

# C Programming Assignment 1

darsh mistry

August 2025

## 1 Area and perimeter of a square.

```
#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;
}
```

<pre>1 #include &lt;stdio.h&gt; 2 3 int main() { 4     float side, area, perimeter; 5 6     printf("Enter side of the square: "); 7     scanf("%f", &amp;side); 8 9     area = side * side; 10    perimeter = 4 * side; 11 12    printf("Area of Square = %.2f\n", area); 13    printf("Perimeter of Square = %.2f\n", perimeter); 14 15    return 0; 16 } 17</pre>	<pre>Enter side of the square: 69 Area of Square = 4761.00 Perimeter of Square = 276.00  === Code Execution Successful ===</pre>
---	--

Figure 1: solution17