**Exercise 1 :***Create a class called Vehicle. In the Vehicle class constructor initialize few variables like color, no of wheels, model etc.Create subclasses like Truck, Bus, Car etc. Add common methods in the base class and specific methods in the corresponding class. Create a class called Road*

*and create Array of Object of type Vehicle and display the appropriate message.*

**Exercise 2 :***Create a class called Worker. Write classes DailyWorker and SalariedWorker that inherit from Worker.Every worker has a name and a salaryrate. Write method Pay (int hours) to compute*

*the week pay of every worker. A Daily worker is paid on the basis of the number of days*

*she/he works.The salaried worker gets paid the wage for 40 hours a week no matter what the*

*actual hours are. Test this program to calculate the pay of workers.*

**Exercise 3 :** Insertion Sort, Bucket sort, Merge sort, Radix sort