1. Create a class as student with members:

data members : rollno, name, mark1, mark2, mark3, total and average.

member functions: gettotal(),getdata() and displaydata().

gettotal(): Return the total marks

getdata() method used to get the student details.

displaydata() method used to display the student details.

1. Define a class named “Employee” with following fields:

empID, empName, deptID, bloodGroup, salary.

Define following methods:

setEmployeeDetails(): To read employee data.

printEmployeeDetails(): To display employee data.

1. Write a program to calculate the area of circle and cylinder by creating methods named areaOfCircle() and areaOfCylinder in a class named Area and using a constant variable PI=3.14.
2. Define a class Flight with following description:

**Private Members :**

Flight Number, Destination, Distance and Fuel (instance variable)

A method calFuel() to calculate the value of Fuel as per the following criteria

Distance Fuel

<=1000 500

more than 1000 and <=2000 1100

more than 2000 2200

**Public Members**

A method feedInfo() to allow user to enter values for Flight Number, Destination, Distance & call method calFuel() to calculate the quantity of Fuel

A method showInfo() to allow user to view the content of all the data members

1. Define a class named Test with an instance variable num.

Define a Constructor and a method named getReverse().

Create an object of the class pass an integer to the constructor to initialize num. Call getReverse() to get the reverse and print the reverse no.