

C programming Assignment 10

Aayush Shethiya

August 2025

```
#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 image shows a screenshot of a C++ IDE with a file named 'main.cpp'. The code defines a function 'main()' that prompts the user to enter an amount in dollars. It then calculates the equivalent amount in rupees (1 dollar = 40 rupees) and pounds (1 dollar = 0.75 pounds). The output window shows the user input '25' and the resulting calculations: '25.00 Dollars = 10.00 Pounds' and '25.00 Dollars = 1000.00 Rupees'.

```
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 * 40;
10
11     pounds = dollars / 0.75;
12
13     printf("%.2f Dollars = %.2f Pounds\n", dollars, pounds);
14
15     return 0;
16 }
```

Output: Enter amount in Dollars: 25
25.00 Dollars = 10.00 Pounds
25.00 Dollars = 1000.00 Rupees
=== Code Execution Successful ===

Figure 1: program 10