S.No: 3	Exp. Name: *Write a C program to convert the given temperature from Celsius to Fahrenheit*	Date:2022-12-31

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

```c
#include<stdio.h>

void main()

{

    float f,C;
    printf("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