Task : Encapsulation

```
class Car{
private:
        int numberOfWheels;
        int weight;
public:
        Car()                   {       //initialize all variables to zero          }
        Car(int now,int w)      {       //assign now and w to the relevants         }
        void setWeight(int i)   {       //sets weight of the car                    }
        void setNOWheels(int i) {       //sets weight of the car                    }
        int getNOWheels()       {       //returns numberOfWheels of the car         }
        int getWeight()         {       //returns weight of the car                 }
        void print()            {       //print all the details of a car            }
};
```

1. Complete all the function definitions
2. Create an object of the above class in the main and test all the functions of Car class

Task : Static

static int count (private) (when object created it should be incremented by 1)

void showCount() (public) (it will output the value of count variable)

Add the above mentioned members to the above Car class.

Task : Object Count

Now create more objects of the Car class in the main() and call the function named showCount() from main().

showcount() will show the total number objects created so far.

Task : Destructor

Add a destructor in the Car class. That will say ”object destroyed” when any object is destroyed.