

PRACTICAL ASSIGNMENT-3

Constructor and Constructor Overloading :

- (1) Write a java program of constructor overloading which is used parameterized constructor. Use id, name and city as a data member.
- (2) Write a java program to perform swap two value using class, object and method.(use getdata() and swap())
- (3) Define class student with name, rollno, mark1, mark2, mark3, total and percentage variables. Define a constructor to initialize variables and a method to calculate total as well as percentage. Define a separate method displaydata() to print all the information.
- (4) Write a java program that defines a class named student_detail. student_detail includes st_id, st_name, st_phone, st_course data members. Use the constructor overloading and display all the information about student.
- (5) Write a java program that defines a class interest. This class includes methods for calculating simple interest. For data member initialization, use appropriate constructor.
- (6) Write a java program to display sum using method overloading.
- (7) Write a java code that defines class Rectangle. the class define two methods for calculating area and perimeter. Define constructor to initialize the variables. Use following formulas for calculation.
$$\text{Area of rectangle} = x * y$$
$$\text{Perimeter of rectangle} = 2 * (x + y)$$
- (8) Write a java program to demonstrate this keyword in java.
- (9) Write a Java Program to demonstrate the use of a static method.