PROGRAMMING IN JAVA LAB (ACCS-16506)

Batch (2020-2024)

Machine Exercise 3

Write outputs for all your programs. Draw neat and clean diagrams.

Q1. Explain the various blocks available in a Java program. Also explain the static fields in Java.

Q2. Explain different types of constructors in Java. Take suitable examples.

Q3. Write a JAVA program using classes and objects to print the value of a^b.

Q4. Write a JAVA program using classes and objects and a parameterized constructor to print the factorial of a given number.

Q5. Write a JAVA program using classes and objects and methods overloading to print sum of two numbers using different data types.

Q6. Write a JAVA program using classes and objects and methods overloading to print greatest of two, three and four given numbers.

Q7. Write a JAVA program to print sum of two numbers using the concept of recursion.

Q8. Write a JAVA program to print first n terms of a Fibonacci sequence 1,1,2,3,5,….. using the concept of recursion.

Q9. Write a JAVA program using classes and objects to check whether a given string is a palindrome or not.

Q10. Write a JAVA program using classes and objects to sort a given list of strings in descending order