

**Aim:**

Write a C program to calculate the area of a square by taking the side length as input.

**Input Format:**

- A single integer input representing the side length, entered after the prompt **Side**:

**Output Format:**

- An integer output representing the area of the square, displayed as **Area of square: <area>**

**Source Code:****Area.c**

```
// write your code here...
#include<stdio.h>
int main(){
    int Side;
    printf("Side: ");
    scanf("%d", &Side);
    printf("Area of square: %d\n", Side*Side);
    return 0;
}
```

**Execution Results - All test cases have succeeded!**

**Test Case - 1****User Output**

Side: 7

Area of square: 49

**Test Case - 2****User Output**

Side: 6

Area of square: 36