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| S.No: 2 | Exp. Name: <b>Write a C program to convert the temperature from Fahrenheit to Celsius</b> | Date:2022-12-28 |
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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 F,C;
    printf("Enter F : ");
    scanf("%f",&F);
    C=(F-32)/1.8;
    printf("C = %f\n",C);
}
```

Execution Results - All test cases have succeeded!

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