

# Java Programming Language

**JOB NO : 2**

**JOB NAME:** Convert Fahrenheit to Celsius and Celsius to Fahrenheit.  
Find the maximum number from 3 numbers.

## Fahrenheit to Celsius

```
import java.util.Scanner;

public class FahrenheitToCelsius {
    public static void main(String[] args) {
        // Create a Scanner obj for scan user input.
        Scanner scanner = new Scanner(System.in);
        // say user for input temperature in fahrenheit.
        System.out.print("Enter temperature in fahrenheit : ");
        // Get input the value in Fahrenheit.
        float fahrenheit = scanner.nextFloat();
        // Close the scanner obj
        scanner.close();
        // convert Fahrenheit to Celsius.
        float celsius = ((fahrenheit - 32) * 5)/9;
        // print the result in console
        System.out.println(fahrenheit + " fahrenheit = " + celsius + " celsius");
    }
}
```

### OUTPUT:

Enter temperature in fahrenheit : 98.6  
98.6 fahrenheit = 37.0 celsius

## Celsius to Fahrenheit

```
import java.util.Scanner;

public class CelsiusToFahrenheit {
    public static void main(String[] args) {
        // Create a Scanner obj for scan user input.
        Scanner scanner = new Scanner(System.in);
        // say user for input temperature in Celsius.
        System.out.print("Enter temperature in Celsius : ");
        // Get input the value in Celsius.
        float celsius = scanner.nextFloat();
        // Close the scanner obj
        scanner.close();
        // convert Celsius to Celsius.
        float fahrenheit = celsius * 1.8f + 32;
        // print the result in console
        System.out.println(celsius + " Celsius = " + fahrenheit + " Fahrenheit");
    }
}
```

### OUTPUT:

Enter temperature in Celsius : 37

37.0 Celsious = 98.6 Fahrenheit

## Find the maximum number from 3 numbers

```
import java.util.Scanner;

public class MaxInThreeNumber {
    public static void main(String[] args) {
        // Create a Scanner obj for scan user input.
        Scanner scanner = new Scanner(System.in);
        // say user for input three number one by one.
        System.out.println("Enter three number one by one: ");
        // Get input the value in Celsious.
        float x = scanner.nextFloat();
        float y = scanner.nextFloat();
        float z = scanner.nextFloat();
        // Close the scanner obj
        scanner.close();
        float max;
        if (x > y && x > z) max = x;
        else if (y > x && y > z) max = y;
        else max = z;
        // print the result in console
        System.out.println("Max number is : " + max);
    }
}
```

### OUTPUT:

Enter three number one by one:

100

200

150

Max number is : 200.0