

S.No: 2	Exp. Name: <b>Write a C program to convert the temperature from Fahrenheit to Celsius</b>	Date:2022-12-29
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### Aim:

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

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

Enter F :

For example, if the user gives the following as **input**:

Enter F : 32.45

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

C = 0.250000

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

`celsius = (5 / 9) * (fahrenheit - 32)`

### Source Code:

Program306.c

```
#include<stdio.h>
int main()
{
    float fahrenheit,celsius;
    printf("Enter F : ");
    scanf("%f",&fahrenheit);
    celsius = (fahrenheit-32) * 5 / 9;
    printf("C = %f\n",celsius);
}
```

Execution Results - All test cases have succeeded!

Test Case - 1
User Output
Enter F : 80.779
C = 27.099443