***Experiment no.04***

***PROGRAM:***

#include<iostream>

#include <cstdlib>

using namespace std;

class tour1

{

public:

string country;

string state;

void Country()

{

cout<<"Enter the name of country: ";

cin>>country;

cout<<"\n";

cout<<"Enter the name of state: ";

cin>>state;

}

};

class tour2

{

public:

string name,add,mobile\_no,date;

int no\_of\_days;

void customer\_info()

{

cout<<"\n\tPlease Enter your details....\n\n"<<endl;

cout<<"Enter your name: "<<endl;

cin>>name;

cout<<"Enter your address: "<<endl;

cin>>add;

cout<<"Enter your mobile number: "<<endl;

cin>>mobile\_no;

cout<<"On which date you want to go to tour ?"<<endl;

cin>>date;

cout<<"How many dats you wany to stay there ?"<<endl;

cin>>no\_of\_days;

cout<<"\t\t\n\nThank You..."<<endl;

cout<<"\n\n\tCongratulations , Your tour is Successfully booked.Enjoy your tour.\n"<<endl;

}

};

class tour: public tour1,public tour2

{

public:

char city\_name[50];

float tour\_price,tax,tour\_discount;

void create\_tour()

{

cout<<endl<<"Enter The Name of The city: ";

cin.ignore();

cin.getline(city\_name ,50);

cout<<endl<<"Enter The Price of The tour: ";

cin>>tour\_price;

cout<<endl<<"Enter The Discount (%): ";

cin>>tour\_discount;

cout<<endl<<"Enter tax: ";

cin>>tax;

}

void show\_tour()

{

cout<<"Name of country: "<<country<<endl;

cout<<"Name of state: "<<state<<endl;

cout<<"Name of city: "<<city\_name<<endl;

cout<<"Price of tour: "<<tour\_price<<endl;

cout<<"Discount for tour: "<<tour\_discount<<"%"<<endl;

cout<<"Tax for tour: "<<tax<<"%"<<endl;

cout<<"Name of customer: "<<name<<endl;

cout<<"address of customer: "<<add<<endl;

cout<<"mobile number of customer: "<<mobile\_no<<endl;

cout<<"Date: "<<date<<endl;

cout<<"Number of days: "<<no\_of\_days<<endl;

}

};

int main()

{

//cout<<"\t\t\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*"<<endl;

cout<<"\t\t\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*"<<endl;

cout<<"\t\t\*\*\*\*\*\*\*\*TOUR MANAGEMENT SYSTEM\*\*\*\*\*\*\*\*\*\*\*\*\*"<<endl;

cout<<"\t\t\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*"<<endl;

//cout<<"\t\t\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*"<<endl;

cout<<"\n\n\t\t\t\t----------------WELCOME , TO OUR SYSTEM--------"<<endl;

cout<<"\n\n";

tour t;

t.Country();

t.create\_tour();

cout<<"\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_"<<endl;

t.customer\_info();

cout<<"\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\n"<<endl;

t.show\_tour();

return 0;

}

***OUTPUT:***

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\*\*\*\*\*\*\*\*TOUR MANAGEMENT SYSTEM\*\*\*\*\*\*\*\*\*\*\*\*\*

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----------------WELCOME , TO OUR SYSTEM--------

Enter the name of country: india

Enter the name of state: maharashtra

Enter The Name of The city: mumbai

Enter The Price of The tour: 100000

Enter The Discount (%): 10

Enter tax: 05

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Please Enter your details....

Enter your name:

sagar

Enter your address:

pune

Enter your mobile number:

4563257

On which date you want to go to tour ?

11/12/19

How many dats you wany to stay there ?

4

Thank You...

Congratulations , Your tour is Successfully booked.Enjoy your tour.

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Name of country: india

Name of state: maharashtra

Name of city: mumbai

Price of tour: 100000

Discount for tour: 10%

Tax for tour: 5%

Name of customer:­ sagar

address of customer: pune

mobile number of customer: 4563257

Date: 11/12/19

Number of days: 4