

```

1  import java.io.*;
2  import java.util.*;
3
4  public class SuperArrayDriver
5  {
6      public static void main( String[] args )
7      {
8          /*~~~~~
9          System.out.println("Testing default constructor.");
10         SuperArray sa = new SuperArray();
11
12         System.out.println("Testing empty print:");
13         System.out.println(sa);
14         System.out.println("Testing isEmpty (should be true)");
15         System.out.println(sa.isEmpty());
16
17         // -----
18         // YOUR HOMEGROWN/HOUSEMADE/ROLL-YOUR-OWN TEST METHODS HERE...
19         // -----
20
21         //precondition: newly-instantiated SuperArray of default capacity
22         System.out.println("Testing overfill (calling grow() in add)");
23         for (int i=0; i<15; i++) {
24             sa.add(i);
25         }//for i
26         System.out.println(sa);
27         System.out.println(sa.isEmpty());
28
29         System.out.println("\nTesting add at index 5, 0 and 17(end)");
30         sa.add(5, 100);
31         System.out.println(sa);
32         sa.add(0, 100);
33         System.out.println(sa);
34         sa.add(17, 100);
35         System.out.println(sa);
36
37         System.out.println("\nTesting remove at 0, 5, and 15 (end)");
38         sa.remove(0);
39         System.out.println(sa);
40
41         sa.remove(5);
42         System.out.println(sa);
43
44         sa.remove(15);
45         System.out.println(sa);
46         ~~~~~*/
47
48     }//main
49
50 }//class SuperArrayDriver
51

```