**Interface & Package**

1. Create an interface “Department” containing attributes depName and depHead. It also has abstract methods for getting data and printing the attributes. Create a class “Hostel” containing attributes hostelName, hostelLocation and noOfRooms. The class contains methods for getting and printing the attributes. Then write “Student” class extending “Hostel” class and implementing “Department” interface. This class contains attributes studentName, regNo, electiveSubject and avgMarks. Write suitable getdata and printdata methods for this class. Also implement the abstract methods of the “Department” interface. Write a driver class to test the “Student” class. Print all the details of the student including depName and depHead.
2. Create a package named “Employee” which has a class named Salaried with following variables:

Emp\_name

Emp\_id

Age

Address

Salary

Years of experience

Department name

Write Getdata and printdata methods for above variables

**Create a subclass of Salaried named “Trainee” in another file.** Trainee has following extra features:

Training Domain

Date of joining

Training score

Write getdata and printdata methods and a method to print those trainee names who joined more than 1 yr before and got a score above 80.