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B-4, Block-B, Sector-3, Noida

Logical Operator Questions by Shambhu Sir



@javac_java

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Q1

```
boolean a=true;  
boolean b=false;  
boolean c=true;  
boolean result=(a && b) || (b && c);  
System.out.println(result);
```

Logical Operator based Programming

Q2

Solve and answer:-

```
int x=5;
```

```
int y=10;
```

```
boolean result=(++x > 5) && (--y < 10);
```

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

```
System.out.println(x);
```

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

Logical Operator based Programming

Q3

Solve and answer:-

```
int x=5;
```

```
int y=10;
```

```
boolean result=(x++ > 5) && (--y < 10);
```

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

```
System.out.println(x);
```

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

Logical Operator based Programming

Q4

Solve and answer:-

```
boolean a=true;
```

```
boolean b=false;
```

```
boolean c=true;
```

```
boolean result=(a || b) && (b || c);
```

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

Logical Operator based Programming

Q5

Solve and answer:-

```
int a=20;
```

```
int b=30;
```

```
System.out.println(a++>15 && b++>20);
```

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

```
System.out.println(b);
```

Logical Operator based Programming

Q6

Solve and answer:-

```
int a=20;
```

```
int b=30;
```

```
System.out.println(a++>25 && b++>20);
```

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

```
System.out.println(b);
```

Logical Operator based Programming

Q7

Solve and answer:-

```
int a=20;
```

```
int b=30;
```

```
System.out.println(a++>25 || b++>20);
```

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

```
System.out.println(b);
```

Logical Operator based Programming

Q8

Solve and answer:-

```
int a=20;
```

```
int b=30;
```

```
System.out.println(a++>15 || b++>20);
```

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

```
System.out.println(b);
```


Logical Operator based Programming

Q9

For a given year print true if it is a leap year or print false if it is not a leap year.

<https://www.hackerrank.com/challenges/write-a-function/problem>