

## Assignment No:

**Subject: Java Programming**

**Date: xx / xx / xxxx**

**Marks:**

**Time: xx : xx**

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1. Explain the Java Welcome Program.
  2. What is data type, explain different data types in java and using any one way to input data.
  3. Explain conditional operators in java with example.
  4. Write a C program to check whether a number is negative, positive or zero.
  5. Enter the marks obtained in 5 subjects and calculate the percentage.
  6. Write a program to check entered number is Happy Number or not.
  7. Write a program to find the  $x^y$  using do while() loop.
  8. Write a program to check entered number is Condense Number or not.

```
  *
 * * *
* * * * *
* * * * * *
 * * * * *
  * * *
    *
```

```
  A
 BC
DEF
GHIJ
KLMNO
```

9. Write the program in Java to display the first ten terms of the following series:  
1, 4, 9, 16,.....
10. Write a program using the switch case to demonstrate how to use a character case constant.
11. Write a program to find reptation of a entered number in an array.