

QSpiders | JSpiders | PySpiders, NOIDA

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

Conditional Operator Programming Questions by

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**Q1**

**WAP to check and print the given number is an even number or not.**

## Conditional Operator based Programming

### Q2

**WAP to check and print the given +ve number is a three digit number or not.**

## Conditional Operator based Programming

### Q3

**WAP to check and print the given number is divisible by both 3 and 5 or only by 3, only by 5 or None.**

## Conditional Operator based Programming

### Q4

For given numbers x and y. check whether y is a factor of x or not.

Input: x=12, y=4

Output: x is a factor of y

Input: x=28, y=5

Output: x is not a factor of y

## Conditional Operator based Programming

Q5

WAP to check whether the three sides of a triangle is valid or not.

**Important  
Don't leave it..!!**

## Logical Operator based Programming

### Q6

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>

## Conditional Operator based Programming

Q7

WAP to check whether the given character is an upper case alphabet or not.

## Conditional Operator based Programming

**Q8**

**WAP to check whether the given character is a lower case alphabet or not.**



## Conditional Operator based Programming

Q9

WAP to check whether the given character is an alphabet or not.

**Important  
Don't leave it..!!**

## Conditional Operator based Programming

### Q10

Given a character, check if it's uppercase, lowercase, digit or special character.

# Conditional Operator based Programming

## Q11

WAP to print the bigger of two numbers.

**Important  
Don't leave it...!!**

## Conditional Operator based Programming

### Q12

WAP to print the smaller of two numbers.

**Important  
Don't leave it...!!**

## Conditional Operator based Programming

### Q13

WAP to print the biggest of three numbers.

**Important  
Don't leave it...!!**

## Conditional Operator based Programming

### Q14

WAP to print the smallest of three numbers.

**Important  
Don't leave it...!!**

## Conditional Operator based Programming

### Q15

print second largest of three distinct numbers using ternary operator only.

**Very Important  
Don't leave it...!!**

## Conditional Operator based Programming

### Q16

Given three numbers, print them in sorted order (ascending)

```
int a = 9, b = 2, c = 7;
```

```
// Output: 2 7 9
```



## Conditional Operator based Programming

### Q17

WAJP to print the biggest of four numbers.

## Conditional Operator based Programming

### Q18

**WAJP to print the smallest of four numbers.**

## Conditional Operator based Programming

### Q19

**Test the Rank of a student**

```
int marks = 72;
```

**Output: "Distinction" ( $\geq 75$ ), "First Class" ( $\geq 60$ ), "Second Class" ( $\geq 50$ ), "Pass" ( $\geq 35$ ), or "Fail"**

## Conditional Operator based Programming

### Q20 Only For Java/JavaScript Students

What is the output of the program:

```
int a = 5, b = 10;
```

```
int c = (a > b) ? a++ : b++;
```

```
System.out.println(a + " " + b + " " + c);
```

a) 5 11 5

b) 6 10 6

c) 5 11 10

d) 6 11 10

## Conditional Operator based Programming

### Q21 Only For Java/JavaScript Students

What is the output of the program:

```
int a = 3, b = 4, c = 5;
```

```
int result = (a > b) ? (a > c ? a : c) : (b > c ? b : c);
```

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

a) 3                  b) 4                  c) 5                  d) 6

## Conditional Operator based Programming

### Q22 Only For Java/JavaScript Students

What is the output of the program:

```
int x = 10;
```

```
int y = 5;
```

```
int z = (x > y) ? (x < 15 ? x : y) : (x > 5 ? y : x);
```

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

a) 10

b) 5

c) 15

d) none

## Conditional Operator based Programming

### Q23 Only For Java/JavaScript Students

What is the output of the below program?

```
int x = 10;
```

```
int y = 5;
```

```
int z = 7;
```

```
int result = (x < y) ? (y < z ? z : y) : x;
```

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

a) 10

b) 5

c) 7

d) Compilation error

## Conditional Operator based Programming

### **Q24** Only For Java/JavaScript Students

What is the output of the below program?

```
int a = 1, b = 2, c = 3;
```

```
int result = a < b ? a < c ? c : a : b;
```

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

a) 1      b) 2      c) 3      d) Compile Time Error



## Conditional Operator based Programming

**Q25**

**Only For Java/JavaScript Students**

What is the output of the below program?

```
int a = 5;
```

```
int b = 10;
```

```
int c=(a>b) ? b++ : (a<b ? --b : b) ;
```

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

a) 5

b) 6

c) 10

d) 9

## Conditional Operator based Programming

**Q26**

**Only For Java/JavaScript Students**

What is the output of the below program?

```
int val=10;
```

```
int result=(value>5) ? (value<8?1:2) : 3;
```

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

a) 1

b) 2

c) 3

d) Compilation error

## Conditional Operator based Programming

**Q27**

**Only For Java/JavaScript Students**

What is the output of the below program?

```
int x=5, y=7, z=3;
```

```
int result=(x>y) ? (x>z? x:z) : (y>z ? y:z);
```

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

a) 5

b) 7

c) 3

d) Compilation error

**Important  
Don't leave it..!!**

## Conditional Operator based Programming

### Q28 Only For Java/JavaScript Students

What is the output of the below program?

```
int x=5, y=7, z=3;
```

```
int result=(x<y) ? (x<z? x:z) : (y<z ? y:z);
```

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

- a) 5
- b) 7
- c) 3
- d) Compilation error

**Important  
Don't leave it..!!**