DS PROJECT

THE SHOPPING MALL

THE OPULENT

EDITED BY:ANURAG GOEL

Made by:

(1) ANURAG GOEL	**12102409**
(2) IRSHAD ALI	
(3) AKSHAY GARG	
(4) SANTOSH SHARMA	

The important core functions of project.

 void printTitle(void);//print project title

void menu2(void);//print main -menu of project

void printTitle2(void);//print border and project title

void fs(void);//for circle animation page

void help(void);//for help menu

int Password(void);//for passworord menu

void start(void);//for border printing

void pass(void);//for checking password

void day(void);//for day printing

void showMenu(void);//for showing menu

void menu(void);//for main menu

void inv(void);//for making sound on invlid entry

void itemf(void);//for adding items

void edit_item();//for editing items

void option1(void);//for viewing itmes

void view_item(void);//forr viewing items

void delete_item(void);//for deleting items

```
void add_item(void);//for adding items

void menu(void);//for shop management menu

void start2(void);//for printing borders

void shopa(void);//for shop addition

void shopd(void);//for shop deletion

void shope(void);//for shop edition

void shopv(void);//for shop viewing

void shpfn(void);//for shop menu

void funto(void);//for 1st page(graphics)

void add_customer(void);//for booking items

void view_customer(void);//for prev record

void delete_customer(void);//for cancel order

int addemp();//for adding employs

int editemp();//for employ addition

int viewemp();//for viewing employ

int opt();//for employ searching

int emenu();//for employ management menu
```
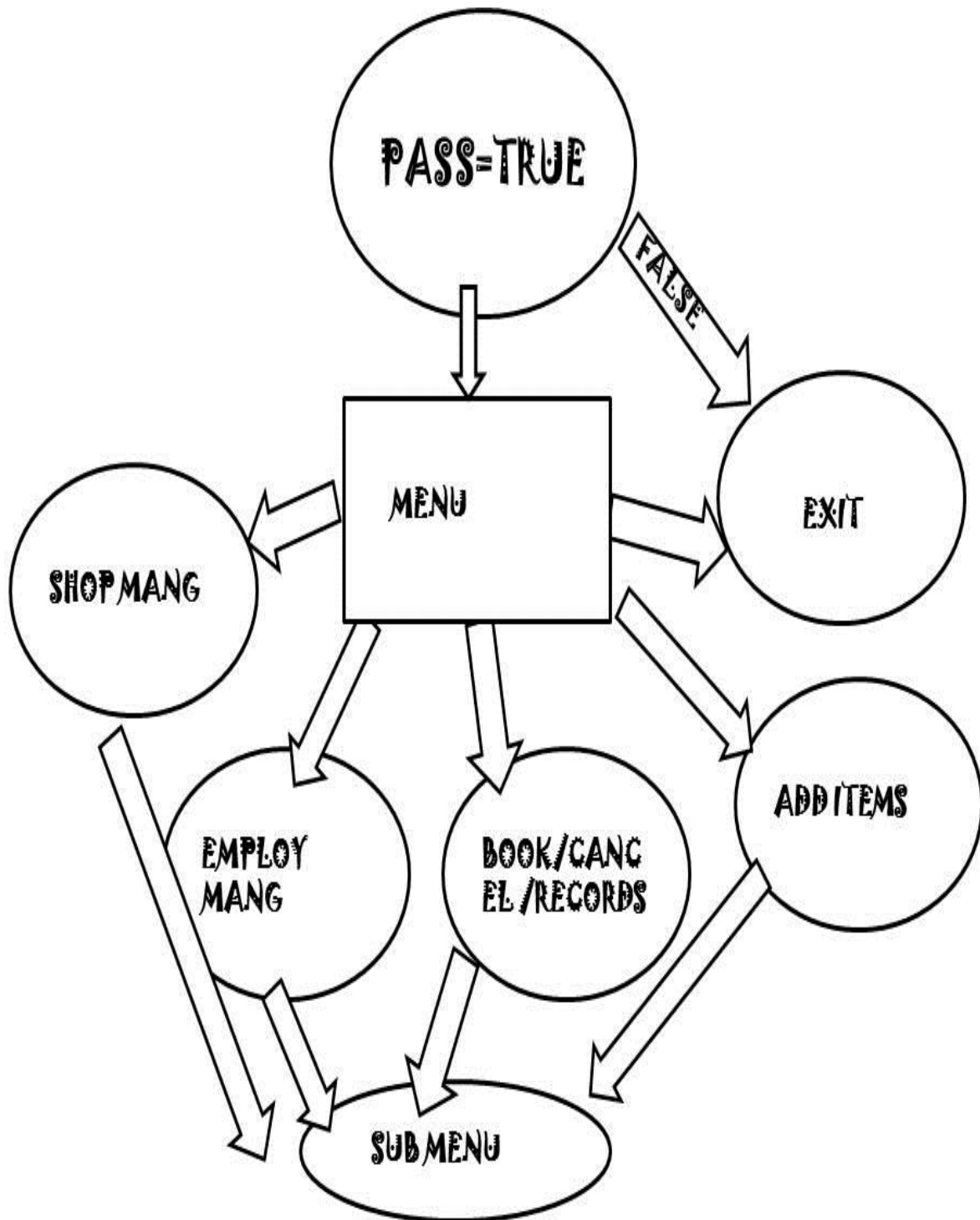
FLOW CHART

PASS=TRUE

FALSE

MENU

EXIT

SHOP MANG

EMPLOY MANG

BOOK/CANCEL/RECORDS

ADD ITEMS

SUB MENU

LIST OF DATA STRUCTURE USED

(1) ARRAYS AND STRUCTURES

(2) STRINGS

(3) LINKED LIST

(4) MULTI LIST

(5) SORTING

(6) SEARCHING

```c
#include <graphics.h>

#include <dos.h>

#include <conio.h>

#include<stdio.h>

#include<string.h>

#include<time.h>

#include<stdlib.h>

void printTitle(void);

void menu2(void);

void printTitle2(void);

void fs(void);

void help(void);

int Password(void);

void start(void);

void pass(void);

void day(void);

void showMenu(void);

void menu(void);
```

```c
void inv(void);

void itemf(void);

void edit_item();

void option1(void);

void view_item(void);

void delete_item(void);

void add_item(void);

void menu(void);

void start2(void);

void shopa(void);

void shopd(void);

void shope(void);

void shopv(void);

void shpfn(void);

void funto(void);

void men(void);

void add_customer(void);

void view_customer(void);
```

```
void delete_customer(void);

int addemp();

int editemp();

int viewemp();

int opt();

int emenu();

struct record1 {

        char name[20];

        char addr[40];

        char pnum[15];

        char dob[15];

        char pm[15];

        char item[20];


} customer;

struct node

{

  char name[50];
```

```c
    int id;

    char add[50];

    int age;

    char dob[10];

    struct node * next;

};

struct nodec

{

    char namec[50];

    int idc;

    char addc[50];

    int agec;

    char dobc[10];

    struct node * next;

}clone;

typedef struct node  N;


int driver=VGA,mode=VGAHI;
```

```c
 int Proceed=1;

struct record {

       char name[30];

       char type[15];

       int qty;

} item;

int c,d;

FILE *fp;

int i=1,j=1;

struct  shpstr

{

   char cat[30];

   char shpnam[30];

   char onam[30];

   int eno;

}shpd;

int ass=35;

       int no=0;
```

```c
 char sname1[50],sname2[50];

       int categoriesc=1;

       int shopc=1;
struct shop

{

    char namef[50];

    char onamef[50];

    int eno;

    struct shop *nextf;

    };
struct categories

{

    char names[50];

    struct shop *nextr;

    struct categories *nextd;

    };

    typedef struct shop f;

    typedef struct categories s;
```

```c
        f *tempf,*headf,*pf,*tempf1;

        s *starts,*head,*temps,*ps,*temps1;

void main()
{   help();

    initgraph(&driver,&mode,"c:\\tc\\bgi");

    pass();

    cleardevice();

    clrscr();

    setbkcolor(0);

 fs();

    getch();

 closegraph();

 start();

}
void printTitle(void)

{

int temp, temp2;
```

```
                temp=(rand()% 15)+1;

                settextstyle(7,HORIZ_DIR,6);

                setcolor(temp);

                outtextxy(100,180,"SHOPING -MALL");

                temp2=(rand()%15)+1;

                setcolor(temp2);

                line(100,240,551,240);

                delay(400);


}
void fs()
{
int userpat=1,c=1,i=1;

cleardevice();

setbkcolor(WHITE);

  setcolor(5);

 settextstyle(DEFAULT_FONT,HORIZ_DIR,3);

  outtextxy(180,40,"DS - PROJECT");
```

```
setlinestyle(0, userpat, 1);

setcolor(7);

while(!(kbhit()))

    {

            setfillstyle(SOLID_FILL,c);

    bar(150,65,480,70);

    delay(500);

     c++;

printTitle();

      }

    printTitle();

    getch();

    setlinestyle(3,1,3);

    line(100,245,551,245);

      setcolor(4);

     settextstyle(10,HORIZ_DIR,4);

    outtextxy(140,280,"THE-OPULENT");

    setcolor(2);
```

```
settextstyle(3,HORIZ_DIR,5);

outtextxy(100,380,"MADE BY :ANURAG GOEL");

setviewport(60,75,600,195,1);

while(!(kbhit()))

{

setcolor(2);

circle(100+i,58,25);

setcolor(3);

circle(150+i,58,25);

setcolor(4);

circle(200+i,58,25);

setcolor(5);

i=i+31;

delay(400);

clearviewport();

}

setbkcolor(0);

setcolor(6);
```

```
        settextstyle(8,HORIZ_DIR,4);

        outtextxy(80,55,"NO DREAM IS TOO BIG");

 getch();

}

void help( )

{      int i;

funto();

textcolor(RED+BLINK);

        gotoxy(18,2);

        cprintf(" P R O J E C T - SHOPING MALL ") ;

        textcolor(YELLOW+BLINK);

        gotoxy(18,4);

        cprintf(" By- ANURAG GOEL AKSHAY GARG IRSHAD ALI
SANTAOSH SHARMA ");

        delay(10) ;

        gotoxy(10,6); printf("In this Project you can keep records
of daily booking ORDER") ;

        delay(10) ;
```

```c
gotoxy(10,7);  printf(" It can book productS THAT have  to purchase           ") ;

delay(10) ;

gotoxy(10,9);  printf(" This  program is capable of holding reord of booking " );

delay(10) ;

gotoxy(10,11); printf("- an option for shop management" );

delay(10) ;

gotoxy(10,12); printf(" an option of item management in the mall") ;

delay(10) ;

gotoxy(10,14); printf("- booking and cancelation of records" );

delay(10) ;

gotoxy(10,16); printf("- previous records are available" );

delay(10) ;

gotoxy(10,18); printf("- There is an option for employees management" );

delay(10) ;

gotoxy(10,20); printf("- And the last option is to Quit the PROJECT (Exit to Dos).  ") ;
```

```
        delay(10) ;

        textcolor(1+BLINK) ; textbackground(LIGHTGREEN) ;

        gotoxy(26,30) ; cprintf(" Press any key to continue ") ;

        textcolor(YELLOW) ; textbackground(BLACK) ;

        gotoxy(25,2) ;

        getch() ;

        for ( i=25;i>=1;i--)

        {

                delay(200) ;

                gotoxy(1,i);

        }

}

int Password ()

 {      char Password[12]="cracker";

        char pass[20];

        char UserName[15];

        char user[15]="hacker";

        int sucess=0;
```

```
int x=26,i;

cleardevice();

setcolor(3);

line ( 130, 180, 500, 180 );

rectangle ( 130, 150, 500, 300 );

setfillstyle ( SOLID_FILL, 7 );

bar ( 130, 150, 500, 180 );

setfillstyle ( SOLID_FILL, 8 );

bar ( 130, 180, 500, 300 );

setcolor ( 2 );

outtextxy ( 140, 165, " P A S S W O R D   V E R I F I C A T I O
N  " );

setfillstyle ( SOLID_FILL, 0 );

bar ( 200, 200, 450, 230 );

bar ( 200, 247, 450, 277 );

outtextxy ( 130, 210, "   NAME " );

outtextxy ( 126, 258, " PASSWORD " );

gotoxy(26,14);

gets(UserName);
```

```
        for(i=0;i<20;i++ )

    { pass[i]=getch();

        if(pass[i]=='\r')

            {    pass[i]='\0';

        break;     }

    else

            { gotoxy(x,17);printf("*");

        x++; }

        }if
((strcmp(Password,pass)==0)&&(strcmp(UserName,user)==0))

            sucess=1;

        else

        {    sucess=0;

            gotoxy (22, 21);

            printf ( " INVALID PASSWORD! TRY AGAIN " );

            getche ();

        }


        return ( sucess );
```

```
}

void pass()

{      do

       {    Proceed = Password();

       } while ( Proceed!=1);

}

void start(void)


{

       initgraph(&driver,&mode,"c:\\tc\\bgi");


       day();

       setcolor(RED);

       setlinestyle(SOLID_LINE,1,3);

       rectangle(0,0,639,479);

       setcolor(BLUE);

       setlinestyle(SOLID_LINE,1,2);

       rectangle(10,10,629,469);
```

```
        menu();

        getch();

        closegraph();

}

void day()

{

 struct date d;

 int i,j;

 getdate(&d);

 i=d.da_day;

 j=d.da_mon;

 gotoxy(12,2);

printf("\nDATE :%d",i);

 printf(":%d",j);

 printf(":%d",d.da_year);

 }

void showMenu(void)

{
```

```
            settextstyle(TRIPLEX_FONT,HORIZ_DIR,4);

            setcolor(WHITE);

            outtextxy(60,150,"1) SHOP MANAGEMENT");

            outtextxy(60,210,"2) ADD ITEMS");

            outtextxy(60,270,"3)
BOOK/CANCELORDER/PREVRECORDS ");

            outtextxy(60,330,"4) EMPLOY MANAGEMENT");

            outtextxy(60,390,"5) EXIT");
}

void menu(void)

{    settextstyle(TRIPLEX_FONT,HORIZ_DIR,4);

            setcolor(WHITE);

            outtextxy(60,150,"1) SHOP MANAGEMENT");

            outtextxy(60,210,"2) ADD ITEMS");

            outtextxy(60,270,"3)
BOOK/CANCELORDER/PREVRECORDS ");

            outtextxy(60,330,"4) EMPLOY MANAGEMENT");

            outtextxy(60,390,"5) EXIT");

       while (1)
```

```
{

    while(!(kbhit()))

    {   printTitle2();

    }

    switch(getch())

    {   case '1':

    settextstyle(TRIPLEX_FONT,HORIZ_DIR,4);

            setcolor(0);

            outtextxy(60,150,"1) SHOP MANAGEMENT");

            settextstyle(TRIPLEX_FONT,HORIZ_DIR,5);

            setcolor(10);

            outtextxy(60,150,"1) SHOP MANAGEMENT");

            delay(500);

        shpfn();

        cleardevice();

         start2();

         menu();

         break;
```

```
        case '2':

                settextstyle(TRIPLEX_FONT,HORIZ_DIR,4);

                setcolor(0);

                outtextxy(60,210,"2) ADD ITEMS");

                settextstyle(TRIPLEX_FONT,HORIZ_DIR,5);

                setcolor(10);

                outtextxy(60,210,"2) ADD ITEMS");

                delay(500);

            itemf();

            cleardevice();

            start2();

            menu();

            break;

        case '3':

                settextstyle(TRIPLEX_FONT,HORIZ_DIR,4);

                setcolor(0);

                outtextxy(60,270,"3)
BOOK/CANCELORDER/PREVRECORDS ");

                settextstyle(TRIPLEX_FONT,HORIZ_DIR,5);
```

```
                setcolor(10);

                outtextxy(60,270,"3)
BOOK/CANCELORDER/PREVRECORDS ");
delay(500);

                menu2();

                cleardevice();

                start2();

                menu();

                break;

        case '4':

                settextstyle(TRIPLEX_FONT,HORIZ_DIR,4);

                setcolor(0);

                outtextxy(60,330,"4) EMPLOY MANAGEMENT");
                settextstyle(TRIPLEX_FONT,HORIZ_DIR,5);

                setcolor(10);

                outtextxy(60,330,"4) EMPLOY MANAGEMENT");
                delay(5);

                  emenu();

                cleardevice();
```

```
        start2();

        menu();

        break;

    case '5':

    settextstyle(TRIPLEX_FONT,HORIZ_DIR,4);

    setcolor(0);

    outtextxy(60,390,"5) EXIT");

    settextstyle(TRIPLEX_FONT,HORIZ_DIR,5);

    setcolor(10);

    outtextxy(60,390,"5) EXIT");

    delay(500);

    exit(0);

        break;

    default:inv();

    }

  }

}
```

```c
void printTitle2( )

{

        int temp, temp2;

        temp=(rand()% 15)+1;

        settextstyle(SANS_SERIF_FONT,HORIZ_DIR,4);

        setcolor(temp);

        outtextxy(16,40,"The Opulent");

        temp2=(rand()%15)+1;

        setcolor(temp2);

        line(20,80,215,80);

    delay(400);

}
void inv(void)

{       sound(700);

            outtextxy(300,430,"INVALID INPUT");

            delay(500);

            nosound();

            setcolor(0);
```

```
        outtextxy(300,430,"INVALID INPUT");


}

void itemf(void)

{

    d=0,c=0;

    cleardevice();

    initgraph(&driver,&mode,"c:\\tc\\bgi");

    start2();

    settextstyle(TRIPLEX_FONT,HORIZ_DIR,6);

    setcolor(GREEN);

    outtextxy(25,40," ITEM INFORMATION");

    setcolor(YELLOW);

    settextstyle(TRIPLEX_FONT,HORIZ_DIR,4);

    outtextxy(60,150,"1)ADD item INFORMATION");

    outtextxy(60,210,"2)DELETE item INFORMATION");

    outtextxy(60,270,"3)VIEW item INFORMATION");

    outtextxy(60,330,"4)EDIT item INFORMATION");
```

```
outtextxy(60,390,"5)GO BACK TO THE MAIN MENU");

switch(getch())

{

     case '1':

             add_item();

              cleardevice();

              itemf();

              break;

     case '2':

              delete_item();

              cleardevice();

              itemf();

              break;

     case '3':

              view_item();

              cleardevice();

              itemf();

              break;
```

```
        case '4':

            edit_item();

                cleardevice();

                itemf();

                break;
case '5':

                cleardevice();

                start2();

                menu();

                break;
default :

                inv();

                itemf();

closegraph();

        }

getch();

}

void add_item(void)
```

```
{
FILE *fpoin;

    char temp[30];
int a=35;

    fpoin=fopen("c:\\item.txt","a");

    cleardevice();

    start2();

    setcolor(WHITE);

    settextstyle(DEFAULT_FONT,HORIZ_DIR,3);

    outtextxy(35,40,"ADD ITEM INFORMATION");

     settextstyle(DEFAULT_FONT,HORIZ_DIR,1);

    outtextxy(60,100,"ENTER AN ITEM NAME");

    gotoxy(a,7);

    gets(temp);

    strcpy(item.name,strupr(temp));

     outtextxy(60,130,"ENTER ITEM TYPE");

    gotoxy(a,9);

    gets(temp);
```

```c
        strcpy(item.type,strupr(temp));

        outtextxy(60,160,"QUANTITY");

        gotoxy(a,11);

        scanf("%d",&item.qty);
fwrite(&item, sizeof(item),1, fpoin);
cleardevice();

        start2();

        outtextxy(90,290,"RECORD ADDED");

        outtextxy(90,310,"PRESS ANY KEY TO CONTINUE");

        getch();

        fclose(fpoin);

        fflush(stdin);
}
void delete_item(void)
{
        char *searchname,temp1[30],temp[30];

        int count=0,count1=0,success=0,i,j,success2=0,k=0;
FILE *fpoin,*fpoin1;
```

```
cleardevice();

start2();

cleardevice();

start2();

gotoxy(10,5);

printf("ENTER THE NAME OF THE ITEM:");

gets(temp1);

searchname=strupr(temp1);

gotoxy(10,7);

fpoin=fopen("c:\\item.txt","r");

while((fread(&item,sizeof(item),1,fpoin))!=NULL)

{       count1++;

        if((strcmp(searchname,item.name)==0))

        {

            success2=1;

            cleardevice();

            start2();

          gotoxy(9,10);
```

```c
printf("item NAME");

gotoxy(26,10);

puts(item.name);

gotoxy(20,11);

printf("\n\tTYPE\t\t\t %s \

 \n\tQUANTITY\t\t %d        \

        \

        ",item.type,item.qty);

 printf("\n\n\n\n\n");

start2();

count++;

gotoxy(20,20);

printf("(D)ELETE OR MOVE (F)URTHER");

switch(getch())

{

      case 'D':

      case 'd':

                k=1;
```

```c
                              success=1;

                              break;

                    case 'F':

                    case 'f':

                              break;

                    default  :

                              success=2;

                              inv();

          }


          if(success==1)

          break;

          }

}

if((success2==1)&&(success==1))

     {

     rewind(fpoin);

     fpoin1=fopen("c:\\temp.txt","w");
```

```
for(i=1;i<count1;i++)

        {

            fread(&item,sizeof(item),1,fpoin);

            fwrite(&item, sizeof(item),1,fpoin1);

        }

  for(j=0;j<=3;j++)

                {

                        cleardevice();

                        start2();

                settextstyle(TRIPLEX_FONT,HORIZ_DIR,2);

                        setcolor(WHITE);

                        outtextxy(100,150,"RECORD DELETING");

                        delay(700);

                        setcolor(BLACK);

                        outtextxy(100,150,"RECORD DELETING");

                        delay(700);

                        setcolor(WHITE);

}
```

```c
                              cleardevice();

                              start2();

                              setcolor(RED);

                              outtextxy(100,170,"RECORD DELETED");

                              delay(1500);

fread(&item,sizeof(item),1,fpoin);

while((fread(&item,sizeof(item),1,fpoin))!=NULL)

                fwrite(&item, sizeof(item),1,fpoin1);

                start2();

              fclose(fpoin1);

              fclose(fpoin);

            remove("c:\\item.txt");

                rename("c:\\temp.txt","c:\\item.txt");

                fpoin=fopen("c:\\item.txt","r");

}

if(success2==0)

        {gotoxy(28,20);

            printf("RECORD NOT FOUND");
```

```c
        getch();
}

if((count!=0)&&(k==0))

        {

            gotoxy(10,22);

            printf("THERE ARE %d RECORD(S) LEFT",count);

            getch();

        }

}

void view_item(void)

{

    cleardevice();

    setcolor(4);

    settextstyle(3,0,5);

    outtextxy(40,100,"PRESS");

    setcolor(11);

    settextstyle(3,0,3);

    outtextxy(70,200,"1 - TO SEARCH BY NAME");
```

```
        outtextxy(70,340,"2 - TO GO BACK");

start2();

    switch(getch())

    {           case '1':

                option1();

                view_item();

                break;

            case '2':

                itemf();

                break;

            default :

                inv();

                view_item();

}

    fflush(stdin);

}

void option1(void)

{
```

```c
        FILE *fpoin;
char *searchname,temp[30];
        int count=0;
        cleardevice();
        start2();
        gotoxy(10,5);
        printf("Enter the name of item to search:");
        gets(temp);
        searchname=strupr(temp);
        fpoin=fopen("c:\\item.txt","r");
while((fread(&item,sizeof(item),1,fpoin))!=NULL)
        {
if(strcmp(searchname,item.name)==0)
            {
                cleardevice();
                start2();
                gotoxy(9,10);
                printf("item NAME");
```

```
                gotoxy(26,10);

                puts(item.name);

                gotoxy(20,11);

                printf("\n\tTYPE\t\t\t %s \

                 \n\tQUANTITY\t\t %d        \

                         \

                         ",item.type,item.qty);

                printf("\n\n\n\n\n");

                start2();

                count++;

                getch();
        }

            }

        printf("\n\n\t\t\tTHERE ARE %d RECORD(S)",count);

        start2();

        getch();
}

void edit_item()
```

```c
{
    char *searchname,temp1[30],temp[30];

    int count=0,count1=0,success=0,i,j,k=0,success2=0;
FILE *fpoin,*fpoin1;
    cleardevice();

    start2();
cleardevice();

    start2();

    gotoxy(10,5);

    printf("ENTER THE NAME OF THE item:");

    gets(temp1);

    searchname=strupr(temp1);

    fpoin=fopen("c:\\item.txt","r");

    while((fread(&item,sizeof(item),1,fpoin))!=NULL)

    {    count1++;

        if((strcmp(searchname,item.name)==0))

        {        success2=1;

            cleardevice();
```

```
start2();

 gotoxy(9,10);

printf("item NAME");

gotoxy(26,10);

 puts(item.name);

 gotoxy(20,11);

printf("\n\n\n\n\n");

 start2();

 count++;

gotoxy(20,20);

printf(" (E)DIT OR (N)EXT RECORD");

switch(getch())

{

     case 'e':

     case 'E':

             k=1;

             success=1;

             break;
```

```c
                        case 'N':

                        case 'n':

                                break;

                        default :

                                success=2;

                                inv();
        }

        if(success==1)

                        break;

                }

        }

        if((success2==1)&&(success==1))

                {

                rewind(fpoin);

                fpoin1=fopen("c:\\temp.txt","w");

for(i=1;i<count1;i++)

                {

                        fread(&item,sizeof(item),1,fpoin);
```

```
                     fwrite(&item, sizeof(item),1,fpoin1);

}

fread(&item,sizeof(item),1,fpoin);


              d=1;     c=1;

              add_item();

              for(j=0;j<=5;j++)

               {        cleardevice();

                        start2();

                        settextstyle(TRIPLEX_FONT,HORIZ_DIR,2);

                        setcolor(WHITE);

                        outtextxy(100,150,"RECORD MODIFYING");

                        delay(700);

                        setcolor(BLACK);

                        outtextxy(100,150,"RECORD MODIFYING");

                        delay(700);

                        setcolor(WHITE);

}
```

```c
                    cleardevice();

                    start2();

                    setcolor(RED);

                    outtextxy(100,170,"RECORD MODIFIED");

                    delay(1500);

while((fread(&item,sizeof(item),1,fpoin))!=NULL)

            fwrite(&item, sizeof(item),1,fpoin1);

        start2();

      fclose(fpoin1);

        fclose(fpoin);

      remove("c:\\item.txt");

        rename("c:\\temp.txt","c:\\item.txt");

        fpoin=fopen("c:\\item.txt","r");

 }

if(success2==0)

      {

            gotoxy(28,20);

            printf("RECORD NOT FOUND");
```

```c
        getch();

}

if((count!=0)&&(k==0))

    {     gotoxy(10,22);

        printf("THERE ARE %d RECORD(S) LEFT",count);

        getch();

    }

}

void start2(void)

{         day();

        setcolor(RED);

    setlinestyle(SOLID_LINE,1,3);

    rectangle(0,0,639,479);

    setcolor(BLUE);

    setlinestyle(SOLID_LINE,1,2);

    rectangle(10,10,629,469);

    }

void shopa(void)
```

```
{          clrscr();

        cleardevice();

    printf("\n----------Welcome----------\n");

        printf("\n \n Press  enter 0 if u dont want to add more \n\n");

        head=NULL;

  while(categoriesc!=0)

        { no++;

        temps=(s*)malloc(sizeof(s));

        temps->nextd=NULL;

        temps->nextr=NULL;

        if(starts==NULL)

        {          starts=head=temps;

                }

            else

            {

                head->nextd=temps;

                head=temps;

                }
```

```c
                        printf("\nEnter %dth categories name  :",i);

                        scanf("%s",&temps->names);

                        while(shopc!=0)

                {       tempf=(f*)malloc(sizeof(f));

                                tempf->nextf=NULL;
if(temps->nextr==NULL)

                                {   temps->nextr=tempf;

                                        headf=tempf;

                                }

                                else

                                headf->nextf=tempf;

                                headf=tempf;

        printf("\nEnter name of  %dth  shop of %s : ",i,temps->names);

                scanf("%s",&tempf->namef);

        printf("\nEnter Owner Name  %dth  shop of %s : ",i,temps->names);

                scanf("%s",&tempf->onamef);

        printf("\nEnter no of employs  %dth  shop of %s : ",i,temps->names);

        scanf("%d",&tempf->eno);
```

```c
    printf("\nDo you want to enter more shops =");

        scanf("%d",&shopc);

        i++;

        }

        shopc=1;

        i=1;

        printf("\nDo you want to enter more categories  :");

        scanf("%d",&categoriesc);

        j++;

        } temps=starts;

    fp=fopen("C:\\shopmagement.txt","w");

        while(temps!=NULL)

            {    strcpy(shpd.cat,strupr(temps->names));

                tempf=temps->nextr;

                while(tempf!=NULL)

                {    strcpy(shpd.shpnam,strupr(tempf->namef));

    strcpy(shpd.onam,strupr(tempf->onamef));
```

```c
        shpd.eno=tempf->eno;


        fwrite(&shpd, sizeof(shpd),1, fp);

                printf("\n %s ", tempf->namef);

                 tempf=tempf->nextf;

                }   temps=temps->nextd;

} fflush(stdin);

 fclose(fp);

}

void shpfn()

{       cleardevice();

        clrscr();

        start2();

        printTitle2( );

settextstyle(TRIPLEX_FONT,HORIZ_DIR,4);

        outtextxy(60,150,"1)ADD SHOP");

        outtextxy(60,210,"2)DELETE SHOP");

        outtextxy(60,270,"3)VIEW SHOP");
```

```c
outtextxy(60,330,"4)EDIT SHOP INFORMATION");

outtextxy(60,390,"5)GO BACK TO THE MAIN MENU");

switch(getch())

{

    case '1':  shopa();

            cleardevice();

            shpfn();

            break;

    case '2':

                shopd();

            cleardevice();

            shpfn();

            break;

    case '3':

        shopv();

            cleardevice();

            shpfn();

            break;
```

```
                    case '4':    shope();

                              cleardevice();

                              shpfn();

                              break;

                    case '5':

                              cleardevice();

                              start();

                              menu();

                              break;

        default :

                              inv();

              }

 fflush(stdin);

}

void funto()

{     int gdriver = DETECT,gmode;

      int x,y,i;

       initgraph(&gdriver,&gmode,"C:\\TC\\BGI");
```

```
x=getmaxx()/2;

y=getmaxy()/2;

for(i=30;i<200;i++)

{               delay(10);

                   setcolor(i/10);

                   arc(x,y,0,180,i-10);

}

setcolor(RED);

settextstyle(1,0,8);

outtextxy(50,290,"ANURAG GOEL");

setcolor(YELLOW);

settextstyle(1,0,4);

outtextxy(50,370,"Email: thechampanurag@gmail.com");

setcolor(GREEN);

settextstyle(1,0,6);

outtextxy(150,410,"9810972388");

 settextstyle(1,0,4);

while (!kbhit())
```

```c
{       setcolor(i%15);

outtextxy(10,260,"Desgin By :");

delay(10);

i++;

}

closegraph();

}

   int addemp()

   {   FILE *fpe;

      N * temp , *head;

    head  =  NULL;

    temp=(N*)malloc(sizeof(N));

     fpe=fopen("c:\\emp.txt","a");

    printf("\n \t\tEnter Employee  Name  :");

    scanf("%s",&temp->name);

     printf("\n\t\tEnter Employee  Address :");

    scanf("%s",&temp->add);

     printf("\n \t\tEnter Employee  DoB  :");
```

```c
        scanf("%s",&temp->dob);

        printf("\n\t\tEnter Employee  ID  :");

        scanf("%d",&temp->id);

        printf("\n\t\tEnter Employee  Age  :");

        scanf("%d",&temp->age);

        strcpy(clone.namec,strupr(temp->name));

        strcpy(clone.addc,strupr(temp->add));

        strcpy(clone.dobc,strupr(temp->dob));

        clone.idc=temp->id;

        clone.agec=temp->age;

        fwrite(&clone, sizeof(clone),1, fpe);

        temp->next=head;

        head=temp;

        fclose(fpe);

            fflush(stdin);

        return 0;

          }

int editemp()
```

```c
{char *searchname,temp1[30],temp[30];
    int count=0,count1=0,success=0,i,j,success2=0,k=0;
    FILE *fpoin,*fpoin1;
    printf("ENTER THE NAME OF THE EMPLOYEE:");
    scanf("%s",&temp1);
    searchname=strupr(temp1);
fpoin=fopen("c:\\emp.txt","r");
    while((fread(&clone,sizeof(clone),1,fpoin))!=NULL)
    {    count1++;
        if((strcmp(searchname,clone.namec)==0))
        {  success2=1;
        printf("\n\tEMPLOYEE NAME    :");
        puts(clone.namec);
    printf("\tDOB\t\t :%s \
            \n\tAGE\t\t :%d     \
                \
                ",clone.dobc,clone.agec);
    printf("\n\n\n\n\n");
        count++;
```

```c
                printf("(D)ELETE OR MOVE (F)URTHER");

                switch(getch())

                {

                        case 'D':

                        case 'd':

                                k=1;

                                success=1;

                                break;

                        case 'F':

                        case 'f':

                                break;

        default  :

                                success=2;

                                        }

if(success==1)

                break;

            }
```

```c
        }


    if((success2==1)&&(success==1))

      {

            rewind(fpoin);

            fpoin1=fopen("c:\\emp.txt","w");

        for(i=1;i<count1;i++)

            {

                    fread(&clone,sizeof(clone),1,fpoin);

                    fwrite(&clone, sizeof(clone),1,fpoin1);

            }
  for(j=0;j<=3;j++)

                        {printf("\nRECORD DELETING");

}      printf("RECORD DELETED");

        fread(&clone,sizeof(clone),1,fpoin);

while((fread(&clone,sizeof(clone),1,fpoin))!=NULL)

                fwrite(&clone, sizeof(clone),1,fpoin1);

            fclose(fpoin1);
```

```c
                fclose(fpoin);

                remove("c:\\emp.txt");

                rename("c:\\temp23.txt","c:\\emp.txt");

                fpoin=fopen("c:\\emp.txt","r");
}

if(success2==0)

        {

            printf("RECORD NOT FOUND");

            getch();

        }

if((count!=0)&&(k==0))

            {

              printf("THERE ARE %d RECORD(S) LEFT",count);

              getch();

            }

            return 0;

}

 int emenu()
```

```c
{       cleardevice();
    clrscr();
    int choice;
printf("\t\t*****************Welcome*******************");
printf("\n\t\t 1.Add Employee   ");
printf("\n\t\t 2.Edit Employee   ");
printf("\n\t\t 3.View Employee   ");
printf("\n\t\t 4.Back \n   ");
scanf("\n\t\t%d",&choice);
switch(choice)
{
        case 1:   addemp();
                emenu();
                break;
        case 2: editemp();
            emenu();
            break;
        case 3:
```

```c
                    viewemp();

                break;

            case 4: cleardevice();

                clrscr();

                menu();

                break;

            default: ;
            }

            return 0;

        }    int viewemp()
{    printf("\nPRESS");

    printf("\n1 - TO SEARCH BY NAME");

    printf("\n2 - TO GO BACK");

switch(getch())
    {
        case '1':

            opt();

            viewemp();
```

```c
                break;


            case '2':

                emenu();

                break;

            default :

            viewemp();

    }

    fflush(stdin);

    return 0;

}

int opt()

{

    FILE *fpoin;

char *searchname,temp[30];

    int count=0;

    printf("\n\nEnter the name of employee to search:");

    scanf("%s",&temp);
```

```c
searchname=strupr(temp);

fpoin=fopen("c:\\emp.txt","r");

while((fread(&clone,sizeof(clone),1,fpoin))!=NULL)

    {

     if(strcmp(searchname,clone.namec)==0)

         {

                printf("\n\tEMPLOYEE NAME    :");

          puts(clone.namec);

        printf("\tDOB\t\t :%s \ \n\tAGE\t\t :%d       \ \
                    ",clone.dobc,clone.agec);

               printf("\n\n\n\n\n");

                count++;

                getch();

}

        }

     printf("\n\n\t\t\tTHERE ARE %d RECORD(S)",count);

      return 0;

}
```

```
void menu2(void)


{       cleardevice();

        start2();

        settextstyle(TRIPLEX_FONT,HORIZ_DIR,4);

        setcolor(WHITE);

        outtextxy(60,150,"1) NOTHING");

        outtextxy(60,210,"2) RECORD");

        outtextxy(60,270,"3) BOOK ORDER");

        outtextxy(60,330,"4) CANCEL ORDER");

        outtextxy(60,390,"5) EXIT");


    while (1)

  {

    while(!(kbhit()))

    {

        printTitle2();

    }
```

```
switch(getch())

{

      case '1':

    settextstyle(TRIPLEX_FONT,HORIZ_DIR,4);

            setcolor(0);

            outtextxy(60,150,"1) NOTHING");

            settextstyle(TRIPLEX_FONT,HORIZ_DIR,5);

            setcolor(10);

            outtextxy(60,150,"1) NOTHING");

            delay(500);

          break;

      case '2':

            settextstyle(TRIPLEX_FONT,HORIZ_DIR,4);

            setcolor(0);

            outtextxy(60,210,"2) RECORD");

            settextstyle(TRIPLEX_FONT,HORIZ_DIR,5);

            setcolor(10);

            outtextxy(60,210,"2) RECORD");
```

```
                    delay(500);


                    view_customer();

                    cleardevice();

                    start2();

                    menu2();

                    break;
        case '3':

                    settextstyle(TRIPLEX_FONT,HORIZ_DIR,4);

                    setcolor(0);

                    outtextxy(60,270,"3) BOOK ORDER");

                    settextstyle(TRIPLEX_FONT,HORIZ_DIR,5);

                    setcolor(10);

                    outtextxy(60,270,"3) BOOK ORDER");

                    delay(500);

                    add_customer();

                  cleardevice();

                    start2();
```

```
                    menu2();

break;

        case '4':

                settextstyle(TRIPLEX_FONT,HORIZ_DIR,4);

                setcolor(0);

                outtextxy(60,330,"4) CANCEL ORDER");

                settextstyle(TRIPLEX_FONT,HORIZ_DIR,5);

                setcolor(10);

                outtextxy(60,330,"4) CANCEL ORDER");

                delay(500);

                delete_customer();

            cleardevice();

                start2();

                menu2();

                break;;

        case '5':

                settextstyle(TRIPLEX_FONT,HORIZ_DIR,4);

                setcolor(0);
```

```c
                    outtextxy(60,390,"5) EXIT");

                    settextstyle(TRIPLEX_FONT,HORIZ_DIR,5);

                    setcolor(10);

                    outtextxy(60,390,"5) EXIT");

                    delay(500);

                     exit(0);

                    break;

              default:

                    inv();

        }

     }

}

void add_customer(void)

{

     FILE *fpoin1;

     char temp[30];

       int a=35;

     fpoin1=fopen("c:\\itembooking.txt","a");
```

```
cleardevice();

start2();

settextstyle(DEFAULT_FONT,HORIZ_DIR,3);

    outtextxy(35,40,"ORDER BOOKING");

settextstyle(DEFAULT_FONT,HORIZ_DIR,1);

    outtextxy(60,100,"ENTER CUSTOMER NAME");

    gotoxy(a,7);

    gets(temp);

    strcpy(customer.name,strupr(temp));

outtextxy(60,115,"ENTER ADDRESS");

    gotoxy(a,8);

    gets(temp);

    strcpy(customer.addr,strupr(temp));

outtextxy(60,130,"ENTER PHONE NUMBER");

    gotoxy(a,9);

    gets(temp);

    strcpy(customer.pnum,strupr(temp));

outtextxy(60,145 ,"DATE OF BIRTH");
```

```
        gotoxy(a,10);

gets(temp);

        strcpy(customer.dob,strupr(temp));

outtextxy(60,160,"ENTER PAYMENT MODE");

        gotoxy(a,11);

        gets(temp);

        strcpy(customer.pm,strupr(temp));

outtextxy(60,175,"ENTER item");

        gotoxy(a,12);

        gets(temp);

        strcpy(customer.item,strupr(temp));

if((c!=1)&&(d!=1))

        {

    cleardevice();

    start2();

    outtextxy(90,290,"RECORD ADDED");

    outtextxy(90,310,"PRESS ANY KEY TO CONTINUE");

    getch();
```

```c
        }
fwrite(&customer, sizeof(customer),1, fpoin1);

    fclose(fpoin1);

    fflush(stdin);

}
void delete_customer(void)

{

    char *searchname,temp[30];

    int count=0,count1=0,success=0,i,j,success2=0,k=0;
FILE *fpoin1,*fpoin2;

    cleardevice();

    start2();

     cleardevice();

    start2();

    gotoxy(10,5);

    printf("ENTER THE NAME OF CUSTOMER:");

    gets(temp);

    searchname=strupr(temp);
```

```c
gotoxy(10,7);

fpoin1=fopen("c:\\itembooking.txt","r");

while((fread(&customer,sizeof(customer),1,fpoin1))!=NULL)

{       count1++;

    if((strcmp(searchname,customer.name)==0))

    {

        success2=1;

        cleardevice();

        start2();

        gotoxy(9,10);

        printf("CUSTOMER NAME");

        gotoxy(34,10);

        puts(customer.name);

        gotoxy(20,11);

        printf("\n\tADDRESS\t\t\t %s \

        \n\tPHONE NUMBER\t\t %s     \

        \n\tDATE OF BIRTH\t\t %s     \

        \n\tPAYMENT MODE\t\t %s    \
```

```
                    \n\ITEM NAME\t\t %s      \


",customer.addr,customer.pnum,customer.dob,customer.pm,customer.it
em);



            start2();

            count++;

        gotoxy(10,23);

            printf("(D)ELETE OR MOVE (F)URTHER");

            switch(getch())

            {

                case 'D':

                case 'd':

                        k=1;

                        success=1;

                        break;

                case 'F':

                case 'f':

                        break;
```

```c
                        default  :

                        success=2;

                        inv();

                }


                if(success==1)

                break;

        }

}

if((success2==1)&&(success==1))

        {

        i=1;

        rewind(fpoin1);

        fpoin2=fopen("c:\\temp.txt","w");

for(i=1;i<count1;i++)

        {

                fread(&customer,sizeof(customer),1,fpoin1);
```

```
                        fwrite(&customer,sizeof(customer),1,fpoin2);

            }

fread(&customer,sizeof(customer),1,fpoin1);

while((fread(&customer,sizeof(customer),1,fpoin1))!=NULL)

                fwrite(&customer, sizeof(customer),1,fpoin2);

 for(j=0;j<=3;j++)

                    {

                            cleardevice();

                            start2();

                        settextstyle(TRIPLEX_FONT,HORIZ_DIR,2);

                            setcolor(WHITE);

                            outtextxy(100,150,"RECORD DELETING");

                            delay(700);

                            setcolor(BLACK);

                            outtextxy(100,150,"RECORD DELETING");

                            delay(700);

                            setcolor(WHITE);

}
```

```
start2();

                cleardevice();

                start2();

                setcolor(RED);

                outtextxy(100,170,"RECORD DELETED");

                delay(1500);

        fclose(fpoin2);

         fclose(fpoin1);

        remove("c:\\itembooking.txt");

         rename("c:\\temp.txt","c:\\itembooking.txt");

         fpoin1=fopen("c:\\itembooking.txt","r");

 }

if(success2==0)

        {

        gotoxy(28,20);

        printf("RECORD NOT FOUND");

        getch();

        }
```

```c
        if((count!=0)&&(k==0))

        {

          gotoxy(10,24);

          printf("THERE ARE %d RECORD(S) LEFT",count);

          getch();

        }


}

void view_customer(void)

{

      FILE *fpoin1;

char *searchname,temp[30];

      int count=0;

      cleardevice();

      start2();

      gotoxy(10,5);

      printf("Enter the name of customer to search:");
```

```
gets(temp);

searchname=strupr(temp);

fpoin1=fopen("c:\\itembooking.txt","r");

while((fread(&customer,sizeof(customer),1,fpoin1))!=NULL)

    {

        if(strcmp(searchname,customer.name)==0)

            {

                cleardevice();

                start2();

            gotoxy(9,10);

                printf("CUSTOMER NAME");

                gotoxy(34,10);

                puts(customer.name);

                gotoxy(20,11);

                printf("\n\tADDRESS\t\t\t %s \

                \n\tPHONE NUMBER\t\t %s      \

                \n\tDATE OF BIRTH\t\t %s      \

                    \n\tPAYMENT MODE\t\t %s    \
```

```
                \n\ITEM NAME\t\t %s       \


",customer.addr,customer.pnum,customer.dob,customer.pm,customer.it
em);

                printf("\n\n\n\n");

                   start2();

                   count++;

                   getch();

}

     }

     printf("\n\t\t\tTHERE ARE %d RECORD(S)",count);

     start2();

     getch();



}
void shope()
{
clrscr();

cleardevice();
```

```c
printf("\n\nplz try tomorrow,server busy");

getch();

}

void shopv()

{

clrscr();

cleardevice();

printf("\n\nplz try tomorrow,server busy");

getch();

}

void shopd()

{

char *searchname,temp1[30],temp[30];

    int count=0,count1=0,success=0,i,j,success2=0,k=0;

FILE *fpoin,*fpoin1;

    cleardevice();

    start2();

cleardevice();
```

```
start2();

gotoxy(10,5);

printf("ENTER THE NAME OF THE SHOP:");

gets(temp1);

searchname=strupr(temp1);

gotoxy(10,7);

fpoin=fopen("c:\\shopmagement.txt","r");

while((fread(&shpd,sizeof(shpd),1,fpoin))!=NULL)

{       count1++;

        if((strcmp(searchname,shpd.shpnam)==0))

        {

            success2=1;

            cleardevice();

            start2();

          gotoxy(9,10);

            printf("CATEGORY NAME");

            gotoxy(26,10);

            puts(shpd.cat);
```

```c
gotoxy(20,11);

printf("\n\tSHOP CATEGORY  NAME\t\t\t %s \
 \n\tOWNER NAME\t\t %s      \
     \
     ",shpd.cat,shpd.onam);

printf("\n\n\n\n\n");

start2();

count++;

gotoxy(20,20);

printf("(D)ELETE OR MOVE (F)URTHER");

switch(getch())

{

    case 'D':

    case 'd':

            k=1;

            success=1;

            break;

    case 'F':
```

```c
                    case 'f':

                            break:

                    default :

                            success=2;

                            inv();

              }

  if(success==1)

              break;

          }

}

if((success2==1)&&(success==1))

    {   rewind(fpoin);

        fpoin1=fopen("c:\\shopmagement.txt","w");

for(i=1;i<count1;i++)

        {

            fread(&shpd,sizeof(shpd),1,fpoin);

            fwrite(&shpd, sizeof(shpd),1,fpoin1);

        }       for(j=0;j<=3;j++)
```

```
                    {
                            cleardevice();

                            start2();

                    settextstyle(TRIPLEX_FONT,HORIZ_DIR,2);

                            setcolor(WHITE);

                            outtextxy(100,150,"RECORD DELETING");

                            delay(700);

                            setcolor(BLACK);

                            outtextxy(100,150,"RECORD DELETING");

                            delay(700);

                            setcolor(WHITE);

    }       cleardevice();

                            start2();

                            setcolor(RED);

                            outtextxy(100,170,"RECORD DELETED");

                            delay(1500);

fread(&item,sizeof(shpd),1,fpoin);

while((fread(&shpd,sizeof(shpd),1,fpoin))!=NULL)
```

```c
                    fwrite(&shpd, sizeof(shpd),1,fpoin1);

start2();

fclose(fpoin1);

          fclose(fpoin);

remove("c:\\shopmagement.txt");

          rename("c:\\temp.txt","c:\\shopmagement.txt");

          fpoin=fopen("c:\\shopmagement.txt","r");    }

if(success2==0)

     {gotoxy(28,20);

        printf("RECORD NOT FOUND");

        getch();}

 if((count!=0)&&(k==0))

{

        gotoxy(10,22);

        printf("THERE ARE %d RECORD(S) LEFT",count);

        getch();

          }

}
```