CAR RENTAL SERVICE

A MINI PROJECT :

SUBMITTED TO :

ASST. PROF.APRIT DEO

MOTIVE OF OUR PROJECT

- We aim to become a pioneer in the vehicle rental industry by completely focusing on customers, our employees, growth, innovation and efficiency. All of these elements will drive us towards success and show us as one company that can perform and give value for money

INTRODUCTION

When it comes to cab rental services, OUR Service is the most trusted and reliable name in the travel business. The most advanced travel agents offering cab rental and car hire in India, making full use of information technology to improve the level of our efficiency. However, this is only one aspect of services. And this project continually strive to offer the best of services - both in terms of man and machine, to our clients. And this project claim to offer the best of rates

CONCEPT OF OOPS

- In this project we are using some concepts of oops(object oriented programming) such as :

A. Object and class

B. Inheritance: In object-oriented programming (OOP), *inheritance* describes a relationship between two classes in which one class (the *child* class) *subclasses* the *parent* class. The child inherits methods and attributes of the parent, allowing for shared functionality

C. And some basic library

INHERITANCE

In this project we are using the concept of inheritance or we can say multiple inheritance.

MULTIPLE INHERITANCE: **Multiple inheritance** is a feature of some object-oriented computer programming languages in which an object or class can inherit characteristics and features from more than one parent object or parent class.

ADVANTAGES OF OUR SERVICE

❖Maintenance is easy and performance is good

❖Mainly the system is automated the transporation process

❖It is very affordable as compare to previous services

❖It provide a safety area to the customers and give a proper maintaining to the car and the customers

❖As the information and the details are recorded so that no miscommunication is occurs.

CODE FOR CAR RENTAL SERVICE

File   Edit   Search   View   Project   Execute   Tools   AStyle   Window   Help
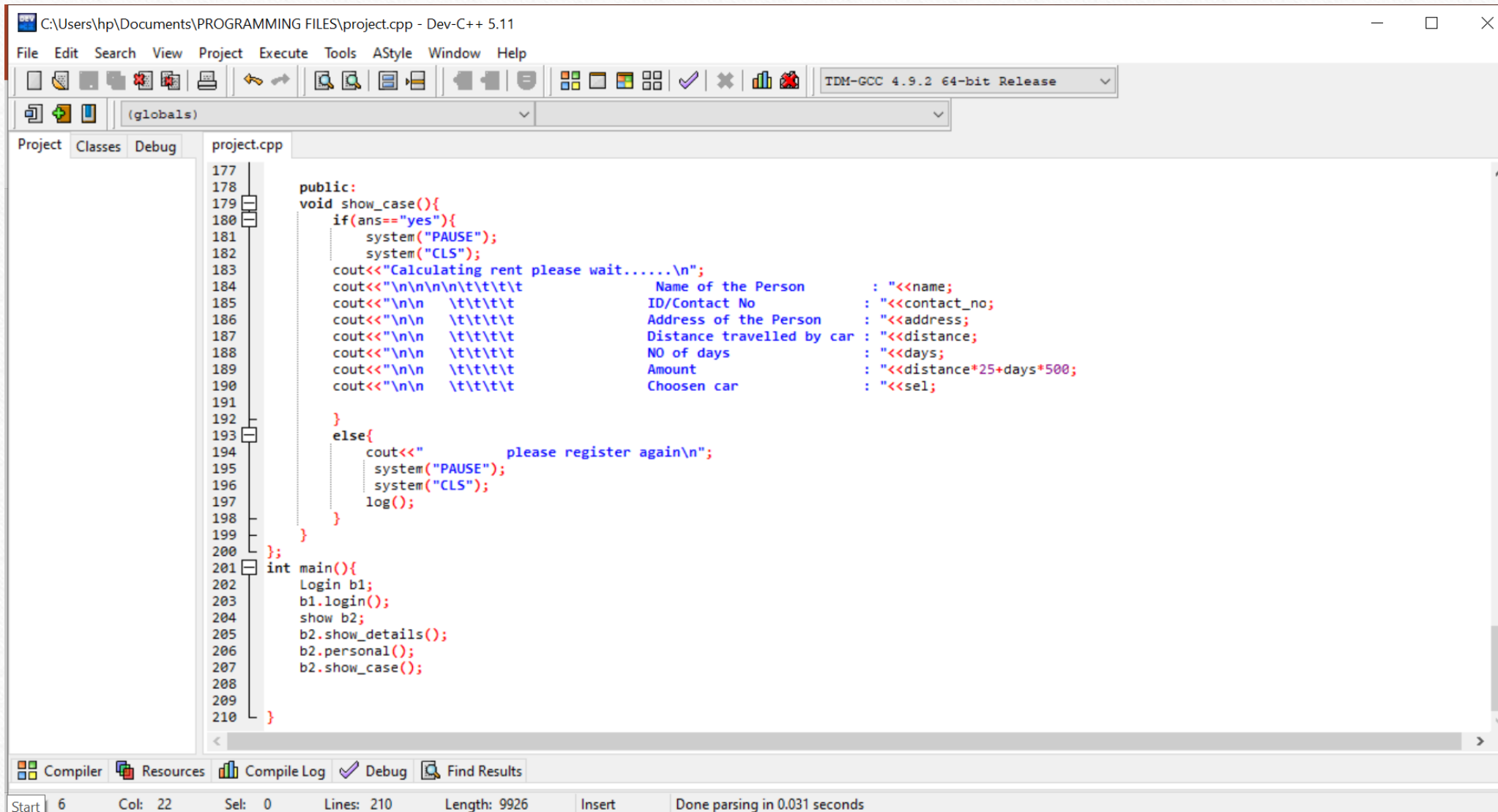
TDM-GCC 4.9.2 64-bit Release

(globals)

Project   Classes   Debug   project.cpp

```cpp
34  int show_det(){
35          cout<<"\n\n\n\n\n";
36          cout<<"/////////////////////////////////////////////////////////////////////////////////////"<<endl;
37          cout<<"               Welcome to our Company, you can choose any of the car for rent which is given below"<<endl;
38          cout<<"/////////////////////////////////////////////////////////////////////////////////////"<<endl;
39          cout<<"                    Select A for Maruti Suzuki"<<endl;
40          cout<<"                    Select B for Hyundai"<<endl;
41          cout<<"                    Select C for Renault"<<endl;
42          cout<<"                    Select D for Tata"<<endl;
43          cout<<"                    Select E for Mahindra"<<endl;
44          cout<<"                    Select F for Toyota"<<endl;
45          cout<<"                    Select G for Kia"<<endl<<endl;
46          cout<<"               press to choose :";
47          cin>>sel;
48          if(sel=='A'){
49                  system("PAUSE");
50                  system("CLS");
51          cout<<"\n\n\n\n-------------------------------------------------------------------------------------------"<<endl;
52          cout<<"                    You have selected Maruti Suzuki"<<endl;
53          cout<<"-------------------------------------------------------------------------------------------"<<endl<<endl;
54          cout<<"                    Car Name      :    Alto 800"<<endl;
55          cout<<"                    Model No      :    Lxi"<<endl;
56          cout<<"                    Color         :    Red"<<endl;
57          cout<<"                    Highest speed:    140km/hr"<<endl;
58
59
60          }
61          else if(sel=='B'){
62                  system("PAUSE");
63                  system("CLS");
64          cout<<"\n\n\n\n-------------------------------------------------------------------------------------------"<<endl;
65          cout<<"                    You have selected Hyundai"<<endl;
66          cout<<"-------------------------------------------------------------------------------------------"<<endl<<endl;
67          cout<<"                    Car Name      :    Creta"<<endl;
```

Compiler   Resources   Compile Log   Debug   Find Results

Start   6   Col: 22   Sel: 0   Lines: 210   Length: 9926   Insert   Done parsing in 0.031 seconds

24°C Clear   ENG   22:59

```cpp
139            return 0;
140    };
141    class show_car{
142        public:
143
144            void show_details(){
145                show_det();
146            }
147    };
148    class per_det{
149        public:
150        string name;
151        string contact_no;
152        string address;
153        int distance;
154        string ans;
155        int days;
156        void personal(){
157            system("PAUSE");
158            system("CLS");
159            cout<<"\n\n\n\n\n\t\t\t Provide your personal details";
160            cout<<" \n\n                                Your Name                        : ";
161            cin>>name;
162            cout<<" \n\n                                Contact No                       : ";
163            cin>>contact_no;
164            cout<<" \n\n                                Your Address                     : ";
165            cin>>address;
166            cout<<" \n\n                                Distance Travelled               : ";
167            cin>>distance;
168            cout<<" \n\n                                NO of days you wanted for rent   : ";
169            cin>>days;
170            cout<<endl<<endl;
171            cout<<"            are you sure and prefer to register say (yes/no) : ";
172            cin>>ans;
```

File   Edit   Search   View   Project   Execute   Tools   AStyle   Window   Help

TDM-GCC 4.9.2 64-bit Release

(globals)

Project   Classes   Debug   project.cpp

```cpp
177
178            public:
179            void show_case(){
180                if(ans=="yes"){
181                    system("PAUSE");
182                    system("CLS");
183                cout<<"Calculating rent please wait......\n";
184                cout<<"\n\n\n\n\t\t\t\t                    Name of the Person        : "<<name;
185                cout<<"\n\n   \t\t\t\t                    ID/Contact No             : "<<contact_no;
186                cout<<"\n\n   \t\t\t\t                    Address of the Person     : "<<address;
187                cout<<"\n\n   \t\t\t\t                    Distance travelled by car : "<<distance;
188                cout<<"\n\n   \t\t\t\t                    NO of days                : "<<days;
189                cout<<"\n\n   \t\t\t\t                    Amount                    : "<<distance*25+days*500;
190                cout<<"\n\n   \t\t\t\t                    Choosen car               : "<<sel;

192                }
193                else{
194                    cout<<"            please register again\n";
195                    system("PAUSE");
196                    system("CLS");
197                    log();
198                }
199            }
200        };
201        int main(){
202            Login b1;
203            b1.login();
204            show b2;
205            b2.show_details();
206            b2.personal();
207            b2.show_case();
208
209
210        }
```

Compiler   Resources   Compile Log   Debug   Find Results

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OUTPUT OF OUR CODE

FINAL DETAILS OF CODE

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CONCLUSION

- By using the important concept of oops we have created a cab service which provide better journey to our customers and give them comfortable as well as affordable trip to their destination .

- In this module we have keep things basic so that there will no misguidance in their work and trip

- We have done our best to provide details and give enjoyable trip to our customers.

THANK YOU