**“CRUISE DATABASE MANAGEMENT”**

**C:\Program Files\Microsoft Office\MEDIA\CAGCAT10\j0292152.wmf**

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* **CLASS: XII SCIENCE**
* **ROLL NO.:**
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and successful.

Omkar Srivastava

XII SCIENCE

CERTIFICATE

This is to certify that Omkar Srivastava of class XII SCIENCE has completed this project titled

“CRUISE DATABASE MANAGEMENT” under my guidance.

Kavita Negi

Computer Science

AVB Public School

*CODING*

#include<iostream.h>

#include<conio.h>

#include<stdio.h>

#include<process.h>

#include<fstream.h>

#include<ctype.h>

#include<stdlib.h>

#include<iomanip.h>

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\t1.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\tPlease 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\t2.Cochin\n\n\t\t\t3.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\t6.Dubai\t\t\t11.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\t9.Copenhagen\t\t14.Sydney";

cout<<"\n\n\t 5.Hong Kong\t\t10.Cape Town\t\t15.Wellington\n\n\n\n\n\t\t\t\t ";

cin>>go\_pt;

break;

case 3:clrscr();

cout<<"\n\n\t Date of Departure ";

cout<<"\n\n \* Note:Format for entering:Day(press enter)Month(press enter)Year \*";

cout<<"\n\n\t\tEnter your preferred date of departure: ";

cin>>day;

gotoxy(59,7); //to create a paricular 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\t1.No\n\n\t\t\t2.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\t1.No\n\n\t\t\t2.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\t1.No\n\n\t\t\t2.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\t1.No\n\n\t\t\t2.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\t2.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\t1.No\n\n\t\t\t2.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 Gymnasuim";

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 familyname+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==13)

{

month=1;

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 main()

{

clrscr();

cout<<"\n\n\n\n\n"; //welcome screen

cout<<" \*\* ::::::: !!!!!!!! ‑‑‑ ‑‑‑ \n";

cout<<" \_\_\_\_\_ \*\* :: !! !! ‑‑ ‑ ‑ ‑‑ \_\_\_\_\_ \n";

cout<<" \*\* :: !! !! ‑‑ ‑‑ ‑‑ \n";

cout<<" \*\*\*\*\*\* ::::::: !!!!!!!! ‑‑ ‑ ‑‑ \n";

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

cout<<" ~ \_\_ ~ \_\_ ~ \_\_ \n";

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

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

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

cout<<" \_\_|\_\_[]\_\_[]\_\_[]\_\_[]\_\_[]\_\_[]\_\_|\_\_\_ CRUISE DATABASE MANAGEMENT\n";

cout<<" |............................o.../ \n";

cout<<" \\.............................../ \n";

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

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

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

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

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

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();

do

{

clrscr();

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

{

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: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();

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\t2.View Travel Details\n\n\t\t\t3.Edit Details\n\n\t\t\t4.Compute Bill\n\n\t\t\t5.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\t2.Delete\n\n\t\t\t\t3.Back\n\n\t\t\t\t";

cin>>opt3;

switch(opt3)

{

case 1:do

{

clrscr();

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

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

cout<<"\n\n\tChoose The Type Of Details You Want To Modify:\n\n\t\t\t1.Personal Details\n\n\t\t\t2.Travel Details\n\n\t\t\t3.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}

***OUTPUT***

**WELCOME**

**\_\_ ~ \_\_ ~ \_\_**

**|==| |==| |==|**

**\_\_|\_\_|\_\_|\_\_|\_\_|\_\_|\_**

**\_\_|\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_|\_\_\_**

**\_\_|\_\_[]\_\_[]\_\_[]\_\_[]\_\_[]\_\_[]\_\_|\_\_\_ CRUISE DATABASEMANAGEMENT**

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**~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~**

**....WELCOME TO THE CRUISE DATABASE SYSTEM....**

**MAIN MENU**

**Please select a kind of user:**

**1.New User**

**2.Existing User**

**3.Exit**

**> 1**

**NEW USER**

**\*\*\*\*\*\*\*\*\*\*\*\***

**Choose the type of detail you want to enter:**

**1.Personal Details**

**2.Travel Details**

**3.Back**

**>2**

**TRAVEL DETAILS**

**Please enter the following details for your journey:**

**\*Note:Options marked with ‘\*’ are compulsory,**

**Please do select them.**

**\*1. Boarding Point**

**\*2. Destination**

**\*3.Date of Departure**

**\*4.Deck**

**5.Cabin**

**6. Swimming Pool**

**7. Gymnasium**

**8. Sports**

**9. Salon**

**10. Spa**

**11. Theatre**

**12.Back**

**>1**

**Select Boarding Point:**

**1.Mumbai**

**2.Cochin**

**3.Chennai**

**>1**

**TRAVEL DETAILS**

**Please enter the following details for your journey:**

**\*Note:Options marked with ‘\*’ are compulsory,**

**Please do select them.**

**\*1. Boarding Point**

**\*2. Destination**

**\*3.Date of Departure**

**\*4.Deck**

**5.Cabin**

**6. Swimming Pool**

**7. Gymnasium**

**8. Sports**

**9. Salon**

**10. Spa**

**11. Theatre**

**12.Back**

**>2**

**\*\*\*\*\*\*SELECT DESTINATION\*\*\*\*\*\***

**1.New York 6.Dubai 11.Antananariv**

**2.Miami 7.Lisbon 12.Cairo**

**3.Rio de janeiro 8.London 13.Perth**

**4.Colombo 9.Copenhagen 14.Sydney**

**5.Hongkong 10.CapeTown 15.Wellington**

**>1**

**TRAVEL DETAILS**

**Please enter the following details for your journey:**

**\*Note:Options marked with ‘\*’ are compulsory,**

**Please do select them.**

**\*1. Boarding Point**

**\*2. Destination**

**\*3.Date of Departure**

**\*4.Deck**

**5.Cabin**

**6. Swimming Pool**

**7. Gymnasium**

**8. Sports**

**9. Salon**

**10. Spa**

**11. Theatre**

**12.Back**

**>3**

**>>>>>>>>>>>>>>Date of Departure>>>>>>>>>>>>>>**

**\*Note:Format for entering:Day(press enter)Month(press enter)Year\***

**Enter your preferred date of departure:18 4 2012**

**TRAVEL DETAILS**

**Please enter the following details for your journey:**

**\*Note:Options marked with ‘\*’ are compulsory,**

**Please do select them.**

**\*1. Boarding Point**

**\*2. Destination**

**\*3.Date of Departure**

**\*4.Deck**

**5.Cabin**

**6. Swimming Pool**

**7. Gymnasium**

**8. Sports**

**9. Salon**

**10. Spa**

**11. Theatre**

**12.Back**

**>4**

**Enter The Choice OF Deck**

**1.Top Deck**

**2.Middle Decks**

**3.Bottom Deck**

**>1**

**TRAVEL DETAILS**

**Please enter the following details for your journey:**

**\*Note:Options marked with ‘\*’ are compulsory,**

**Please do select them.**

**\*1. Boarding Point**

**\*2. Destination**

**\*3.Date of Departure**

**\*4.Deck**

**5.Cabin**

**6. Swimming Pool**

**7. Gymnasium**

**8. Sports**

**9. Salon**

**10. Spa**

**11. Theatre**

**12.Back**

**>12**

**!!!!!Your Details Have Been Registered.Please Make A Note OF This Code:0**

**\*For modifications,Please visit ‘existing user’ section in the main screen**

**NEW USER**

**\*\*\*\*\*\*\*\*\*\*\*\***

**Choose the type of detail you want to enter:**

**1.Personal Details**

**2.Travel Details**

**3.Back**

**>3**

**....WELCOME TO THE CRUISE DATABASE SYSTEM....**

**MAIN MENU**

**Please select a kind of user:**

**1.New User**

**2.Existing User**

**3.Exit**

**> 3**

*Thank*

*You*

**BIOBLIOGRAPHY**

* ***C++ BY SUMITA ARORA***