

# Object Oriented Programming Using Java

## Assignment - 1

### Java Variable and Control Statement

**Note:** No need to take user input. Supply the required data directly in the program.

1. Write a Java Program to display "This is my first Java Program".
2. Write a Java Program to perform different arithmetic operations between two numbers.
3. Write a Java Program to check if a number is divisible by 5.
4. Write a Java Program to find the largest of three numbers.
5. Write a Java Program to display the day of the week (Sunday, Monday etc.) based on the day number. (Use Switch Case)
6. Write a Java Program to count the number of digits in a given number.
7. Write a Java Program to reverse a given number.
8. Write a Java Program to display a multiplication table of any number.
9. Write a Java Program to find the sum of the following series –

$$1 + \frac{1}{2} + \frac{1}{3} + \dots + \frac{1}{n}$$

10. Display the following Pattern for n number of lines.

```
1
2   3
4   5   6
7   8   9   10
11  12  13  14  15
```