

Assignment No:

Subject: Java Programming

Date: xx / xx / xxxx

Marks:

Time: xx : xx

1. Explain what is platform dependency and what is platform independency.
2. Explain how data entered using command line arguments with example.
3. Explain Unary operators in java with example.
4. Write a C program to input marks of five subjects Physics, Chemistry, Biology, Mathematics and Computer. Calculate percentage and grade according to following:
Percentage \geq 90% : Grade A
Percentage \geq 80% : Grade B
Percentage \geq 70% : Grade C
Percentage \geq 60% : Grade D
Percentage \geq 40% : Grade E
Percentage $<$ 40% : Grade F
5. Write a program to enter the runs scored by a player in three matches and display highest runs scored using ?: operator.
6. Write a program to check entered number is Abundant Number or not.
7. Write a program to calculate the factorial of entered number
8. Write a program to print following Patterns.

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

```
  A
ABA
ABCBA
ABCD CBA
ABCDEDCBA
```

9. Write a program to print Fibonacci series given ahead. 0 1 1 2 3 5 8 13 21 34
10. Write a menu driven program to perform different arithmetic operations (Using switch)
11. Write a program to sort an array in descending order.