

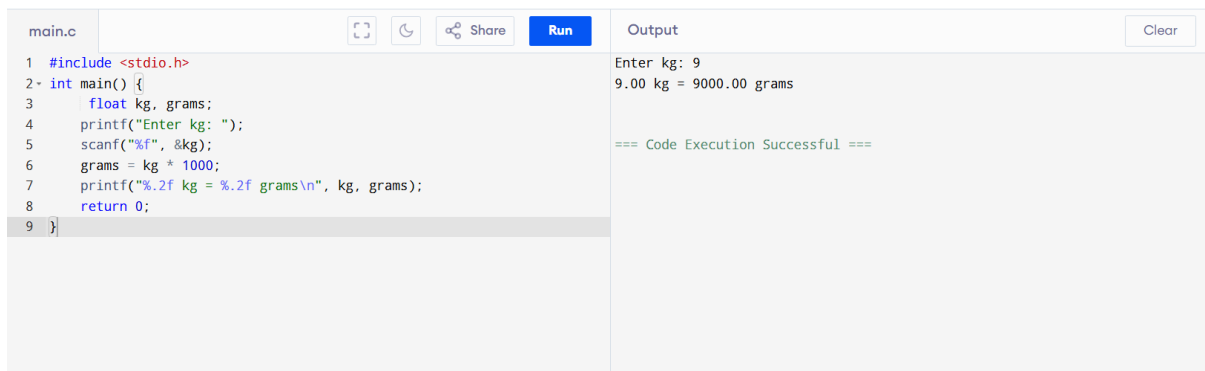
c programming assignment 1

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1 12. Convert kg into grams.

```
#include <stdio.h>
int main() {
    float kg, grams;
    printf("Enter kg: ");
    scanf("%f", &kg);
    grams = kg * 1000;
    printf("%.2f kg = %.2f grams\n", kg, grams);
    return 0;
}
```



The screenshot shows a code editor with a file named 'main.c'. The code is a C program that prompts the user to enter a value in kilograms, reads it, and then prints the equivalent value in grams. The code is as follows:

```
1 #include <stdio.h>
2 int main() {
3     float kg, grams;
4     printf("Enter kg: ");
5     scanf("%f", &kg);
6     grams = kg * 1000;
7     printf("%.2f kg = %.2f grams\n", kg, grams);
8     return 0;
9 }
```

Below the code editor, there is a 'Run' button and a 'Share' button. To the right of the code editor is an 'Output' window. The output shows the program's execution: 'Enter kg: 9' followed by '9.00 kg = 9000.00 grams'. Below the output, it says '=== Code Execution Successful ==='. There is also a 'Clear' button next to the output window.

Figure 1: program 12