

# C Programming Assignment 1

darsh mistry

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## 1 Fahrenheit to Celsius.

```
#include <stdio.h>

int main() {
    float fahrenheit, celsius;

    printf("Enter temperature in Fahrenheit: ");
    scanf("%f", &fahrenheit);

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

    printf("Temperature in Celsius = %.2f\n", celsius);

    return 0;
}
```



The screenshot displays a C program in a code editor on the left and its execution output on the right. The code is a simple Fahrenheit to Celsius converter. The output shows the program running successfully, with the input '69' for Fahrenheit and the calculated output '20.56' for Celsius.

```
1 #include <stdio.h>
2
3 int main() {
4     float fahrenheit, celsius;
5
6     printf("Enter temperature in Fahrenheit: ");
7     scanf("%f", &fahrenheit);
8
9     celsius = (fahrenheit - 32) * 5/9;
10
11     printf("Temperature in Celsius = %.2f\n", celsius);
12
13     return 0;
14 }
15
```

Enter temperature in Fahrenheit: 69  
Temperature in Celsius = 20.56  
=== Code Execution Successful ===

Figure 1: solution15