

Shraddhesh-08

Detail Notes

CONDITIONAL OPERATOR



CONDITIONAL OPERATOR

The Conditional Operator is a “if–else” shortcut.

- It checks a condition and assigns a value based on whether the condition is true or false.

Operator	Meaning
?	Ternary operator
:	Colon operator /option operator

Syntax

```
datatype variablename = exp1 ? exp2 : exp3;
```

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Example

```
public class Demo{  
    public static void main(String x [])  
    {  
        int a = 10, b = 20;  
  
        // if a > b is true, assign a; otherwise assign b  
        int max = (a > b) ? a : b;  
  
        System.out.println("Maximum: " + max);  
    }  
}
```

- $(a > b) \rightarrow$ the condition
- $? \rightarrow$ "if true"
- $: \rightarrow$ "otherwise"

Output:

```
D:\SHRADDHESH-08>javac Demo.java  
  
D:\SHRADDHESH-08>java Demo  
Maximum: 20
```