

C Programming Assignment 1

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1 Area perimeter of a rectangle.

```
#include <stdio.h>

int main() {
    float length, breadth, area, perimeter;

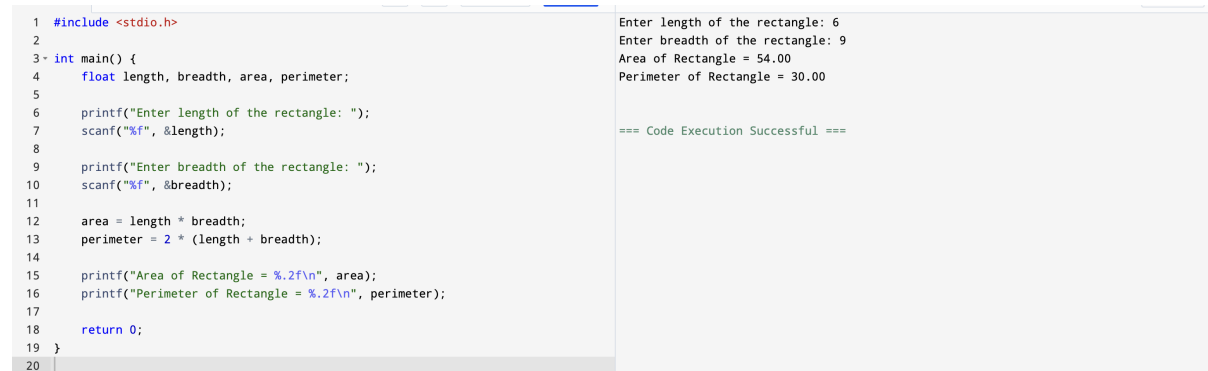
    printf("Enter length of the rectangle: ");
    scanf("%f", &length);

    printf("Enter breadth of the rectangle: ");
    scanf("%f", &breadth);

    area = length * breadth;
    perimeter = 2 * (length + breadth);

    printf("Area of Rectangle = %.2f\n", area);
    printf("Perimeter of Rectangle = %.2f\n", perimeter);

    return 0;
}
```



```
1 #include <stdio.h>
2
3 int main() {
4     float length, breadth, area, perimeter;
5
6     printf("Enter length of the rectangle: ");
7     scanf("%f", &length);
8
9     printf("Enter breadth of the rectangle: ");
10    scanf("%f", &breadth);
11
12    area = length * breadth;
13    perimeter = 2 * (length + breadth);
14
15    printf("Area of Rectangle = %.2f\n", area);
16    printf("Perimeter of Rectangle = %.2f\n", perimeter);
17
18    return 0;
19 }
20
```

Enter length of the rectangle: 6
Enter breadth of the rectangle: 9
Area of Rectangle = 54.00
Perimeter of Rectangle = 30.00

=== Code Execution Successful ===

Figure 1: solution 18