



**10 questions that cover logical operators as well as increment and decrement operators in programming.**

10 questions that cover logical operators as well as increment and decrement operators in programming. These questions can help you test your understanding of these concepts.

**Questions on Logical Operators**

1. What is the result of the expression `true && false`?
  - A) true
  - B) false
  - C) null
  - D) undefined
2. Given the variables `a = 5` and `b = 10`, what will be the result of the expression `!(a < b) || (a == 5)`?
  - A) true
  - B) false
  - C) null
  - D) undefined
3. What does the logical operator `||` represent?
  - A) AND
  - B) OR
  - C) NOT
  - D) XOR
4. If `x` is 0, what will be the output of the expression `!(x > 0) && (x <= 0)`?
  - A) true
  - B) false
  - C) null

- D) undefined

5. What will be the result of the following expression: (true || false) && (false || true)?

- A) true

- B) false

- C) null

- D) undefined

### **Questions on Increment and Decrement Operators**

6. What is the value of x after executing the following code?

```
int x = 5;
```

```
x++;
```

- A) 4

- B) 5

- C) 6

- D) 7

7. What is the output of the following code snippet?

```
int y = 10;
```

```
System.out.println(++y);
```

- A) 9

- B) 10

- C) 11

- D) 12

8. Given int z = 3;, what will be the value of z-- after this line of code executes?

- A) 2

- B) 3

- C) 4

- D) 0

9. What will be printed by this code?

```
int a = 5;
```

```
System.out.println(a++ + ++a);
```

- A) 10
- B) 11
- C) 12
- D) 13

10. What is the final value of count after executing the following code?

```
int count = 0;  
count += ++count;  
count += count++;
```

- A) 0
- B) 1
- C) 2
- D) 3

## | Answers

1. B) false
2. A) true
3. B) OR
4. A) true
5. A) true
6. C) 6
7. C) 11
8. A) 2
9. B) 11
10. C) 2

Feel free to ask if you need further explanations or additional questions!