

## Cube.h

```
1 #pragma once
2
3 namespace cs225 {
4     class Cube {
5     public:
6         Cube();
7         Cube(double length);
8         double getVolume();
9         double getSurfaceArea();
10
11     private:
12         double length_;
13     };
14 }
15
16
17
18
19
20
```

## Cube.cpp

```
1 #include "Cube.h"
2 namespace cs225 {
3     Cube::Cube() {
4         length_ = 1;
5     }
6
7     Cube::Cube(double length) {
8         length_ = length;
9     }
10
11     double Cube::getVolume() {
12         return length_ * length_ *
13             length_;
14     }
15
16     double
17     Cube::getSurfaceArea() {
18         return 6 * length_ *
19             length_;
20     }
21 }
```