

# C programming Assignment 17

Aayush Shethiya

August 2025

```
#include <stdio.h>

int main() {
    float side, area, perimeter;

    printf("Enter side of the square: ");
    scanf("%f", &side);

    area = side * side;
    perimeter = 4 * side;

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

    return 0;
}
```

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

Enter side of the square: 25  
Area of Square = 625.00  
Perimeter of Square = 100.00  
==== Code Execution Successful ====

Figure 1: program 17