RJ-Day1 Assignment

→ What will be the result of following program?

```
class Precedence {
    public static void main(String[] args) {

      int a = 10, b = 5, c = 1, result;
      result = a-++c-++b;

      System.out.println(result);
    }
}
```

→ Complete the code snippet in following use-case

```
class IsPrime
{
    public static void main(String s[])
    {
        System.out.println(prime(37) ? "37 is prime" : "37 is not prime");


    }


    public static boolean prime(int input)
    {
        boolean result = false;
          //Write code here to assign true to the variable result, if input is prime otherwise assign false.
        return result;
    }

}
```

→ Study the code and observe how many time the inner code will be executed

```
public void sampleMethod(){
        for(int i=0;i<3;i++) {
          for(int j=0;j<2;j++) {
           int number = (int)(Math.random() * 10);
           System.out.println(number);
          }
        }
}
```

→ Write a Java program to compare two strings lexicographically. Two strings are lexicographically equal if they are the same length and contain the same characters in the same positions.

→ Write a Java program to test if a given string contains the specified sequence of char values.