

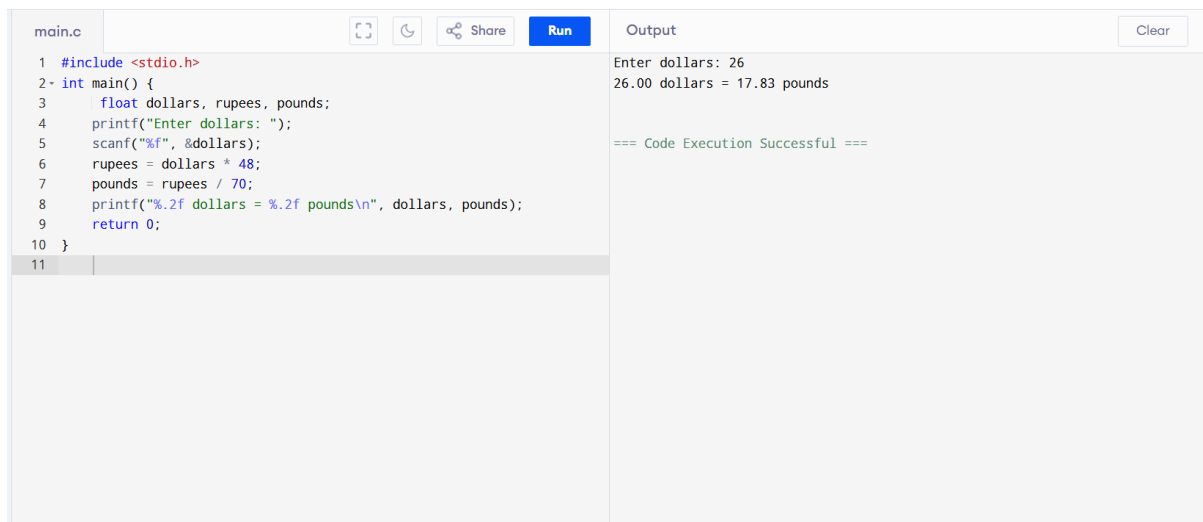
c programming assignment 1

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1 10. Convert dollars into pounds.

```
#include <stdio.h>
int main() {
    float dollars, rupees, pounds;
    printf("Enter dollars: ");
    scanf("%f", &dollars);
    rupees = dollars * 48;
    pounds = rupees / 70;
    printf("%.2f dollars = %.2f pounds\n", dollars, pounds);
    return 0;
}
```



The screenshot shows a code editor with a file named 'main.c'. The code is a C program that converts dollars to pounds. It includes the standard input/output header, defines a main function, declares three float variables (dollars, rupees, pounds), prompts the user to enter dollars, reads the input, calculates rupees (dollars * 48) and pounds (rupees / 70), and prints the result. The code is executed, and the output shows the user entering 26, resulting in 26.00 dollars = 17.83 pounds. The execution is successful.

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

Output

```
Enter dollars: 26
26.00 dollars = 17.83 pounds

=== Code Execution Successful ===
```

Figure 1: program 10