

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

```
//convert given temperature from celsius to fahrenheit//
#include<stdio.h>
int main()
{
    float f,c;
    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