

```
1  /*
2   Chamath Wijesekera
3   ME101 - Assignment 1-1
4   */
5
6   #include <iostream>
7   #include <cmath>
8   #include <cstdlib>
9
10  using namespace std;
11
12  int main()
13  {
14      cout << "Provide a Side Length : ";
15      int side_length = 0;
16      cin >> side_length;
17
18      cout << "The square of " << side_length << " is " << side_length * side_length <<
19      endl;
20      cout << "& the cube of " << side_length << " is " << side_length * side_length *
21      side_length << endl;
22
23      system("PAUSE");
24      return EXIT_SUCCESS;
25  }
26
27  /*
28   Provide a Side Length : 2
29   The square of 2 is 4
30   & the cube of 2 is 8
31   Press any key to continue . . .
32   */
```