

Solution Code

```
/* C++ Program to calculate Volume of Cube using constructor */  
  
#include<iostream>  
  
using namespace std;  
  
class cube{  
  
    public:  
  
    double side;  
  
    double volume(){  
        return(side*side*side);  
    }  
  
    cube(double side1){  
        cout << "\nA constructor is called" << endl;  
        side=side1;  
    }  
  
    cube(){  
        cout << "\nA default constructor is called " << endl;  
    }  
  
    ~cube(){  
        cout << "\nDestructing " << side << endl;  
    }  
  
};
```

Solution Code

```
int main()

{

    cube c1(2.34);

    cube c2;

    cout << "\nThe side of the cube is: " << c1.side << endl;

    cout << "\nThe volume of the first cube is : " << c1.volume() <<endl;

    cout << "\nEnter the length of the second cube : " ;

    cin >> c2.side;

    cout << "\nThe volume of second cube is : " << c2.volume() <<endl;

    return(0);

}
```