

# C Programming Assignment 1

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## 1 Convert dollars into pounds

```
#include <stdio.h>

int main() {
    float dollars, rupees, pounds;

    printf("Enter amount in Dollars: ");
    scanf("%f", &dollars);

    rupees = dollars * 48;

    pounds = rupees / 70;

    printf("%.2f Dollars = %.2f Pounds\n", dollars, pounds);

    return 0;
}
```



The screenshot displays a C program in a code editor on the left and its execution output on the right. The code defines a function `main` that prompts the user for an amount in dollars, converts it to rupees (using a multiplier of 48), and then to pounds (dividing by 70). The output shows the user entering 69, resulting in 69.00 dollars being converted to 47.31 pounds. A success message "=== Code Execution Successful ===" is also visible.

```
1 #include <stdio.h>
2
3 int main() {
4     float dollars, rupees, pounds;
5
6     printf("Enter amount in Dollars: ");
7     scanf("%f", &dollars);
8
9     rupees = dollars * 48;
10
11    pounds = rupees / 70;
12
13    printf("%.2f Dollars = %.2f Pounds\n", dollars, pounds);
14
15    return 0;
16 }
17
```

Enter amount in Dollars: 69  
69.00 Dollars = 47.31 Pounds  
  
=== Code Execution Successful ===

Figure 1: solution 10