

JAVA PROGRAMS

Java Ternary operator programs

⊕ [Java Basic Programs](#)

⊕ [Java If Else Programs](#)

⊕ [Java Loop Programs](#)

⊕ [Java Method Programs](#)

☐ [Java Ternary operator programs](#)

📁 [Even odd program in java using ternary operator](#)

📁 [Java program to check for positive or negative integer](#)

📁 [Largest of three numbers using ternary operator in java](#)

⊕ [Java Array Programs](#)

⊕ [Java String Programs](#)

⊕ [Java Calculator Program](#)

⊕ [Java Menu Driven Program](#)

⊕ [Java Date Programs](#)

⊕ [Java Exception Handling Programs](#)

⊕ [Java Collection Traverse Programs](#)

⊕ [Java Collections class programs](#)

⊕ [Java Map Programs](#)

⊕ [Java Default Value Programs](#)

⊕ [Java File Handling Programs](#)

⊕ [Java 8 Lambda Programs](#)

👍 [Related Content](#)

✓ [Java Tutorial](#)

✓ [Java Aptitude](#)

✓ [Spring Framework Tutorial](#)

✓ [Java Interview Questions](#)

✓ [Spring Aptitude](#)

✓ [Java Online Test](#)

✓ [Spring Online Test](#)

✓ [Spring MVC Tutorial](#)

✓ [Java 8 OCAJP 1Z0-808 Mock](#)

[Exam](#)

✓ [JSP MCQ Aptitudes](#)

[PREVIOUS PAGE](#)

[NEXT PAG](#)

Largest of three numbers using ternary operator in java

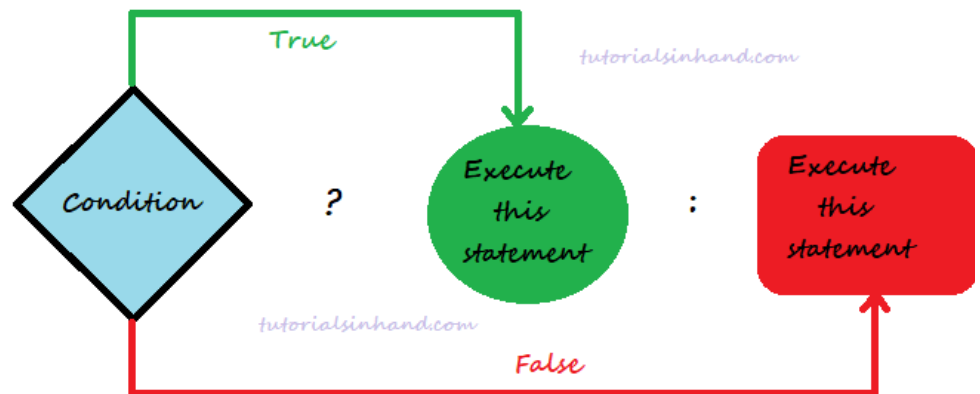
In this [java programs guide](#), we will learn:

- [java program using ternary operator to find maximum of three numbers](#)

To learn [java program to find maximum of three numbers using if else](#) visit the link

Largest of three numbers using ternary operator in java

We will write our [java program using ternary operator to find maximum of three numbers](#).



Ternary operator in java

Given below is program to find [largest of three numbers using ternary operator in java](#):

```
package tihTernaryOperatorProgram;

import java.util.Scanner;

public class LargestOf3Numbers {
```

```

Scanner scan = new Scanner(System.in);

System.out.println("Enter first number");
int n1 = scan.nextInt();

System.out.println("Enter second number");
int n2 = scan.nextInt();

System.out.println("Enter third number");
int n3 = scan.nextInt();

scan.close();

//ternary operator to find max of three numbers in java
int greatNumber = n1>n2 ? (n1>n3 ? n1:n3) : (n2>n3 ? n2: n3);

System.out.println("Greatest of 3 numbers is: "+ greatNumber);

}

}

```

OUTPUT

```

Enter first number
22
Enter second number
11
Enter third number
93
Greatest of 3 numbers is: 93

```

How above ternary operator calculation works?

From above example $n1=22$, $n2=11$, $n3=93$

Firstly, **$n1>n2$** is checked i.e. $22>11$,

- if **true** then (**$n1>n3 ? n1:n3$**) statement after **?** is executed. Here **$22>11$** so this statement is executed.
- if **false** then ($n2>n3 ? n2: n3$) statement after **:** is executed.

Secondly, (**$n1>n3 ? n1:n3$**) is considered from above conclusion:

- Now **$n1>n3$** is checked i.e. $22>93$. It is **false**, so $n3$ is returned as output by ternary operator. Thus we get **93** as greatest integer.

Now you can provide input in different order and try to solve the problem using above logic to better understand the concept.

Please Share this

Like/Subscribe us for latest updates or newsletter



[Home](#) | [Tutorials](#) | [Articles](#) | [Online Exams](#) | [Aptitude](#) | [Java](#) | [C Language](#) | [Software Engineering](#) | [Web Terminology](#) | [SPFx Tutorial](#) | [Wri](#)
[Policies](#)

© tutorialsinhand.com. 2017-2020 All rights reserved.