

```
1  /**
2   * Created by Florentin on 10/3/2016.
3   */
4  class square {
5
6      int length, breadth;
7      public void get (int x, int y)
8      {
9          length=x;
10         breadth=y;
11     }
12     int area ()
13     {
14         return(length*breadth);
15     }
16 }
17
18 class cube extends square
19 {
20     int height;
21     public void getdata(int x,int y,int z)
22     {
23         get (x,y);
24         height=z;
25     }
26     int volume ()
27     {
28         return(length*breadth*height);
29     }
30 }
31
32 public class RunInheritance {
33     public static void main(String a[])
34     {
35         cube C=new cube ();
36         C.getdata(10,20,30);
37
38         int b1=C.area ();
39         System.out.println("Area of Square: "+b1);
40
41         int b2=C.volume ();
42         System.out.println("Volume of Cube: "+b2);
43     }
44 }
45
```