

MCA I SEM - JAVA LAB MANUAL

PART A

1. Develop a JAVA program to demonstrate the precedence and associativity among arithmetic operators. The program should also demonstrate how the default precedence can be overridden.

```
import java.util.Scanner;
public class OperatorPrecedence{
    public static void main(String[] args){
        int a,b,c;
        System.out.println("Enter values of a, b, c ");
        Scanner sc = new Scanner(System.in);
        a = sc.nextInt();
        b = sc.nextInt();
        c = sc.nextInt();

        int result1 = a + b * c;
        int result2 = (a + b) * c;
        int result3 = a / b * c;
        int result4 = (a * b) / c;
        int result5 = a - ++b - ++c;

        System.out.println("Result 1 is " +result1);
        System.out.println("Result 2 is " +result2);
        System.out.println("Result 3 is " +result3);
        System.out.println("Result 4 is " +result4);
        System.out.println("Result 5 is " +result5);
    }
}
```

OUTPUT:

```
Enter values of a, b, c
4 5 6
Result 1 is 34
Result 2 is 54
Result 3 is 0
Result 4 is 3
Result 5 is -9
```

Network Programming Mca Lab Manual

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