

Practical Assignment – 1**(Submission Date : 29-11-2022)**

1. Take your full name at run time using **command line arguments** and display on screen using Java program.
2. Find and display middle value from given three numbers by using **if...else** statements.
3. Write a java program to display result according to given marks by using **if...else if** statement.

If marks > 70 display 'Distinction'

If marks > 60 display 'First class'

If marks > 50 display 'Second class'

If marks > 35 display 'pass class'

Otherwise display 'Fail'.

4. Write a java program to print following pattern using **while loops** only.

```

1
2 4
3 6 9
4 8 12 16
5 10 15 20 25

```

5. Write a java program to print following pattern using **for loops** only.

```

12344321
123**321
12****21
1*****1

```

6. Display factorial of given number using **do...while loop** in java program.
7. Use **switch case** statement in Java program for printing week name for the given number.
8. Write a java program to print following pattern.

```

      1
    2 3 2
  3 4 5 4 3
4 5 6 7 6 5 4
5 6 7 8 9 8 7 6 5

```

9. Write a java program to print following pattern.

```

A
A B A
A B C B A
A B C D C B A
A B C D E D C B A

```

10. Write a java program to print Pascal's triangle as shown below.

```

      1
    1 1
  1 2 1
1 3 3 1
1 4 6 4 1
1 5 10 10 5 1
1 6 15 20 15 6 1
1 7 21 35 35 21 7 1

```

11. Write a program to generate first 10 numbers of Fibonacci series.
12. Write a program to generate reverse number of given 4 digit number.