

# CAR RENTING ACCESS CODE

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#include <iostream>
#include <fstream>
#include <conio.h>
#include <stdlib.h>
#include <unistd.h>
#include <dos.h>
#include <iomanip>
//Brought To You by code-projects.org
// included required library files
using namespace std;
class customer // customer class
{
    private:
    public:
        string customername;
        string carmodel;
        string carnumber;
        char data;
        // variables defined in this class in public mode.
};
class rent : public customer // inhereted class from customer class
{
    public:
        int days=0,rentalfee=0; // additional int variabales defined
        void data()
        {
            int login();
            login();
            cout << "\t\t\t\tPlease Enter your Name: "; //taking data from the user
            cin >> customername;
            cout<<endl;
            do
            {
                cout << "\t\t\t\tPlease Select a Car"<<endl; //giving user a choice to select among three
different models
                cout<< "\t\t\t\tEnter 'A' for Toyota Vios"<<endl;
                cout<< "\t\t\t\tEnter 'B' for Hyundai 2015."<<endl;
                cout<< "\t\t\t\tEnter 'C' for Ford 2017."<<endl;
                cout<<endl;
                cout<< "\t\t\t\tChoose a Car from the above options: ";
                cin >> carmodel;
                cout<<endl;
```

```

cout<<"-----"<<endl;
if(carmodel=="A")
{
    system("CLS");

    cout<<"You have choosed Toyota Vios"<<endl;
    ifstream inA("A.txt"); //displaying details of model A
    char str[200];
    while(inA) {
        inA.getline(str, 200);
        if(inA) cout << str << endl;
    }
    sleep(2);
}
if(carmodel=="B")
{
    system("CLS");

    cout<<"You have choosed Hyundai model 2015"<<endl;
    ifstream inB("B.txt"); //displaying details of model B
    char str[200];
    while(inB) {
        inB.getline(str, 200);
        if(inB) cout << str << endl;
    }
    sleep(2);
}
if(carmodel=="C")
{
    system("CLS");
    cout<<"You have choosed Ford model 2017"<<endl;
    ifstream inC("C.txt"); //displaying details of model C
    char str[200];
    while(inC) {
        inC.getline(str, 200);
        if(inC) cout << str << endl;
    }
    sleep(2);
}
if(carmodel != "A" && carmodel != "B" && carmodel != "C" )

    cout<<"Invaild Car Model. Please try again!"<<endl;
}
while(carmodel != "A" && carmodel != "B" && carmodel != "C" );
cout<<"-----"<<endl;
cout << "Please provide following information: "<<endl;
    //getting data from user related to rental service

```

[illegible]

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system ("CLS");

ifstream inf("thanks.txt");

char str[300];

while(inf) {
    inf.getline(str, 300);
    if(inf) cout << str << endl;
}
inf.close();
};

class welcome //welcome class
{
    public:
    int welcum()
    {
        ifstream in("welcome.txt"); //displaying welcome ASCII image text on output screen fn1353

        if(!in) {
            cout << "Cannot open input file.\n";
        }
        char str[1000];
        while(in) {
            in.getline(str, 1000); // delim defaults to '\n' cp
            if(in) cout << str << endl;
        }
        in.close();
        sleep(1);
        cout<<"\nStarting the program please wait....."<<endl;
        sleep(1);
        cout<<"\nloading up files....."<<endl;
        sleep(1); //function which waits for (n) seconds
        system ("CLS"); //cleares screen
    }

};

int main()
{
    welcome obj1; //object created for welcome class
    obj1.welcum(); //welcum function is called
    rent obj2;
    //object created for rent class and further member functions are called
    obj2.data();
    obj2.calculate();
    obj2.showrent();
}

```

```
return 0; //end of the program
}
```

[illegible]