

**Assignment No:**

**Subject: Java Programming**

**Date: xx / xx / xxxx**

**Marks:**

Time: xx : xx

1. Explain Execution flow of java program.
2. Explain how JOptionPane.showInputDialog() used to input data with example.
3. Explain Bitwise operators in java with example.
4. Enter any character using keyboard and find whether it is Uppercase, lowercase, digit or Special Symbol.
5. Enter any three digit number and reverse it using / and % operators.
6. Write a program to check entered number is Disarium Number or not.
7. Write a program to find frequency of each digit in a entered integer.
8. Write a program to check entered number is Condense Number or not.

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9. Write a program in Java to find the sum of the given series:

$$S = a + a^2 / 2 + a^3 / 3 + ..... + a^{10} / 10$$

10. Explain with the help of example, how switch is used within the infinite loop.
11. Write a program to compare two arrays, and display both having same elements or not.