

S.No: 3	Exp. Name: <b>Write a C program to convert the given temperature from Celsius to Fahrenheit</b>	Date:2023-01-03
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### **Aim:**

Write a program to convert the given temperature from `celsius(C)` to `fahrenheit(F)`.

During execution, the program should print the following message on the console:

C:

For example, if the user gives the **input** as `1.23`:

C: 1.23

Then the program should **print** the result as:

F= 34.214001

**Note:** Use the `printf()` function with a **newline** character (`\n`) at the end.

The formula to find **fahrenheit** is `fahrenheit = celsius * (9.0 / 5.0) + 32.0`.

### **Source Code:**

Program305.c

```
#include<stdio.h>
void main()
{
    float C,F;
    printf("enter C : ");
    scanf("%f",&C);
    F=((C*9.0)/5.0)+32.0;
    printf("F = %f\n",F);
}
```

Execution Results - All test cases have succeeded!

Test Case - 1
User Output
C: 0
F= 32.000000

Test Case - 2
User Output
C: 32
F= 89.599998