



## **Concepts of Programming Using Java**

1. Write a program to print the area of two rectangles having sides (4,5) and (5,8) respectively by creating a class named 'Rectangle' with a method named 'Area' which returns the area and length and breadth passed as parameters to its constructor.
2. Write a program that would print the information (name, year of joining, salary, address) of three employees by creating a class named 'Employee'. The output should be as follows:

Name	Year of joining	Address
EMP1	2000	Pune
EMP2	2002	Pune
EMP3	2008	Mumbai

3. Write a program to print the name, salary and date of joining of 10 employees in a company. Use array of objects.
4. Create a class 'Student' with three data members which are name, age and address. The constructor of the class assigns default values name as "unknown", age as '0' and address as "not available". It has two members with the same name 'setInfo'. First method has two parameters for name and age and assigns the same whereas the second method takes has three parameters which are assigned to name, age and address respectively. Print the name, age and address of 10 students.
5. Create a class Vehicle. The class should have two fields-no\_of\_seats and no\_of\_wheels. Create facilitator function to display number of seats and number of wheels. Create two objects and initialize the fields using constructor.