//\*\*\*\*\*\*\*\*\*\*\*\*\* CRUISE TRAVEL MANAGENMENT \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

#include<dos.h> // For functions related to time

#include<conio.h> // Text and background colour

#include<stdio.h> // Standard I/O functions

#include<process.h> // Functions like exit(0)

#include<fstream.h> // File-related operations

#include<ctype.h> // Single-character related functions

#include<stdlib.h> // Standard Library functions

#include<iomanip.h> // I/O formatting manipulations

#include<string.h> // String manipulations

long int code;

class persdetails //class for collecting the personal details

{

int trvlcode;

int age[20];

char name[20][20];

char add[50];

char phnum[15];

char sex[20];

char passnum[10][10];

char familyname[30];

int num;

int numppl;

public:

void p\_input(int);

void p\_output();

void givefam();

int givecode();

int give();

}pob;

int persdetails::give()

{

return num;

}

void persdetails::givefam()

{

cout<<familyname;

}

int persdetails::givecode()

{

return trvlcode;

}

void persdetails::p\_input(int cd) //input func() of class1

{

trvlcode=cd;

num=0;

clrscr();

cout<<"\n\n\t:::::::::::::::::::::: PERSONAL DETAILS ::::::::::::::::::::::\n";

cout<<"\t\t\t\t~~~~~~~~~~~~~~\n";

cout<<"\n\t\t\* Please fill in the details:\n\n\n\t\t\t 1.Family Name: ";

gets(familyname);

cout<<"\n\t\t\t2.Address: ";

gets(add);

cout<<"\n\t\t\t3.Contact Number(10 Digit Mobile Number) : ";

gets(phnum);

cout<<"\n\n\n\t\tEnter The No of People Travelling: ";

cin>>numppl;

clrscr();

if(numppl>0)

{

cout<<"\n\t\t Please Enter The Details of each Member/ Members: "<<endl;

cout<<"\t\t\n";

for(int i=0;i<numppl;i++)

{

cout<<endl<<"\n\t\tMember "<<i+1;

cout<<"\n\t\t~~~~~~~~";

cout<<"\n\n\t\tFirst Name: ";

gets(name[i]);

cout<<"\n\t\tAge: ";

cin>>age[i];

cout<<"\n\t\tSex (M/F): ";

cin>>sex[i];

cout<<"\n\t\tPassport Number: ";

gets(passnum[i]);

if(age[i]>5)

{

num++; //to calculate no of travellers below 5 yrs

}

}

}

}

void persdetails::p\_output() //output func() of class1

{

clrscr();

cout<<"\n\n\t\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\* PERSONAL DETAILS

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*"<<endl;

cout<<"\n\n\t\t\tFamily Name:\t "<<familyname<<endl;

cout<<"\t\t\tAddress:\t "<<add<<endl;

cout<<"\t\t\tPhone Number:\t "<<phnum<<endl;

cout<<"\n\n\tName\t\tAge\t\tSex\t\tPassport Number\n"<<endl;

for(int i=0;i<numppl;i++)

{

cout<<"\t "<<name[i]<<"\t\t "<<age[i]<<"\t\t "<<sex[i]<<"

\t\t "<<passnum[i]<<endl;

}

getch();

}

class travdetails //class which holds the travel details

{

int trvtcode;

int day;

int month;

int year;

int num1;

int bdg\_pt;

int go\_pt;

int deck;

int cabin;

int pool;

int gym;

int sports;

int salon;

int spa;

int theatre;

public:

void initial();

void t\_input(int);

void t\_output();

void compute();

int gtcode();

void accept(int);

}tob;

void travdetails::initial()

{

pool=gym=theatre=sports=salon=0;

}

void travdetails::accept(int c)

{

num1=c;

}

int travdetails::gtcode()

{

return trvtcode;

}

void travdetails::t\_input(int cd) //input func()-class2

{

tob.initial();

trvtcode=cd;

int i=1,opt;

clrscr();

do

{

clrscr();

cout<<endl;

cout<<"\n\n\t\t\t\t\_||\_\_TRAVEL DETAILS\_\_";

cout<<"\n\t\t\t\t\\\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_/";

cout<<"\n\t\t\t\t~~~~~~~~~~~~~~~~~~~~~~";

cout<<"\n\n\t\tPlease enter the following details for your

journey:";

cout<<"\n\n\t\t\*Note: Options marked with '\*' are

compulsory.\n\t\t\tPlease do select them.";

cout<<"\n\n\n\t\t\t\t\*1.Boarding Point\n\t\t\t\t \*

2.Destination\n\t\t\t\t\*3.Date of Departure \n\t\t

\t\t\*4.Deck\n\t\t\t\t 5.Cabin\n\t\t\t\t 6.Swimming

Pool\n\t\t\t\t 7.Gymnasuim\n\t\t\t\t 8.Sports

\n\t\t\t\t 9.Salon\n\t\t\t\t 10.Spa\n\t\t\t\t

11.Theatre\n\t\t\t\t 12.Back\n\n\t\t\t\t";

cin>>opt;

switch(opt)

{

case 1:clrscr();

cout<<"\n\n\n\t\t\tSelect Boarding point:\n\n\t\t

\t1.Mumbai\n\n\t\t\t 2.Cochin \n\n\t\t\t

3.Chennai\n\n\t\t\t ";

cin>>bdg\_pt;

break;

case 2:clrscr();

cout<<"\n\n\t\t\t\*\*\*\*\*\* Select Destination

\*\*\*\*\*\*\n\n\n";

cout<<"\t 1.New York\t\t 6.Dubai\t\t\t

11.Antananariv " ;

cout<<"\n\n\t 2.Miami\t\t7.Lisbon\t\t12.Cairo\n\n";

cout<<"\t 3.Rio De Janeiro\t8.London\t\t13.Perth";

cout<<"\n\n\t 4.Colombo\t\t 9.Copenhagen\t\t

14.Sydney";

cout<<"\n\n\t 5.Hong Kong\t\t10.Cape Town\t\t

15.Wellington\n\n\n\n\n\t\t\t\t ";

cin>>go\_pt;

break;

case 3:clrscr();

cout<<"\n\n\tDate of

Departure ";

cout<<"\n\n \* Note:Format for entering:Date(press

enter)Month(press enter)Year \*";

cout<<"\n\n\t\tEnter your preferred date of

departure: ";

cin>>day;

gotoxy(59,7); //to create a particular format for

// entry

cout<<"/";

cin>>month;

gotoxy(62,7);

cout<<"/";

cin>>year;

break;

case 4:clrscr();

cout<<"\n\n\t\t\tEnter The Choice OF

Deck\n\n\t\t\t1.Top Deck\n\n\t\t\t2.Middle

Decks\n\n\t\t\t3.Bottom Deck\n\n\t\t\t";

cin>>deck;

break;

case 5:clrscr();

cout<<"\n\n\t\t\tEnter The Choice Of

Cabin \n\n\t\t\t1.AC\n\n\t\t\t2.Non

AC\n\n\t\t\t";

cin>>cabin;

break;

case 6:clrscr();

cout<<"\n\n\t\tDo You Like To Avail The Facility Of

A Swimming Pool\n\n\t\t\t 1.No\n\n\t\t\t

2.Yes\n\n\t\t\t";

cin>>pool;

pool--;

break;

case 7:clrscr();

cout<<"\n\n\t\tDo You Like To Avail The Facility Of

A Gymnasium\n\n\t\t\t 1.No\n\n\t\t\t

2.Yes\n\n\t\t\t";

cin>>gym;

gym--;

break;

case 8:clrscr();

cout<<"\n\n\t\tDo You Like To Avail The Sports

Facilities Offered\n\n\t\t\t 1.No\n\n\t\t\t

2.Yes\n\n\t\t\t";

cin>>sports;

sports--;

break;

case 9:clrscr();

cout<<"\n\n\t\tDo You Like To Avail The Facility Of

Beauty Salon\n\n\t\t\t 1.No\n\n\t\t\t

2.Yes\n\n\t\t\t";

cin>>salon;

salon--;

break;

case 10:clrscr();

cout<<"\n\n\tDo You Like To Avail The Facility Of

Spa and Ayurvedic Treatment\n\n\t\t\t1.No

\n\n\t\t\t 2.Yes\n\n\t\t\t";

cin>>spa;

spa--;

break;

case 11:clrscr();

cout<<"\n\n\t\tDo You Like To Avail The Facility Of

Amphitheatre\n\n\t\t\t 1.No\n\n\t\t\t

2.Yes\n\n\t\t\t";

cin>>theatre;

theatre--;

break;

case 12:i=0;

break;

}

}while(i==1);

}

void boardpt(int c) //for easy o/p

{

if(c==1)

cout<<"Mumbai\t";

if(c==2)

cout<<"Cochin\t";

if(c==3)

cout<<"Chennai\t";

}

void dest(int d) //for easy o/p

{

switch(d)

{

case 1:cout<<"New York";

break;

case 2:cout<<"Miami";

break;

case 3:cout<<"Rio De Janero";

break;

case 4:cout<<"Colombo";

break;

case 5:cout<<"Hong Kong";

break;

case 6:cout<<"Dubai";

break;

case 7:cout<<"Lisbon";

break;

case 8:cout<<"London";

break;

case 9:cout<<"Copenhagen";

break;

case 10:cout<<"Cape Town";

break;

case 11:cout<<"Antananriv";

break;

case 12:cout<<"Cairo";

break;

case 13:cout<<"Perth";

break;

case 14:cout<<"Sydney";

break;

case 15:cout<<"Willington";

break;

}

}

void travdetails::t\_output() //output func()-class2

{

clrscr();

cout<<"\n\n\t\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\* TRAVEL DETAILS

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*";

cout<<"\n\n\t\tBoarding Point: ";

boardpt(bdg\_pt);

cout<<"\n\n\t\tDestination: ";

dest(go\_pt);

cout<<"\n\n\t\tDate of departure: ";

cout<<day<<"/"<<month<<"/"<<year;

cout<<"\n\n\t\tDeck: ";

switch(deck)

{

case 1:cout<<"Top Deck";

break;

case 2:cout<<"Middle Deck";

break;

case 3:cout<<"Bottom Deck";

break;

}

cout<<"\n\n\t\tCabin: ";

switch(cabin)

{

case 1:cout<<"AC cabin";

break;

case 2:cout<<"Non-AC cabin";

break;

}

cout<<"\n\n\n\tFacilities availed for are:";

if(pool==1)

cout<<"\n\t\t\t\t Swimming Pool";

if(gym==1)

cout<<"\n\t\t\t\t Gymnasium";

if(sports==1)

cout<<"\n\t\t\t\t Sports Facilities";

if(spa==1)

cout<<"\n\t\t\t\t Spa and Ayurvedic Treatment";

if(salon==1)

cout<<"\n\t\t\t\t Beauty Salon";

if(theatre==1)

cout<<"\n\t\t\t\t Theatre";

getch();

}

void family(int c,int&flag) //to display family name + to check

// for record

{

flag=0;

clrscr();

ifstream ifl("PersonalDetails.txt",ios::binary);

if(!ifl)

cout<<"\nError";

ifl.read((char\*)&pob,sizeof(pob));

while(!ifl.eof())

{

if(pob.givecode()==c)

{

flag=1;

break;

}

ifl.read((char\*)&pob,sizeof(pob));

}

if(flag==1)

{

cout<<"\n\n\t\t \*\*\*\*\*\*";

pob.givefam();

cout<<"'s FAMILY DATABASE \*\*\*\*\*\*";

}

else

{

cout<<"\nError in locating record!!";

}

ifl.close();

}

void editp(int c) //to edit persdetails

{

ofstream ofl2("temp1.txt",ios::binary);

if(!ofl2)

cout<<"Error While Opening File";

ifstream ifl4("PersonalDetails.txt",ios::binary);

if(!ifl4)

cout<<"Error While Opening File";

ifl4.read((char\*)&pob,sizeof(pob));

while(!ifl4.eof())

{

if(pob.givecode()==c)

{

clrscr();

cout<<"Please Enter the New details of the record"<<endl;

pob.p\_input(c);

ofl2.write((char\*)&pob,sizeof(pob));

cout<<"\n\t\t\tModification Succesful!!!";

ifl4.read((char\*)&pob,sizeof(pob));

}

else

{

ofl2.write((char\*)&pob,sizeof(pob));

ifl4.read((char\*)&pob,sizeof(pob));

}

}

remove("PersonalDetails.txt");

rename("temp1.txt","PersonalDetails.txt");

ifl4.close();

ofl2.close();

getch();

}

void editt(int c) //to edit travdetails

{

ofstream ofl2("temp1.txt",ios::binary);

if(!ofl2)

cout<<"Error While Opening File";

ifstream ifl4("TravelDetails.txt",ios::binary);

if(!ifl4)

cout<<"Error While Opening File";

ifl4.read((char\*)&tob,sizeof(tob));

while(!ifl4.eof())

{

if(tob.gtcode()==c)

{

clrscr();

cout<<"Please Enter the New details of the record"<<endl;

tob.t\_input(c);

ofl2.write((char\*)&tob,sizeof(tob));

cout<<"\n\t\t\tModification Succesful!!!";

ifl4.read((char\*)&tob,sizeof(tob));

}

else

{

ofl2.write((char\*)&tob,sizeof(tob));

ifl4.read((char\*)&tob,sizeof(tob));

}

}

remove("TravelDetails.txt");

rename("temp1.txt","TravelDetails.txt");

ifl4.close();

ofl2.close();

getch();

}

void deletion(int c) //common delete func()

{

ofstream ofl2("temp1.txt",ios::binary);

if(!ofl2)

cout<<"Error While Opening File";

ifstream ifl4("PersonalDetails.txt",ios::binary);

if(!ifl4)

cout<<"Error While Opening File";

ifl4.read((char\*)&pob,sizeof(pob));

while(!ifl4.eof())

{

if(pob.givecode()!=c)

{

ofl2.write((char\*)&pob,sizeof(pob));

}

ifl4.read((char\*)&pob,sizeof(pob));

}

remove("PersonalDetails.txt");

rename("temp1.txt","PersonalDetails.txt");

ofl2.close();

ifl4.close();

ofstream ofl3("temp2.txt",ios::binary);

if(!ofl3)

cout<<"\nError While Opening File";

ifstream ifl5("TravelDetails.txt",ios::binary);

if(!ifl5)

cout<<"\nError While Opening File";

ifl5.read((char\*)&tob,sizeof(tob));

while(!ifl5.eof())

{

if(tob.gtcode()!=c)

{

ofl3.write((char\*)&tob,sizeof(tob));

}

ifl5.read((char\*)&tob,sizeof(tob));

}

ofl3.close();

ifl5.close();

remove("TravelDetails.txt");

rename("temp1.txt","TravelDetails.txt");

cout<<"\n\n\t\tDeletion Completed!";

getch();

}

void travdetails::compute() //compution+bill generation

{

long int gttl=0 ,hr,dcst,dck,cabn,swpool=5000, gm=2000,

spfts=7500, slon=6000,sp=20000,ttr=500;

switch(go\_pt)

{

case 1:;

case 2:;

case 3:hr=30\*24;

dcst=250000;

break;

case 4:;

case 5:;

case 6:hr=7\*24;

dcst=75000;

break;

case 7:;

case 8:;

case 9:hr=24\*24;

dcst=130000;

break;

case 10:;

case 11:;

case 12:hr=15\*24;

dcst=100000;

break;

case 13:;

case 14:;

case 15:hr=12\*24;

dcst=120000;

break;

}

switch(deck)

{

case 1:dck=7500;

break;

case 2:dck=5000;

break;

case 3:dck=1000;

}

switch(cabin)

{

case 1:cabn=5000;

break;

case 2:cabn=2000;

break;

}

clrscr();

cout<<"\n\n\t\t:::::::::::::::::::::: BILL

::::::::::::::::::::::::::";

cout<<"\n\n\t\tBoarding point:\t\t ";

boardpt(bdg\_pt);

cout<<"\n\n\t\tDestination:\t\t ";

dest(go\_pt);

cout<<"\n\n\t\tDate of Departure: ";

cout<<day<<"/"<<month<<"/"<<year;

hr=hr/24; //to calculate date of arrival

day=day+hr;

if(month==1||month==3||month==5||month==7||month==8||month==10||month==12)

{

if(day>31)

{

month=month+1;

day=day%31;

}

}

if(month==4||month==6||month==9||month==11)

{

if(day>30)

{

month=month+1;

day=day%30;

}

}

if(month==2)

{

if(day>28)

{

month=month+1;

day=day%28;

}

}

if(month>12)

{

month=month-12;

year++;

}

cout<<"\n\n\t\tDate of Arrival: ";

cout<<day<<"/"<<month<<"/"<<year;

cout<<"\n\n\t\tSubject\t\tCost(for 1)\tNo of ppl\tTotal";

cout<<"\n\n\t\tTravel\t\t"<<dcst<<"\t\t "<<num1<<"\t\t"<<num1\*dcst;

gttl+=num1\*dcst;

cout<<"\n\t\tDeck\t\t"<<dck<<"\t\t "<<num1<<"\t\t"<<dck\*num1;

gttl+=dck\*num1;

cout<<"\n\t\tCabin\t\t"<<cabn<<"\t\t "<<num1<<"\t\t"<<cabn\*num1;

gttl+=cabn\*num1;

if(pool==1)

{

cout<<"\n\t\tSwimming Pool\t"<<swpool<<"\t\t "<<num1<<"\t\t"<<swpool\*num1;

gttl+=swpool\*num1;

}

if(gym==1)

{

cout<<"\n\t\tGym\t\t"<<gm<<"\t\t "<<num1<<"\t\t"<<gm\*num1;

gttl+=gm\*num1;

}

if(sports==1)

{

cout<<"\n\t\tSports\t\t"<<spfts<<"\t\t "<<num1<<"\t\t"<<spfts\*num1;

gttl+=spfts\*num1;

}

if(salon==1)

{

cout<<"\n\t\tSalon\t\t"<<slon<<"\t\t "<<num1<<"\t\t"<<slon\*num1;

gttl+=slon\*num1;

}

if(spa==1)

{

cout<<"\n\t\tSpa\t\t"<<sp<<"\t\t "<<num1<<"\t\t"<<sp\*num1;

gttl+=dcst\*num1;

}

if(theatre==1)

{

cout<<"\n\t\tTheatre\t\t"<<ttr<<"\t\t "<<num1<<"\t\t"<<ttr\*num1;

gttl+=ttr\*num1;

}

cout<<"\n\n\n\t\t\t Grand Total:Rs ";

if(gttl>100000) //to provide comma's for grandtotal

{

cout<<gttl/100000<<",";

gttl=gttl%100000;

}

if(gttl>1000)

{

cout<<gttl/1000<<",";

gttl=gttl%1000;

}

cout<<gttl;

if(gttl<10)

cout<<"00";

cout<<" ";

cout<<"\n\n\t‑‑! All Travellers below the age of 5 have not been charged !‑‑";

getch();

}

void welcome() // WELCOME SCREEN

{

textbackground(BLACK);

clrscr();

gotoxy(3,2); //welcome screen

textcolor(RED);

cputs(" \*\* :::::::

!!!!!!!! ‑‑‑ ‑‑‑ ");

gotoxy(3,3);

cputs(" \_\_\_\_\_ \*\* :: !!

!! ‑‑ ‑ ‑ ‑‑ \_\_\_\_\_ ");

gotoxy(3,4);

cputs(" \*\* :: !!

!! ‑‑ ‑‑ ‑‑ ");

gotoxy(3,5);

cputs(" \*\*\*\*\*\* ::::::: !!!!!!!! ‑‑ ‑ ‑‑ ");

textcolor(WHITE);

gotoxy(8,8);

cputs(" ~ \_\_ ~ \_\_ ~ \_\_ ");

gotoxy(8,9);

cputs(" |==| |==| |==| ");

gotoxy(8,10);

cputs(" \_\_|\_\_|\_\_|\_\_|\_\_|\_\_|\_ ");

gotoxy(8,11);

cputs(" \_\_ \_\_|\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_|\_\_\_ ");

gotoxy(8,12);

cputs(" \_\_\\/\_\_|\_\_[]\_\_[]\_\_[]\_\_[]\_\_[]\_\_[]\_\_|\_\_ ");

gotoxy(8,13);

cputs(" \\...........TITANIC................/ ");

gotoxy(8,14);

cputs(" \\................................/ ");

gotoxy(8,15);textcolor(BLUE);

cputs("~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~");

gotoxy(8,16);

cputs(" ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ");

gotoxy(8,17);

cputs(" ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~");

gotoxy(8,18);

cputs(" ~ ~ ~ ~ ~ ~ ~ ~ ~ ");

gotoxy(8,19);

cputs(" ~ ~ ~ ~ ~ ~ ~ ~");

gotoxy(18,25);

textcolor(BLUE);

cout<<"CRUISE DATABASE MANAGEMENT\n";

delay(500);

gotoxy(18,28);

textcolor(BLUE+BLINK);

cputs("Press any key to continue");

getch();

clrscr();

textbackground(CYAN);

}

void loading()

{

//LOADING THE PROJECT

clrscr();

textbackground(CYAN);

gotoxy(22,8);

textcolor(LIGHTGREEN);

cputs("­­­­­­­­­­­­­­­­­­­­­­­­­­­­­­­­­­­­­­­­­­­­­­­­­");

gotoxy(28,10);

cputs("LOADING YOUR PROJECT");

gotoxy(22,12);

cputs("‑‑‑‑‑‑‑‑‑‑‑‑‑‑‑‑‑‑‑‑‑‑‑‑‑‑‑‑‑‑‑‑‑‑‑‑‑‑‑‑‑‑‑‑‑‑‑‑");

gotoxy(22,14);

textcolor(MAGENTA+BLINK);

cputs("PLEASE WAIT.........");

textcolor(BLUE);

delay(800);

gotoxy(22,18);

cputs("Loading Cruise Titanic");

delay(800);

gotoxy(22,18);

cputs("Docking ship @ station....");

delay(800);

gotoxy(22,18);

cputs("Commence cleaning.....");

delay(800);

gotoxy(22,18);

cputs("Checking facilities...");

delay(800);

gotoxy(22,18);

cputs("Chlorinating pool...");

delay(800);

gotoxy(22,18);

cputs("Restocking supplies");

delay(800);

gotoxy(22,18);

cputs("Refueling gas ........");

delay(800);

gotoxy(22,18);

cputs("Checking in passengers....");

delay(800);

gotoxy(22,18);

cputs("Firing up engines.....");

delay(500);

gotoxy(22,18);

cputs("GOOD TO GO!!!!.....");

delay(800);

}

void main()

{

welcome();

loading();

textbackground(CYAN);

ifstream fl("INITIALL.txt",ios::binary); //initialisation of

// code

if(!fl)

cout<<"\nError";

fl.read((char\*)&code,sizeof(code));

fl.close();

int opt,opt1,opt2,opt3,opt4;

int acceptcode,flag;

getch();

clrscr();

textbackground(YELLOW);

do

{

clrscr();

textbackground(YELLOW);

textcolor(RED);

cout<<"\n\n\t\t­­­­­­­­­­­­­­­­­­­­­­­­­­­­­­­­­­­­­­­­­­­­­­­­­\n";

cout<<"\t\t ....WELCOME TO THE CRUISE DATABASE

SYSTEM.... \n";

cout<<"\t\t‑‑‑‑‑‑‑‑‑‑‑‑‑‑‑‑‑‑‑‑‑‑‑‑‑‑‑‑‑‑‑‑‑‑‑‑‑‑‑‑‑‑‑‑‑‑‑‑‑\n\n\n";

cout<<"\t\t \n";

cout<<"\t\t MAIN MENU \n";

cout<<"\t\t \n\n";

cout<<"\n\t\t\tPlease select a kind of user:";

cout<<"\n\n\t\t\t\t1.New User\n\n\t\t\t\t2.Existing User\n\n\t\t\t\t3.Exit";

cout<<"\n\n\t\t\t\t";

cin>>opt;

switch(opt)

{

case 1:do

{

textcolor(BLUE);

clrscr();

cout<<"\n\n\n\t\t\t\t NEW USER\n";

cout<<"\t\t\t\t \*\*\*\*\*\*\*\*\n\n";

cout<<"\n\n\t\t\tChoose the type of details you

want to enter:";

cout<<"\n\n\t\t\t\t1.Personal Details\n\n\t\t\t

\t2.Travel Details\n\n\t\t\t\t3.Back\n

\n\t\t\t\t ";

cin>>opt1;

switch(opt1)

{

case 1:textcolor(GREEN);

code++;

pob.p\_input(code);

ofstream ofl("PersonalDetails.txt" ,

ios::binary|ios::app) ;

if(!ofl)

cout<<"\n\n\t\tSorry.The File Cannot Be

Opened For Writing"<<endl;

ofl.write((char\*)&pob,sizeof(pob));

ofl.close();

textcolor(GREEN);

break;

case 2:tob.t\_input(code);

ofstream ofl1("TravelDetails.txt",

ios::binary|ios::app);

if(!ofl1)

cout<<"\n\n\t\tSorry.The File Cannot Be

Opened For Writing"<<endl;

ofl1.write((char\*)&tob,sizeof(tob));

ofl1.close();

clrscr();

cout<<"\n\n\n\n!!!!!Your Details Have

Been Registered. Please Make A

Note Of This Code: "<<code;

cout<<"\n\n\* For modifications,Please

visit 'existing user' section

in the main screen";

getch();

break;

}

}while(opt1!=3);

break;

case 2:clrscr();

cout<<"\n\n\t\t\t\*\*\*\*\* EXISTING USER

\*\*\*\*\*\n\n\t\tPlease Enter The Travel Code

That Was Given To You\n\n\t\t\t";

cin>>acceptcode;

if(acceptcode>code)

{

cout<<"\nNo such record has been created!";

break;

}

family(acceptcode,flag);

cout<<endl<<endl<<"\t\t\t\tCode no:"<<acceptcode;

getch();

if(flag==1)

{

do

{

clrscr();

cout<<"\n\n\t\t\t@@@@@@@@@ Information Centre

@@@@@@@@@";

cout<<"\n\t\t\t\t ~~~~~~~~~~~~~~~~~";

cout<<"\n\n\tPlease select the type of

operation that you would like to

perform:";

cout<<"\n\n\t\t\t1.View Personal Details \n

\n\t\t\t 2.View Travel Details \n\n

\t\t\t 3.Edit Details\n\n\t\t\t

4.Compute Bill\n\n\t\t\t

5.Back\n\n\t\t\t";

cin>>opt2;

switch(opt2)

{

case 1:ifstream ifl("PersonalDetails.txt",

ios::binary);

if(!ifl)

cout<<"\nError";

ifl.read((char\*)&pob,sizeof(pob));

while(!ifl.eof())

{

if(pob.givecode()==acceptcode)

{

break;

}

ifl.read((char\*)&pob,sizeof(pob));

}

pob.p\_output();

ifl.close();

break;

case 2:ifstream ifl1("TravelDetails.txt",

ios::binary);

if(!ifl1)

cout<<"\nError";

ifl1.read((char\*)&tob,sizeof(tob));

while(!ifl1.eof())

{

if(tob.gtcode()==acceptcode)

{

break;

}

ifl1.read((char\*)&tob,sizeof(tob));

}

tob.t\_output();

ifl1.close();

break;

case 3:do

{

clrscr();

cout<<"\n\n\n\t­­­­­­­­­­­­­­­­­­­­­­ Edit Details ­­­­­­­­­­­­­­­­­­­­­­­­­";

cout<<"\n\n\t\tPlease

select from among the

editing options:\n\n";

cout<<"\t\t\t\t1.Modify \n\n\t\t

\t\t 2.Delete \n\n\t\t\t\t

3.Back \n\n\t\t\t\t";

cin>>opt3;

switch(opt3)

{

case 1:do

{

clrscr();

cout<<"\n\n\t\tModificaton\n";

cout<<"\t\t ~~~~~~~~~~~";

cout<<"\n\n\tChoose The Type Of Details

You Want To Modify: \n\n\t\t\t

1.Personal Details\n\n\t\t\t

2.Travel Details \n\n \t\t\t

3.Back\n\n\t\t\t";

cin>>opt4;

switch(opt4)

{

case 1:editp(acceptcode);

break;

case 2:editt(acceptcode);

break;

case 3:break;

}

}while(opt4!=3);

break;

case 2:deletion(acceptcode);

opt3=3;

opt2=5;

break;

case 3:break;

}

}while(opt3!=3);

break;

case 4:ifstream ifl3("PersonalDetails.txt", ios::binary);

if(!ifl3)

cout<<"\nError";

ifl3.read((char\*)&pob,sizeof(pob));

while(!ifl3.eof())

{

if(pob.givecode()==acceptcode)

{

break;

}

ifl3.read((char\*)&pob,sizeof(pob));

}

ifstream ifl2("TravelDetails.txt",ios::binary);

if(!ifl2)

cout<<"\nError";

ifl2.read((char\*)&tob,sizeof(tob));

while(!ifl2.eof())

{

if(tob.gtcode()==acceptcode)

{

break;

}

ifl2.read((char\*)&tob,sizeof(tob));

}

tob.accept(pob.give());

tob.compute();

ifl2.close();

break;

case 5:break;

}

}while(opt2!=5);

}

break;

case 3:ofstream fil("INITIALL.txt",ios::binary); //storing code value

if(!fil)

cout<<"\nError";

fil.write((char\*)&code,sizeof(code));

fil.close();

clrscr();

cout<<"\n\n";

cout<<" \_/\_/\_/\_/\_/ \_/ \_/ \n";

cout<<" \_/ \_/\_/\_/ \_/\_/\_/ \_/\_/\_/ \_/ \_/ \n";

cout<<" \_/ \_/ \_/ \_/ \_/ \_/ \_/ \_/\_/ \n";

cout<<" \_/ \_/ \_/ \_/ \_/ \_/ \_/ \_/ \_/ \n";

cout<<" \_/ \_/ \_/ \_/\_/\_/ \_/ \_/ \_/ \_/ \n";

cout<<" \n";

cout<<" \n";

cout<<" \n";

cout<<" \_/ \_/ \n";

cout<<" \_/ \_/ \_/\_/ \_/ \_/ \n";

cout<<" \_/ \_/ \_/ \_/ \_/ \n";

cout<<" \_/ \_/ \_/ \_/ \_/ \n";

cout<<" \_/ \_/\_/ \_/\_/\_/ \n\n";

cout<<"\t |===| ~~\n";

cout<<" \_| |\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_|| ||\_\_\_ ";

cout<<"\t\t |\_|\_|\_|\_\\_\_()\_\_\_\_()\_\_\_\_()\_\_\_\_\_\_()\_\_\_\_\_\_()\_\_\_\_\_()\_\_||\_||\_\_/"<<endl;

cout<<"\t `.==---------|\_|----|\_|-----|\_|----|\_|-----------------/"<<endl;

cout<<"\t `.\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_/"<<endl;

cout<<"..........oOoOo~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~"<<endl;

cout<<".........oOoOo~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~"<<endl;

cout<<".........oooo~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~"<<endl;

getch();

exit(0);

}

getch();

}while(1); //infinite loop till exit selected

}