Assignment No:
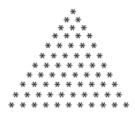
Subject: Java Programming   **Date: xx / xx / xxxx**

Marks: **Time: xx : xx**

1. Explain how platform independency achieved in java.

2. Write a program using BufferedReader and InputStreamReader to input and display the elements of different types and explain it.

3. Explain Arithmetic operators in java with example.

4. Write a C program to input basic salary of an employee and calculate its Gross salary according to the following:

   Basic Salary <= 10000 : HRA = 20%, DA = 80%

   Basic Salary <= 20000 : HRA = 25%, DA = 90%

   Basic Salary > 20000 : HRA = 30%, DA = 95%

5. Write a program to find the entered number is divisible by 3 and 5 or not using ?:

6. Write a program to check entered number is Automorphic Number or not.

7. Write a program to calculate the HCF(GCD) of two numbers.

8. Write a program to check entered number is Condense Number or not.

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       * * * * * *
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   * * * * * * * * * *
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     A
    B C D
   E F G H I
```

9. Write a program in Java to find the sum of the given series: $S = 1! + 2! + 3! + …. + n!$

10. Write a menu driven program to perform prime check, reverse, Armstrong, Palindrome using switch case.

11. Write a program to perform search operation in an array.