S.No: 2	Exp. Name: *Sample program on java to demonstrate Control structures*	Date:2023-09-23

Aim:

write a java program that uses if-else control statement and print the result

Source Code:

Control.java

```java
import java.util.Scanner;
class Control
{
    public static void main(String args[])
    {
        int x,y,sum;
        Scanner sc = new Scanner(System.in);
        System.out.print("Enter first num : ");
        x=sc.nextInt();
        System.out.print("Enter second num : ");
        y=sc.nextInt();
        sum=x+y;
        if(sum==20)
                System.out.println("x + y is equal to 20");
        else if(sum<20)
                System.out.println("x + y is less than 20");
        else
                System.out.println("x + y is greater than 20");
    }
}
```

Execution Results - All test cases have succeeded!

Test Case - 1
User Output
Enter first num : 13
Enter second num : 5
x + y is less than 20

Test Case - 2
User Output
Enter first num : 24
Enter second num : 10
x + y is greater than 20