

CONDITIONAL STATEMENTS (if-else)

Programs:

1. Write a Java program to print whether it is positive or negative.
2. Write a Java program to print whether the given year is leap year or not.(eg., 2020, 2019, 2000)
3. Write a Java program to print the greatest among four integers using variables (a, b, c, d)
4. Choose the correct output for the below program:

```
package org.condition;
```

```
public class Hello {  
    public static void main(String[] args) {  
        int i=5;  
        if (i == 5) {  
            break;  
        }  
        System.out.print(i);  
    }  
}
```

- a) 5 b) 0 c) Compilation error

5. Guess the output for the following program:

```
public class Hello {  
    public static void main(String[] args) {  
        int i=5;  
        if (i == 5) {  
            continue;  
        }  
        System.out.println(i);  
    }  
}
```

Theory:

1. What are conditional statements used for in Java?
2. How many types of conditional statements are there in Java?