

Experiements\Ex-6\MultiInheritance.java

```
1  /*
2   * Multilevel inheritance - A class inherits properties from a class which
3   * again has inherits properties.
4   */
5  class Shape{
6      public void display() {
7          System.out.println("Inside display");
8      }
9  }
10 class Rectangle extends Shape{
11     public void area() {
12         System.out.println("Inside area");
13     }
14 }
15 class Cube extends Rectangle{
16     public void volume(){
17         System.out.println("Inside volume");
18     }
19 }
20 public class MultiInheritance{
21     public static void main(String[] args) {
22         Cube cube = new Cube();
23         cube.display();
24         cube.area();
25         cube.volume();
26     }
27 }
28 /*
29  * Output:-
30 PS C:\Users\gagan\Documents\Repository\Java> cd
   "c:\Users\gagan\Documents\Repository\Java\Experiements\Ex-6\" ; if ($?) { javac
   MultiInheritance.java } ; if ($?) { java MultiInheritance }
31 Inside display
32 Inside area
33 Inside volume
34 */
```