



BRAINWARE UNIVERSITY

ASSIGNMENT 3

[MCA291]

[Core Java and Advanced Java Lab]

1. Write a Java program to implement class mechanism. – Create a class, methods and invoke them inside main method.
2. Create a class to print the area of a square and a rectangle. The class has two methods with the same name but different number of parameters. The method for printing area of rectangle has two parameters which are length and breadth respectively while the other method for printing area of square has one parameter which is side of square.
3. Create a class named 'PrintNumber' to print various numbers of different data types by creating different methods with the same name 'printData' having a parameter for each data type.
4. Write a program to print the names of students by creating a Student class. If no name is passed while creating an object of Student class, then the name should be "Unknown", otherwise the name should be equal to the String value passed while creating object of Student class.
5. Write a Java program implement method overriding.
6. Write a Java program give example for “super” keyword.
7. Write a Java program give example for “this” keyword.
8. Write a Java program give example for “static” data members and methods.