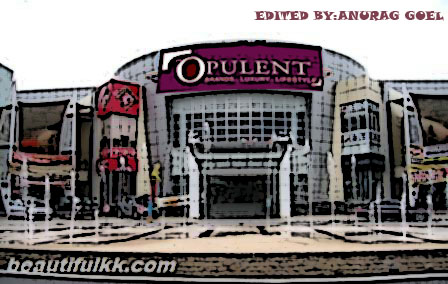
****

**DS PROJECT**

**THE SHOPPING MALL**

**THE OPULENT**

Made by:

|  |  |
| --- | --- |
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| 1. IRSHAD ALI |  |
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**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

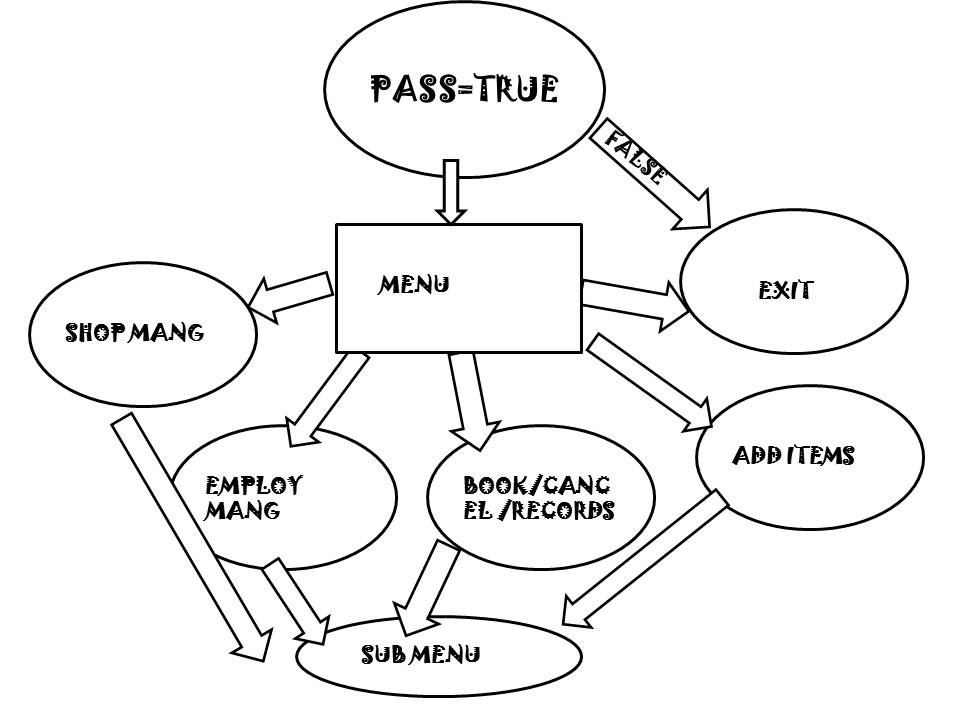
int addemp();//for adding employs

int editemp();//for employ addition

int viewemp();//for viewing employ

int opt();//for employ searching

int emenu();//for employ management menu



**FLOW CHART**

LIST OF DATA STRUCTURE USED

1. **ARRAYS AND STRUCTURES**
2. **STRINGS**
3. **LINKED LIST**
4. **MULTI LIST**
5. **SORTING**
6. **SEARCHING**

**#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);**

**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];**

**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;**

**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;**

**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;**

**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) ;**

**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();**

**}**

**}**

**}**

**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);**

**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);**

**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;**

**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);**

**}**

**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");**

**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)**

**{**

**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()**

**{**

**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;**

**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);**

**}**

**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");**

**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;**

**}**

**printf("\nEnter %dth categories name :",j);**

**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);**

**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));**

**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");**

**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())**

**{ 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 :");**

**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()**

**{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++;**

**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;**

**}**

**}**

**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);**

**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()**

**{ 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:**

**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();**

**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);**

**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);**

**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();**

**}**

**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);**

**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.item);**

**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;**

**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();**

**}**

**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.item);**

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

**start2();**

**count++;**

**getch();**

**}**

**}**

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

**start2();**

**getch();**

**}**

**void shope()**

**{**

**clrscr();**

**cleardevice();**

**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);**

**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':**

**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)**

**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();**

**}**

**}**