

# C Programming Assignment 1

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## 1 Convert kg into grams.

```
#include <stdio.h>

int main() {
    float kilograms, grams;

    printf("Enter weight in Kilograms: ");
    scanf("%f", &kilograms);

    grams = kilograms * 1000;

    printf("Weight in Grams = %.2f\n", grams);

    return 0;
}
```

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|---|--|
| <pre>1 #include &lt;stdio.h&gt; 2 3 int main() { 4     float kilograms, grams; 5 6     printf("Enter weight in Kilograms: "); 7     scanf("%f", &amp;kilograms); 8 9     grams = kilograms * 1000; 10 11     printf("Weight in Grams = %.2f\n", grams); 12 13     return 0; 14 } 15</pre> | <pre>Enter weight in Kilograms: 69 Weight in Grams = 69000.00  === Code Execution Successful ===</pre> |
|---|--|

Figure 1: solution12