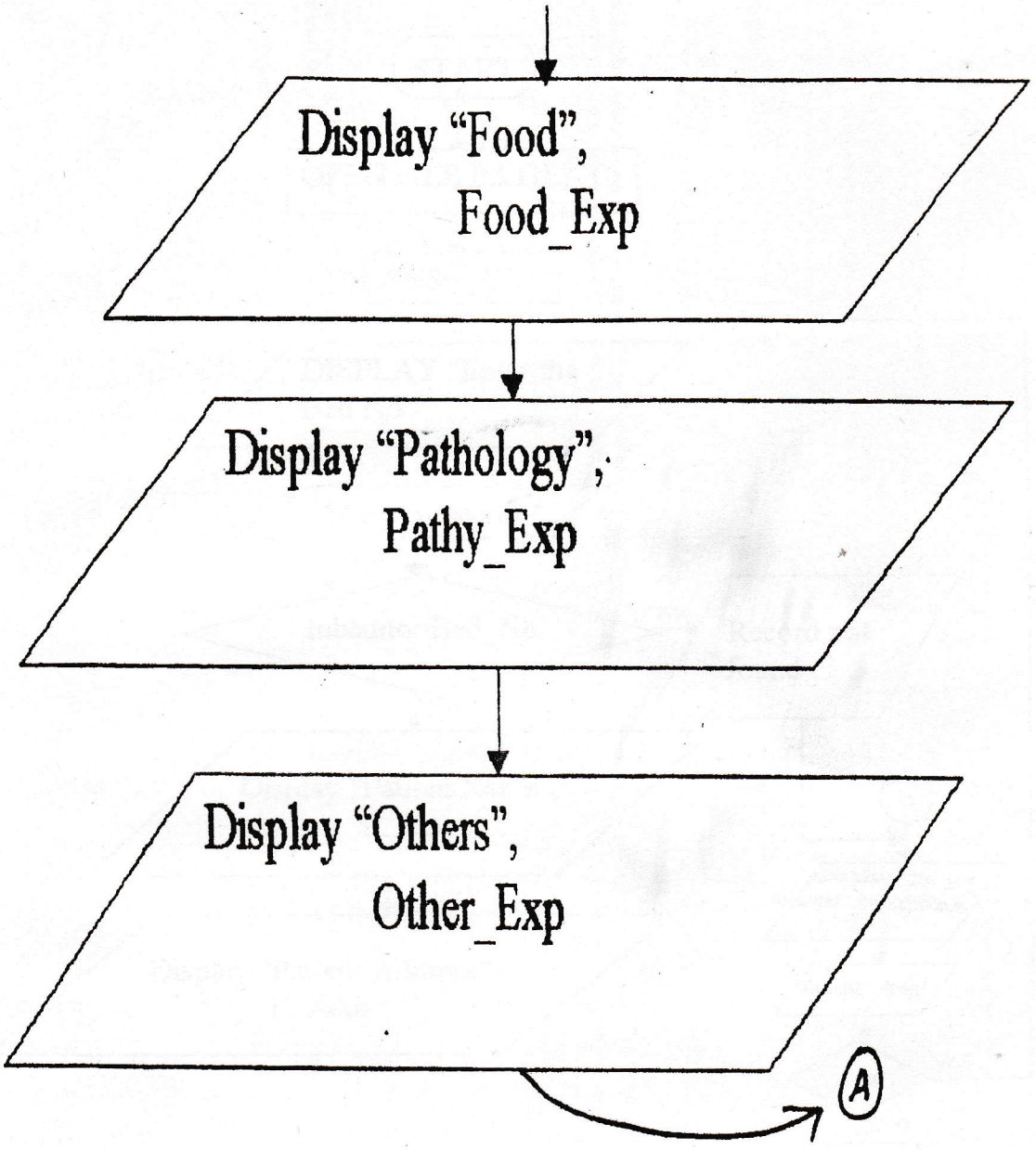

START
OPEN FILE PATIENT
ANS= 'Y'
DISPLAY "Enter the Ward No",
Accept mward no
mward no=Ward_No
No
Record not found
Yes
A
Display "Doctors Name", Doc_Name
Display "Patient Name", P_Name
A
Display "Do you want to continue"
Accept Ans
Ans
Yes
No
Stop

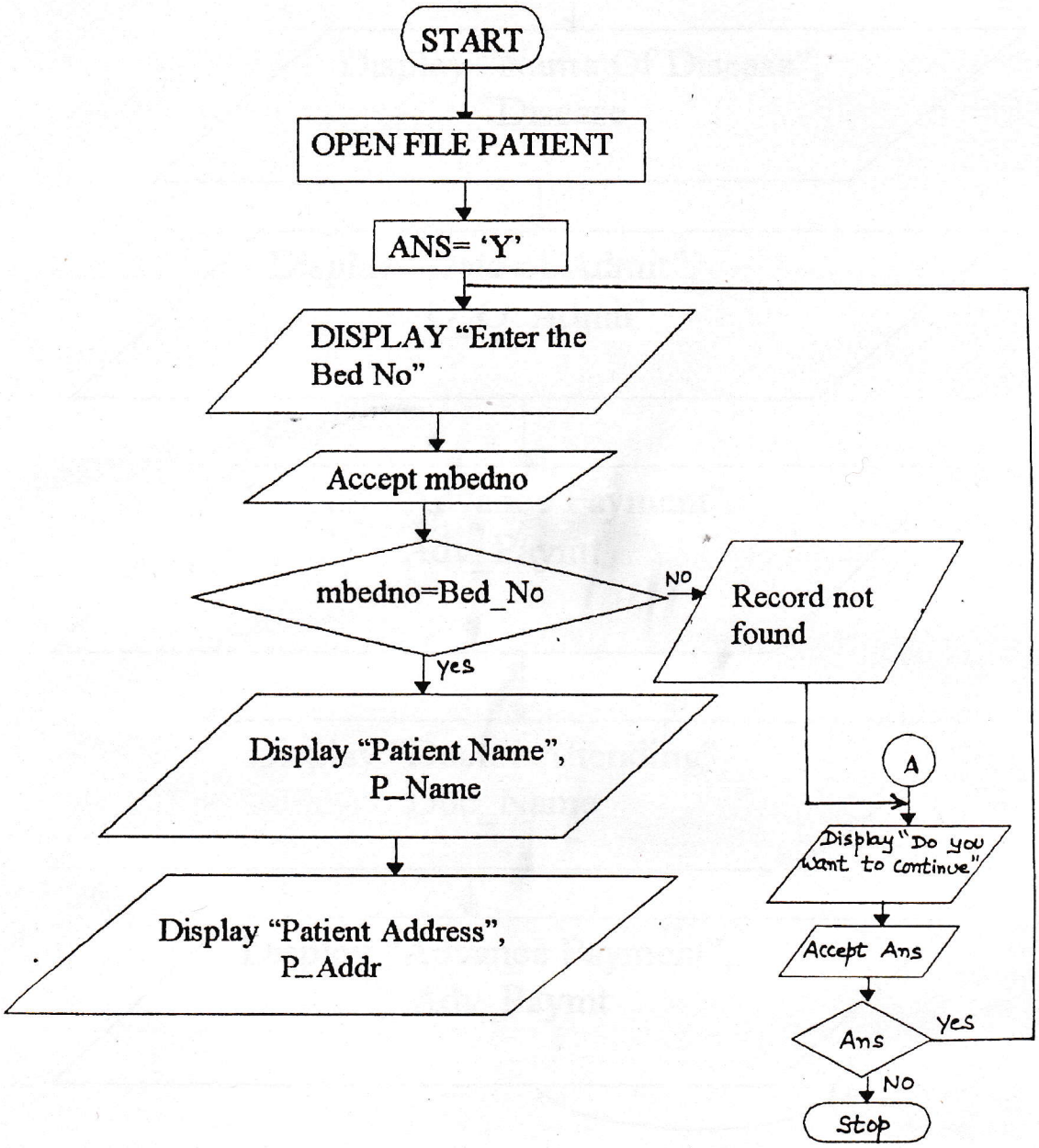

Display "Name Of Disease",
Disease
Display "Patient Address",
P_Addr
Display "Advance Payment",
Adv_Paymt
A

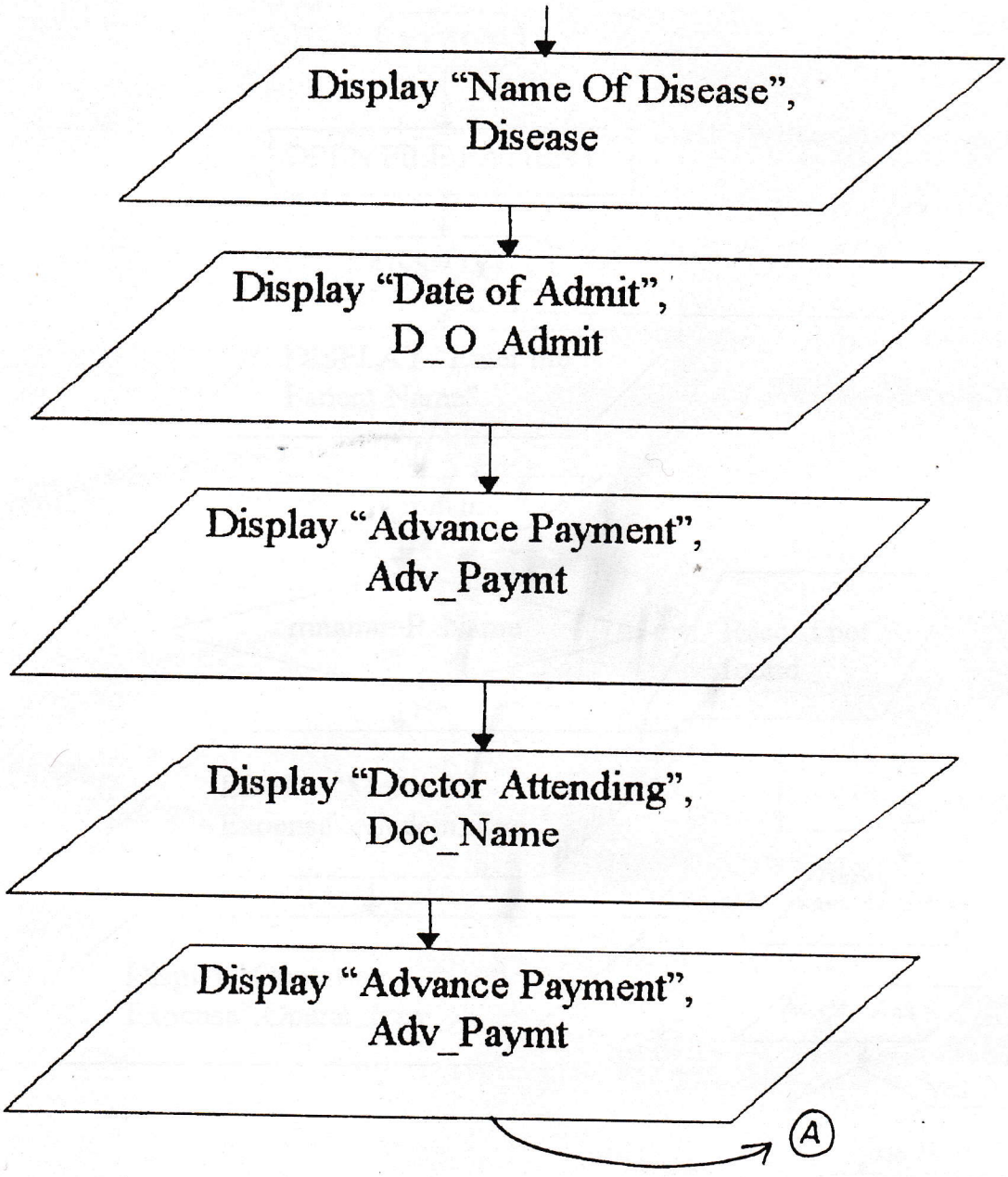

START
OPEN FILE PATIENT
ANS= 'Y'
DISPLAY "Enter the Bed No",
Accept mbedno
mbedno=Bed_No
No
Record not found
Yes
Display "Name Of Department", Name_Depart
Display "Head Of Department" ,Head_Depart
A
Display "Do you want to continue"
Accept Ans
Ans
Yes
No
Stop

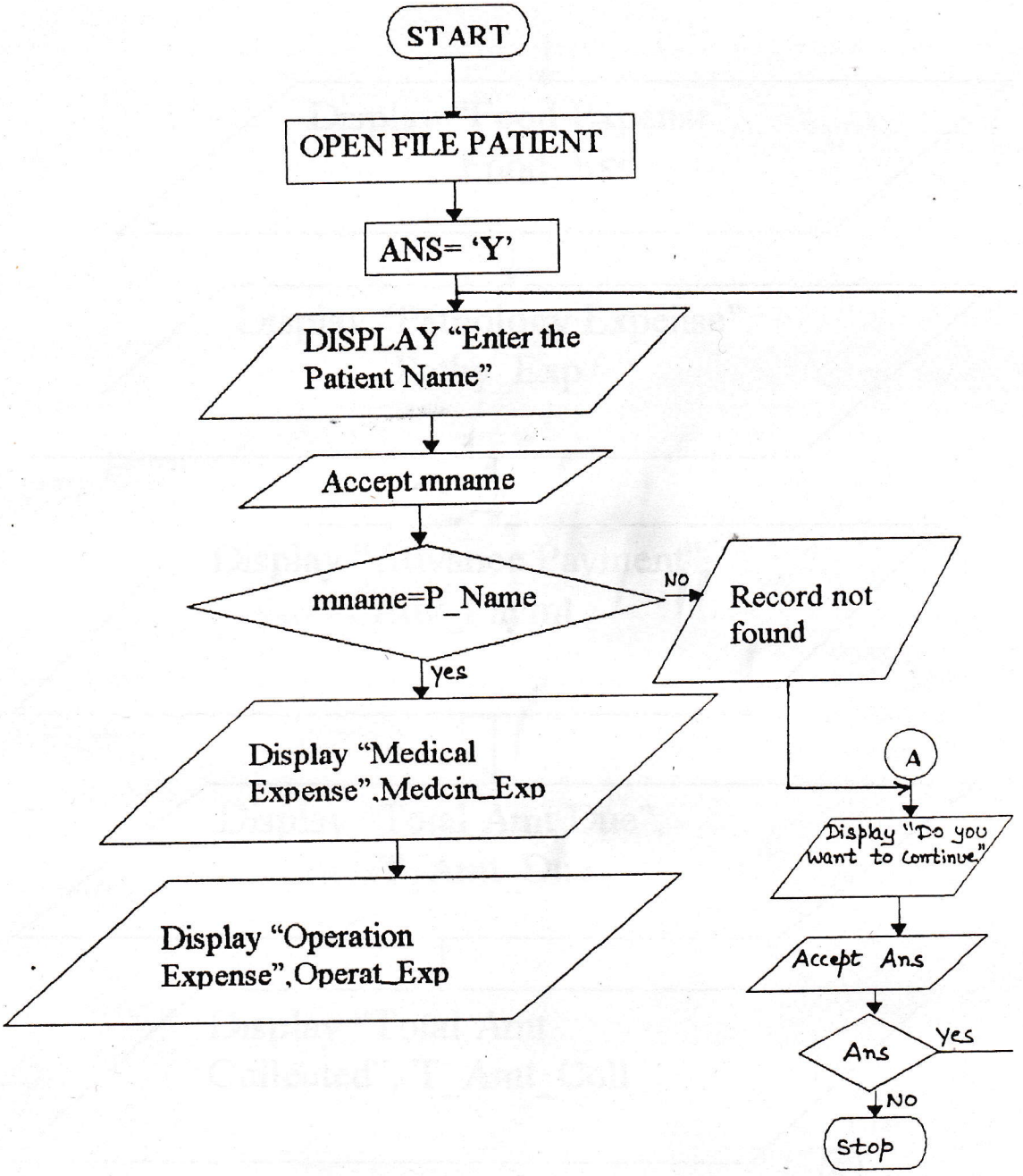

Display "Charges Per Day",Charges
A

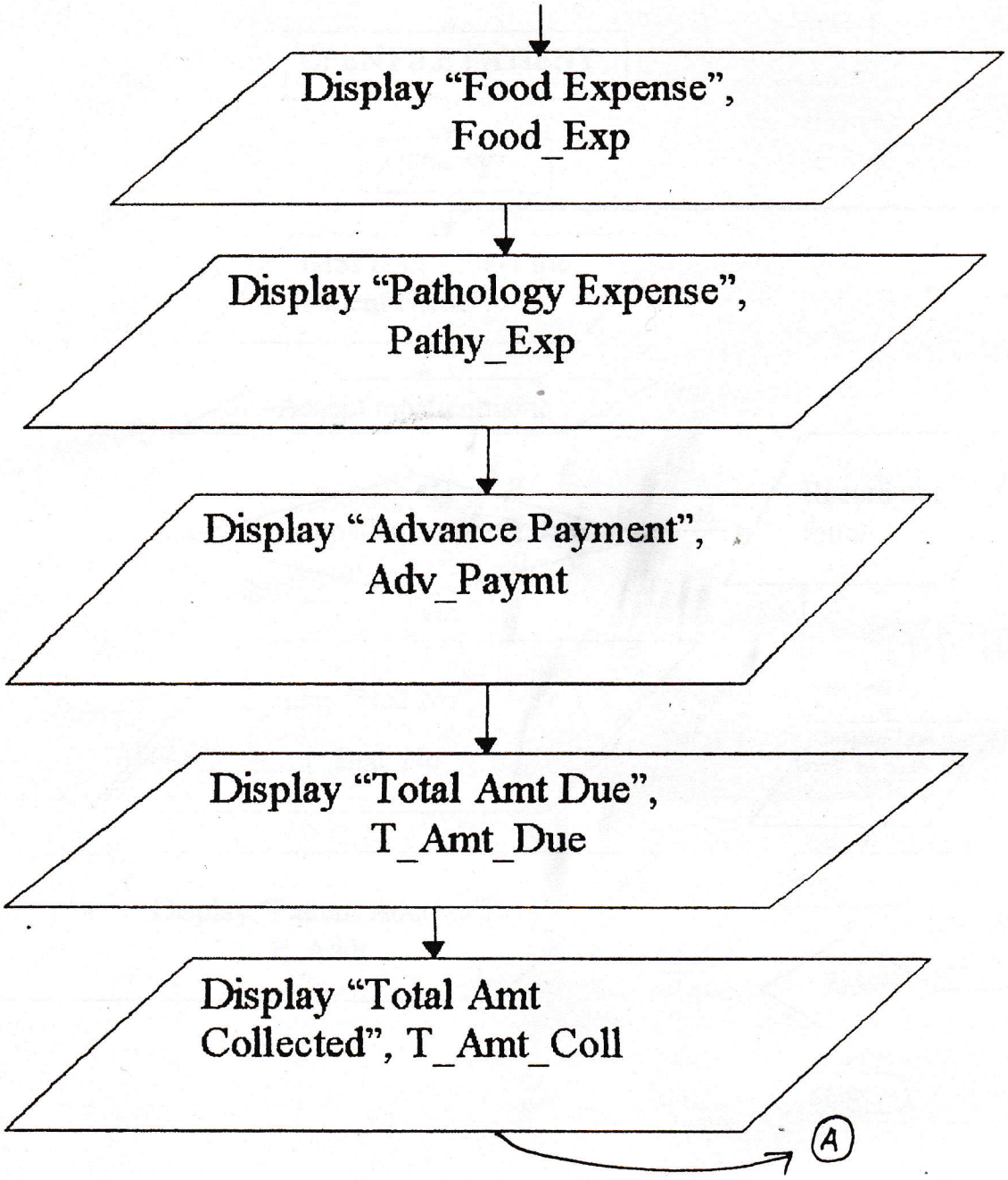

START
OPEN FILE PATIENT
ANS= 'Y'
DISPLAY "Enter the Bed No",
Accept mbedno
mbedno=Bed_No
NO
Record not found
Yes
Display "Medicine", Medcin_Exp
Display "Operation", Operat_Exp
A
Display "Do you want to continue"
Accept Ans
Ans
Yes
NO
Stop

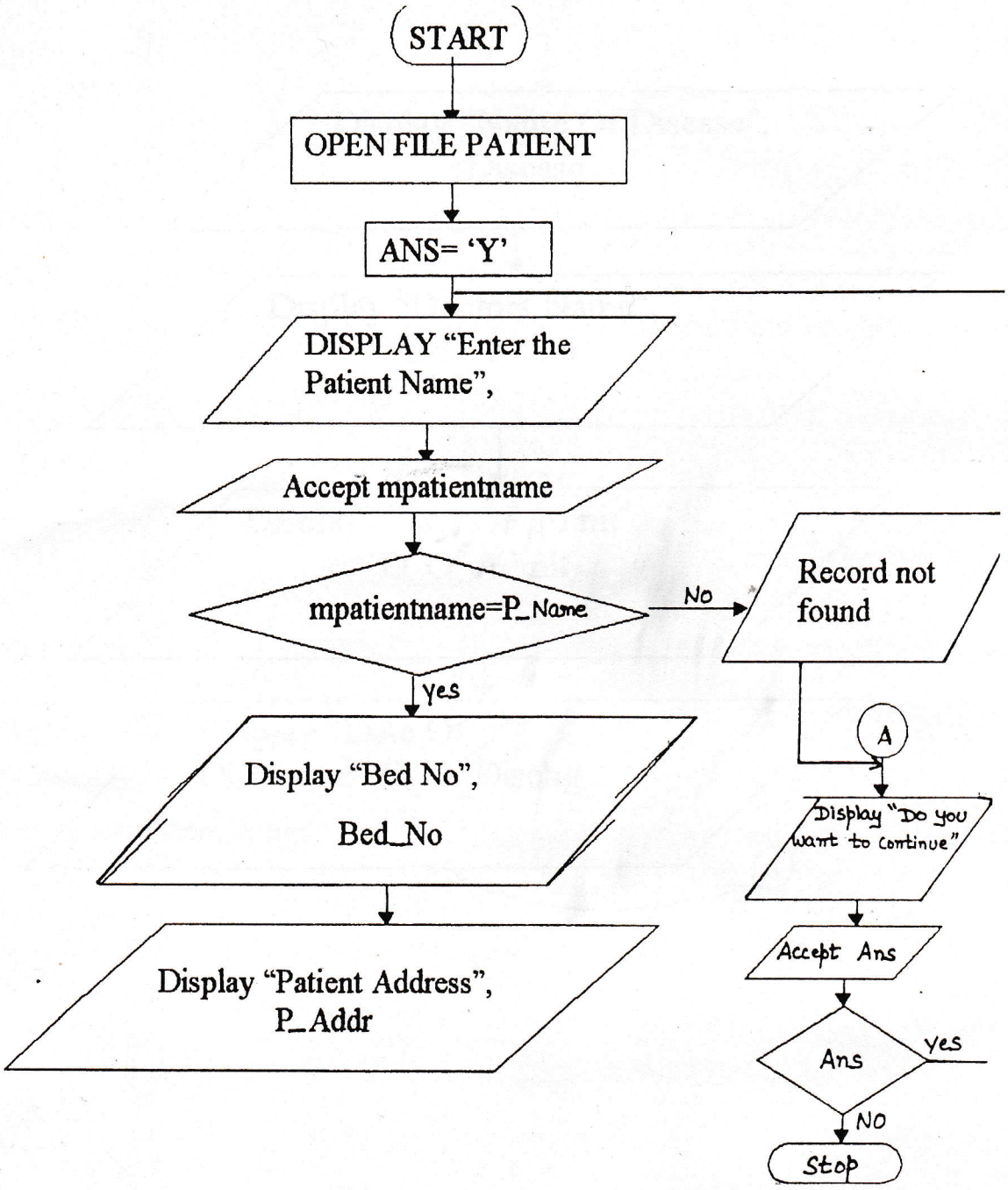

Display "Food",
Food_Exp
Display "Pathology",
Pathy_Exp
Display "Others",
Other_Exp
A

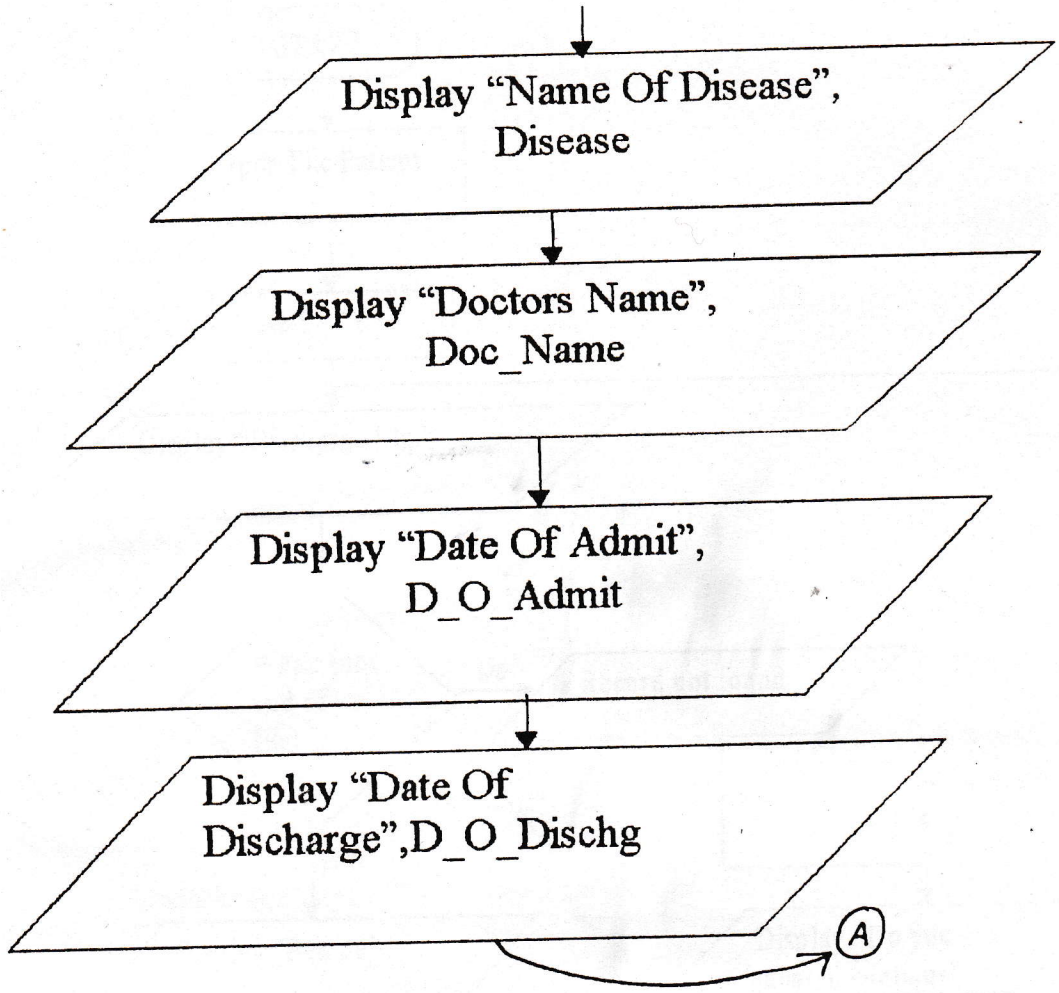

START
OPEN FILE PATIENT
ANS= 'Y'
DISPLAY "Enter the Bed No"
Accept mbedno
mbedno=Bed_No
NO
Record not found
yes
Display "Patient Name", P_Name
Display "Patient Address", P_Addr
A
Display "Do you want to continue"
Accept Ans
Ans
Yes
NO
Stop

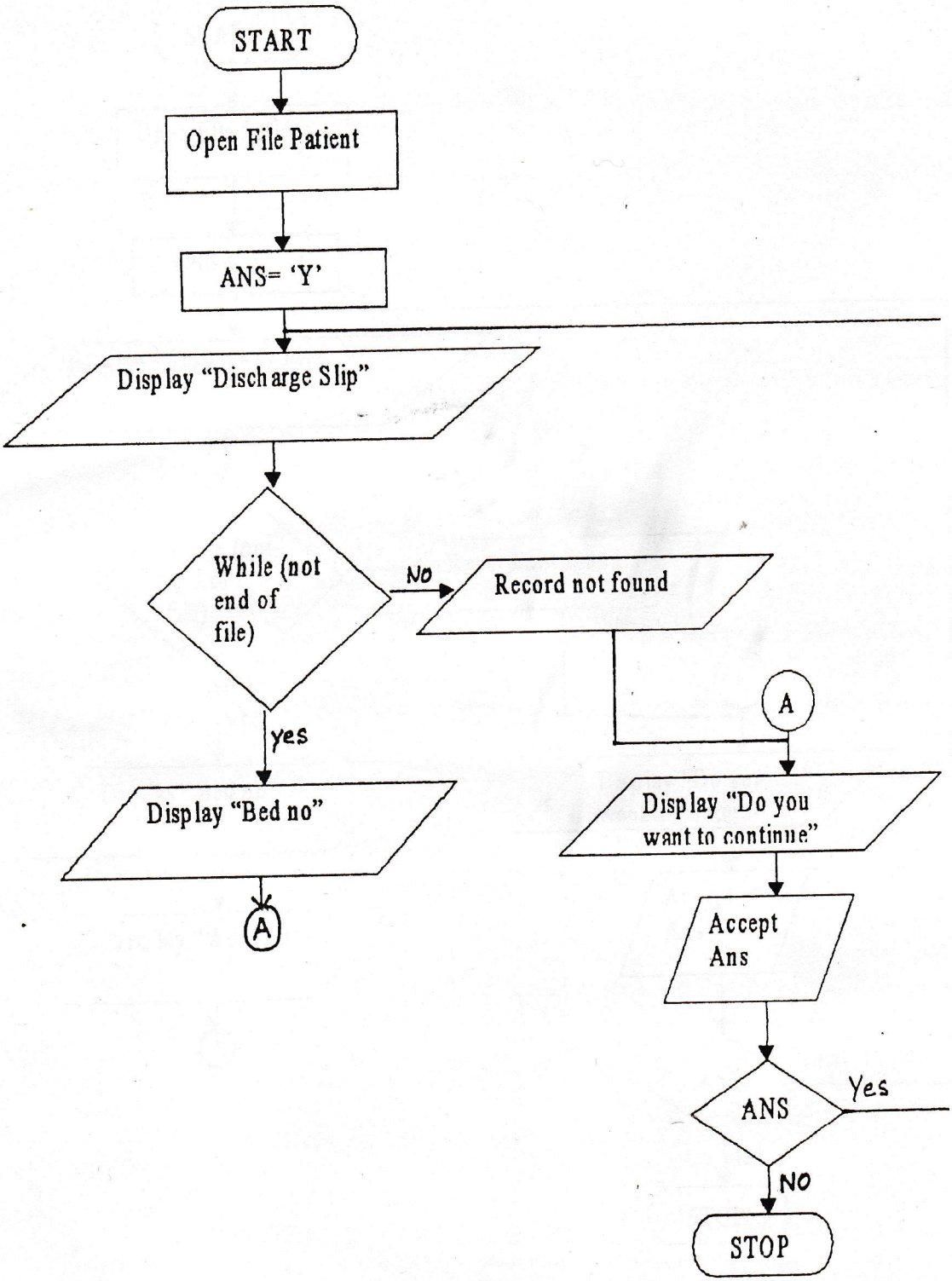

Display "Name Of Disease",
Disease
Display "Date of Admit",
D_O_Admit
Display "Advance Payment",
Adv_Paymt
Display "Doctor Attending",
Doc_Name
Display "Advance Payment",
Adv_Paymt
A

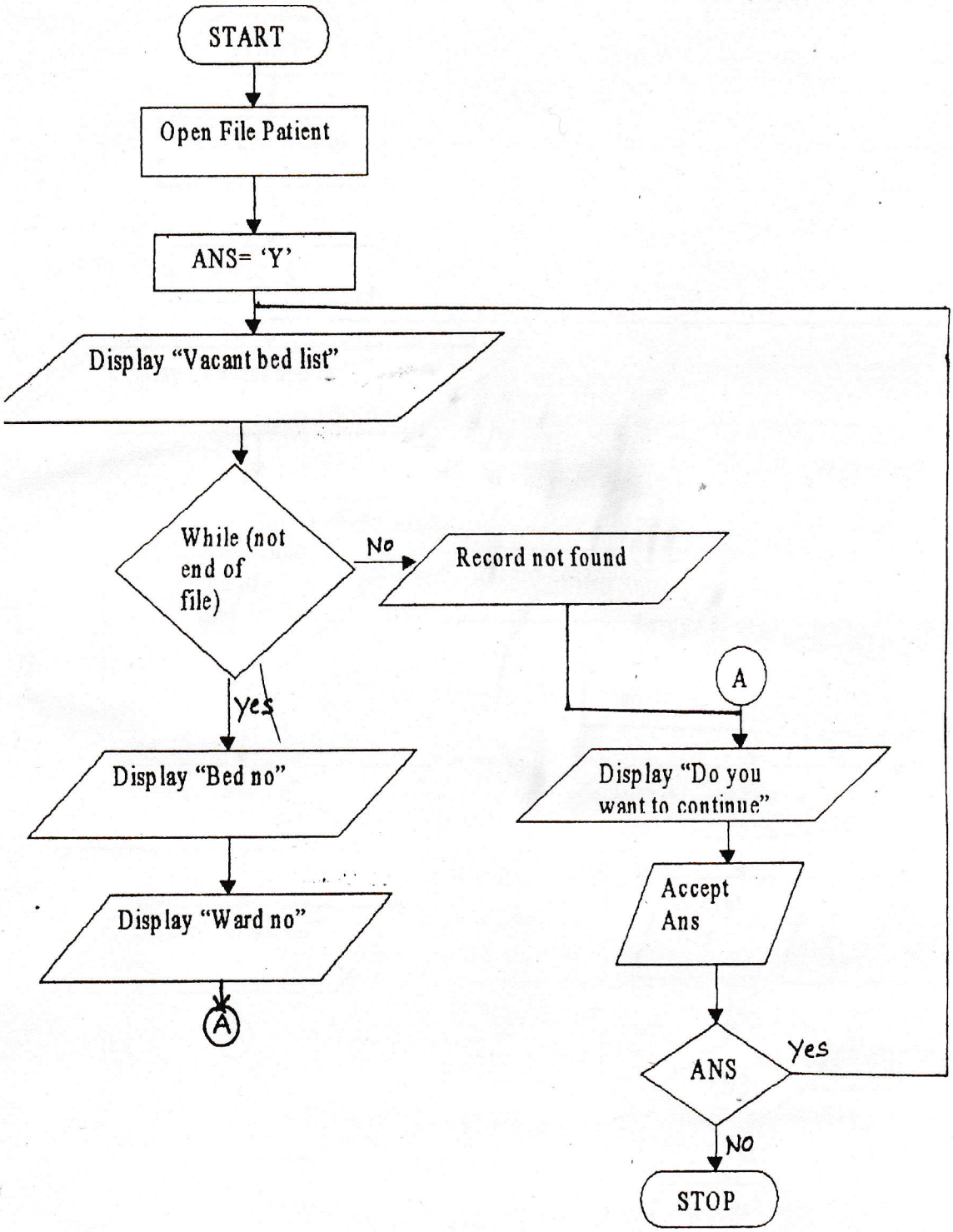

START
OPEN FILE PATIENT
ANS= 'Y'
DISPLAY "Enter the Patient Name"
Accept mname
mname=P_Name
NO
Record not found
yes
Display "Medical Expense",Medcin_Exp
Display "Operation Expense",Operat_Exp
A
Display "Do you want to continue"
Accept Ans
Ans
Yes
NO
Stop

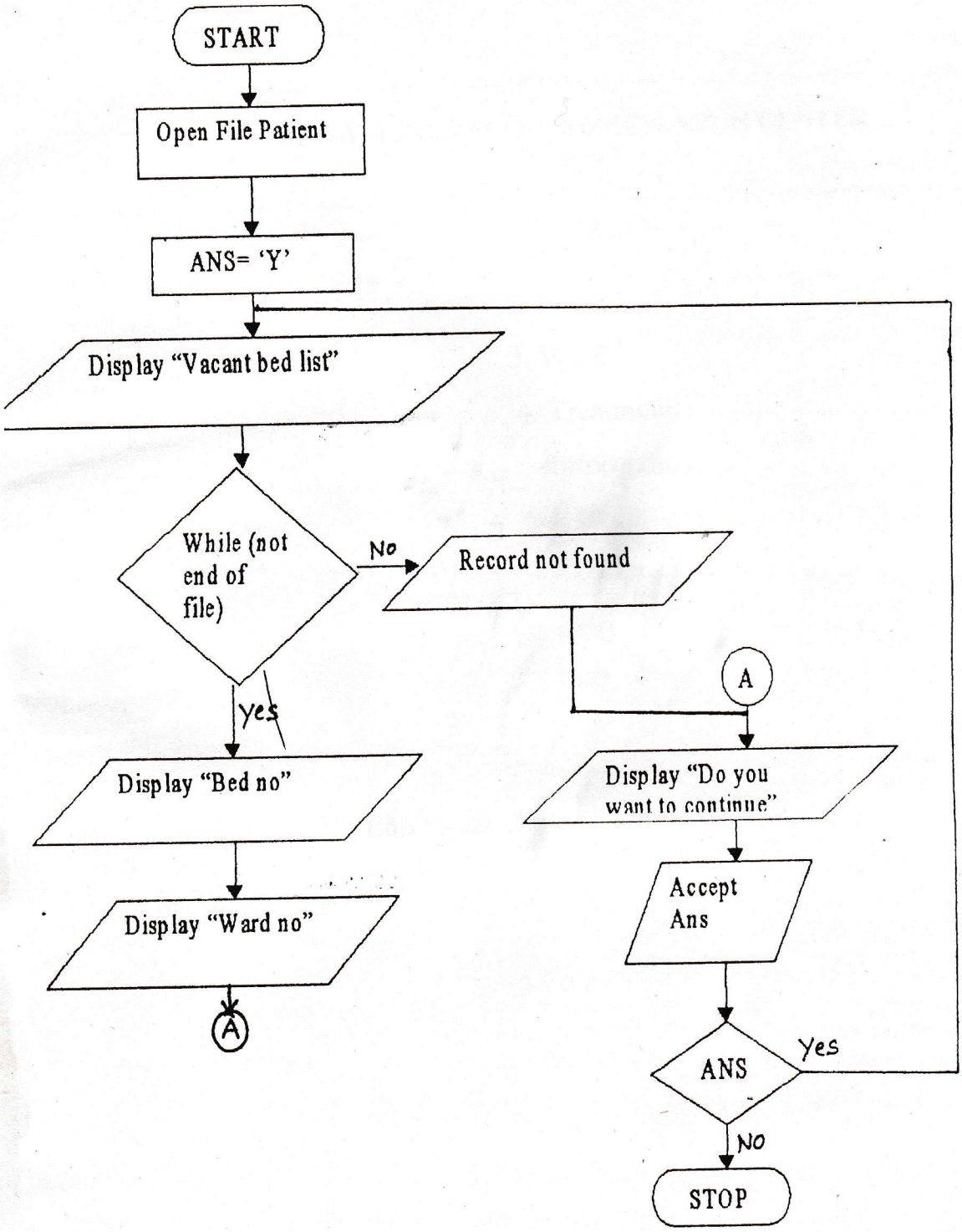

Display "Food Expense", Food_Exp
Display "Pathology Expense", Pathy_Exp
Display "Advance Payment", Adv_Paymt
Display "Total Amt Due", T_Amt_Due
Display "Total Amt Collected", T_Amt_Coll
A


START
OPEN FILE PATIENT
ANS= 'Y'
DISPLAY "Enter the Patient Name",
Accept mpatientname
mpatientname=P_Name
No
Record not found
Yes
A
Display "Bed No",
Bed_No
Display "Patient Address",
P_Addr
Display "Do you want to continue"
Accept Ans
Ans
Yes
NO
Stop


Display "Name Of Disease", Disease
Display "Doctors Name", Doc_Name
Display "Date Of Admit", D_O_Admit
Display "Date Of Discharge",D_O_Dischg
A


START
Open File Patient
ANS= 'Y'
Display "Discharge Slip"
While (not end of file)
NO
Record not found
yes
Display "Bed no"
A
A
Display "Do you want to continue"
Accept Ans
ANS
Yes
NO
STOP


START
Open File Patient
ANS= 'Y'
Display "Vacant bed list"
While (not end of file)
No
Record not found
Yes
Display "Bed no"
Display "Ward no"
A
A
Display "Do you want to continue"
Accept Ans
ANS
Yes
NO
STOP


START
Open File Patient
ANS= 'Y'
Display "Vacant bed list"
While (not end of file)
No
Record not found
Yes
Display "Bed no"
Display "Ward no"
A
A
Display "Do you want to continue"
Accept Ans
ANS
Yes
NO
STOP

DEWANI HOSPITAL AND RESEARCH CENTER

1. Patient
2. Doctor.
3. Ward .
4. Treatment.
5. Information.
6. Bill.
7. Receipt.
8. Help.
9. Quit.

Enter your choice from no's 1 to 9. :

DEWANI HOSPITAL & RESEARCH CENTRE .

PATIENT'S ENTRY .

Registration No.	:	2	Admission Date :	25/9/2000
Patient's Name	:	RUPESH		
F/H Name	:	NARESH		
Sex (F/M)	:	M	Age :30	
Address	:	REST HOUSE		
Disease : EYE				
Doctor's Code	:	1		
Doctor's Name	:	NARESH		
Specialist : EYE				
Ward Type.	:	4	Bed No. : 6	
Deposit Amount	:	Rs.200		

Do You Want To Continue (y/n)? N

DEWANI HOSPITAL & RESEARCH CENTRE.

DOCTOR'S INFORMATION.

Date	:	25/9/2000
Doctor's Code	:	1
Doctor's Name	:	NARESH
Age	:	40
Address	:	T. T. Nagar, Bhopal - 462 003
Specialist	:	EYE

DEWANI HOSPITAL & RESEARCH CENTRE .

PATIENT'S BILL .

Bill No. : 2

Registration No. : 2 Date : 25/9/2000

Patient's Name : RUPESH

Ward Type : 4

Bed No. : 6 Total No. Of Days : 2

Particulars Charges

Ward Charges	:	Rs. 100
Doctor Fees	:	Rs. 450
Other Charges	:	Rs. 100
Total	:	Rs. 650
Deposit	:	Rs. 200
Net Amount To Pay	:	Rs. 450

DEWANI HOSPITAL & RESEARCH CENTER

E-7 HIG-454,Arera Colony Bhopal-462016.

Reg_no. : 2 Date : 25/9/2000

Received with thanks from RUPESH concessional the sum of Rupees 250 only by cash payment . Rs. 250

Cheques are subject to Realization.

For **Dewani Hospital & Research Centre.**

THANKS FOR USING THIS SOFTWARE