

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

Conditional Operator Programming Questions by

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@javac_java

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Q1

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

Q2

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

Q3

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

Q4

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

Q5

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

Q6

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

Q7

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

Q8

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

Q9

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

Q10

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

Conditional Operator based Programming

Q11

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

Conditional Operator based Programming

Q12

WAJP 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

Q13

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

Conditional Operator based Programming

Q14

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

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

Logical Operator based Programming

Q15

**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

Q16

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

Conditional Operator based Programming

Q17

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

Conditional Operator based Programming

Q18

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

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

Conditional Operator based Programming

Q19

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

Conditional Operator based Programming

Q20

WAJP to print the bigger of two numbers.

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

Conditional Operator based Programming

Q21

WAJP to print the smaller of two numbers.

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

Conditional Operator based Programming

Q22

WAJP to print the biggest of three numbers.

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

Conditional Operator based Programming

Q23

WAJP to print the smallest of three numbers.

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

Conditional Operator based Programming

Q24

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

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

// Output: 2 7 9

Conditional Operator based Programming

Q25

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

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

Conditional Operator based Programming

Q26

WAJP to print the biggest of four numbers.

Conditional Operator based Programming

Q27

WAJP to print the smallest of four numbers.

Conditional Operator based Programming

Q28

Test the Rank of a student

```
int marks = 72;
```

Output: "Distinction" ($>=75$), "First Class" ($>=60$), "Second Class" ($>=50$), "Pass" ($>=35$), or "Fail"