

# C Programming Assignment 1

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## 1 Convert grams into kg.

```
#include <stdio.h>

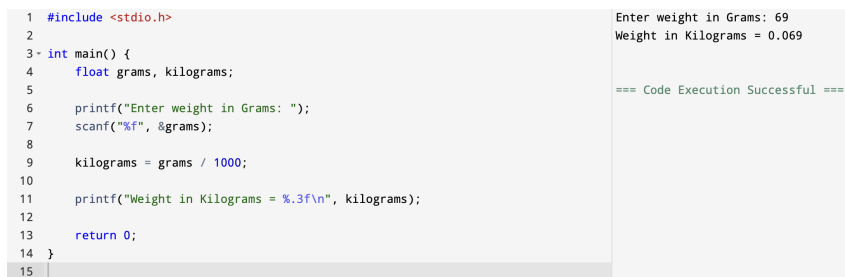
int main() {
    float grams, kilograms;

    printf("Enter weight in Grams: ");
    scanf("%f", &grams);

    kilograms = grams / 1000;

    printf("Weight in Kilograms = %.3f\n", kilograms);

    return 0;
}
```



The screenshot displays a code editor on the left and a terminal window on the right. The code in the editor is a C program that prompts the user to enter a weight in grams, reads the input, and prints the equivalent weight in kilograms with three decimal places. The terminal shows the program being executed with an input of 69, resulting in an output of 0.069 kilograms. A success message is also visible in the terminal.

```
1 #include <stdio.h>
2
3 int main() {
4     float grams, kilograms;
5
6     printf("Enter weight in Grams: ");
7     scanf("%f", &grams);
8
9     kilograms = grams / 1000;
10
11     printf("Weight in Kilograms = %.3f\n", kilograms);
12
13     return 0;
14 }
15
```

Enter weight in Grams: 69  
Weight in Kilograms = 0.069

=== Code Execution Successful ===

Figure 1: solution 11