

1. Program to find the maximum of 2 number

<pre>1 2 import java.util.Scanner.*; 3 class Main { 4 5 public static void main(String[] args) { 6 7 int num1 = 10; 8 int num2 = 20; 9 10 // Compare the numbers using if-else 11 if (num1 > num2) { 12 System.out.println("The maximum number is: " + num1); 13 } 14 else if (num2 > num1) { 15 System.out.println("The maximum number is: " + num2); 16 } 17 else { 18 System.out.println("Both numbers are equal."); 19 } 20 } 21 } 22</pre>	<pre>The maximum number is: 20 === Code Execution Successful ===</pre>
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2. Program to check positive or negative number

<div>Main.java</div> <pre>1 2 import java.util.Scanner; 3 class Main { 4 5 public static void main(String[] args) { 6 Scanner scanner = new Scanner(System.in); 7 8 System.out.print("Enter a number: "); 9 int number = scanner.nextInt(); 10 if (number > 0) { 11 System.out.println("The number is positive."); 12 } 13 else 14 { 15 System.out.println("The number is negative."); 16 } 17 } 18 } 19 20</pre>	<div>Output</div> <pre>Enter a number: 10 The number is positive. === Code Execution Successful ===</pre>
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Main.java	Run	Output
<pre>1 2 import java.util.Scanner; 3 class Main { 4 5 public static void main(String[] args) { 6 Scanner scanner = new Scanner(System.in); 7 8 System.out.print("Enter a number: "); 9 int number = scanner.nextInt(); 10 if (number > 0) { 11 System.out.println("The number is positive."); 12 } 13 else 14 { 15 System.out.println("The number is negative."); 16 } 17 } 18 } 19 20</pre>		<pre>Enter a number: -6 The number is negative. === Code Execution Successful ===</pre>

Program to find largest in 3 numbers

<pre>1 2 import java.util.Scanner; 3 class Main { 4 5 public static void main(String[] args) { 6 int a = 6; 7 int b = 10; 8 int c = 15; 9 int largest = (a > b && a > c) ? 1 : 10 (b > a && b > c) ? 2 : 11 (c > a && c > b) ? 3 : 0; 12 switch (largest) { 13 case 1: 14 System.out.println("The largest number is a: " + a); 15 break; 16 case 2: 17 System.out.println("The largest number is b: " + b); 18 break; 19 case 3: 20 System.out.println("The largest number is c: " + c); 21 break; 22 default: 23 System.out.println("All numbers are equal."); 24 } 25 } 26 } 27</pre>	<pre>^ The largest number is c: 15 === Code Execution Successful ===</pre>

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1
2 import java.util.Scanner;
3 class Main {
4
5     public static void main(String[] args) {
6         int a = 6;
7         int b = 6;
8         int c = 6;
9         int largest = (a > b && a > c) ? 1 :
10        (b > a && b > c) ? 2 :
11        (c > a && c > b) ? 3 : 0;
12        switch (largest) {
13            case 1:
14                System.out.println("The largest number is a: " + a);
15                break;
16            case 2:
17                System.out.println("The largest number is b: " + b);
18                break;
19            case 3:
20                System.out.println("The largest number is c: " + c);
21                break;
22            default:
23                System.out.println("All numbers are equal.");
24        }
25    }
26 }
```

All numbers are equal.

=== Code Execution Successful ===