**Constructors and Types**

A cab company wants to register the vehicle owners their vehicle details which will be converted as a CAB. For the purpose of application we need to work with class and objects and as a part of the applications requirement we need to use constructors.

Create a Vehicle class with following private attributes.

|  |  |
| --- | --- |
| **Attributes** | **Datatype** |
| registrationNumber | String |
| driverName | String |
| vehicleType | String |
| costPerKM | float |

Include appropriate Properties. Create two constructors, default constructor and a parameterized constructor. The default constructor should display for each object creation a message called “Cab Registration” and parameterized constructor should initialize instance variables and should call the default constructor.

Vehicle class contains the following methods.

|  |  |
| --- | --- |
| **Method Name** | **Description** |
| void Display() | This method displays the details of the vehicle as per specification provided in the sample input/output |

Create a driver class called **Main**. In the Main method, obtain input from the user in the console and create a new vehicle object and assign the values to the object's members using setters. Display the details by calling the display method.

**[Note: Strictly adhere to theObject Oriented Specifications given in the problem statement.**  
**All class names, attribute names and method names should be the same as specified in the problem statement.]**  
  
**[All text in bold corresponds to the input and rest corresponds to output]**  
**Sample Input/Output:**

Enter Vehicle Details

Enter Registration Number :

TN45Q1234

Enter Driver Name :

Rajesh

Enter Vehicle Type :

Micro

Enter Cost Per KM :

12

Cab Registration

Vehicle Details :

Registration Number :TN45Q1234

Driver Name : Rajesh

Vehicle Type : Micro

Cost Per KM : 12.0