

Solution Code

```
/* C++ Program To calculate Volume of Box using Constructor */
```

```
#include <iostream>
```

```
using namespace std;
```

```
class box{
```

```
    double length,width,height;
```

```
    double volume;
```

```
    public:
```

```
        box(double a,double b,double c);
```

```
        void vol();
```

```
};
```

```
box::box(double a,double b,double c){
```

```
    length=a;
```

```
    width=b;
```

```
    height=c;
```

```
    volume=length*width*height;
```

```
}
```

```
void box::vol(){
```

```
    cout<<"\nDimensions of Box are :: \n";
```

```
    cout<<"\nLength of Box :: "<<length<<"\n";
```

```
    cout<<"\nWidth of Box :: "<<width<<"\n";
```

```
    cout<<"\nHeight of Box :: "<<height<<"\n";
```

```
    cout<<"\nVolume of Box :: "<<volume<<"\n";
```

```
}
```

```
int main(){
```

```
    box x(2.4,5.7,2.1),y(3.3,4.4,5.5);
```

```
    x.vol();
```

```
    y.vol();
```

```
    return 0;
```

```
}
```