

```

1 package class6;
2
3 import java.util.Random;
4
5 public class MethodDemo {
6
7
8     public static void doSomething() {
9         System.out.println("Doing something.");
10    } // end doSomething
11
12    public static void stepOne() {
13        System.out.println("Step one completed!");
14        stepTwo();
15    } // end stepOne
16
17    public static void stepTwo() {
18        System.out.println("Step two completed!");
19        stepThree();
20    } // end stepTwo
21
22    public static void stepThree() {
23        System.out.println("Step three completed!");
24    } // end stepThree
25
26    public static int getRandomInteger() {
27        Random rng = new Random();
28        return rng.nextInt();
29    } // end getRandomInteger
30
31    public static void squareIt(int inc) {
32        System.out.println(inc + " squared is: " + (inc*inc));
33    } // end squareIt
34
35    public static int squareItTwo(int inc) {
36        return inc*inc;
37    } // end squareItTwo
38
39    public static void scopeExample(int youCantSeeMe) {
40
41    } // end badExample
42
43    public static void scopeExampleTwo(int youCantSeeMe) {
44        System.out.println(youCantSeeMe);
45    } // end scopeExampleTwo
46
47    public static void main(String[] args) {
48        doSomething();
49        doSomething();
50        stepOne();
51        System.out.println("A random integer: " + getRandomInteger());
52        int myRandomInt = getRandomInteger();
53        System.out.println("Another random integer is: " + myRandomInt);
54        squareIt(5);
55        int squareMe = 5;
56        System.out.println(squareMe + " squared is: " + squareItTwo(squareMe));
57        //System.out.println(youCantSeeMe); // youCantSeeMe is not in scope here!

```

MethodDemo.java

```
58     scopeExampleTwo(656724);  
59 } // end main  
60  
61 } // end MethodDemo
```