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1  /**
2   * Class Driver test the Utility class.
3   *
4   * @author (Yaw Abaaho)
5   * @version (3/29/19)
6   */
7  import java.util.*;
8  public class Driver
9  {
10     public static void main(String[] args)
11     {
12         Scanner scan = new Scanner(System.in);
13         Utility obj = new Utility();
14
15         String shape = " ";
16         boolean valid = true;
17         while(shape!="")
18         {
19             System.out.println("What kind of shape do you want to see "+
20                 "\nS: for square"+
21                 "\nSR: for right square"+
22                 "\nSL: for left square"+
23                 "\nSW: for wavy square");
24             shape = scan.next();
25             switch(shape.toUpperCase())
26             {
27                 case "S":
28                     valid = true;
29                     break;
30                 case "SR":
31                     valid = true;
32                     break;
33                 case "SL":
34                     valid = true;
35                     break;
36                 case "SW":
37                     valid = true;
38                     break;
39                 default:
40                     valid=false;
41             }
42             if(valid == true)
43             {
44                 System.out.println("Enter a number between 3 and 10");
45                 int num = scan.nextInt();
46
47                 while(num<3||num>10)
48                 {
49                     System.out.println("Enter a number between 3 and 10");
50                     num = scan.nextInt();
51                 }
52                 switch(shape.toUpperCase())
53                 {
54                     case "S":
55                         obj.square(num);
56                         System.out.println();
57                         break;
58                     case "SR":
59                         obj.squareRight(num);
60                         System.out.println();
61                         break;
62                     case "SL":
63                         obj.squareLeft(num);
64                         System.out.println();
65                         break;
66                     case "SW":
67                         obj.squareWavy(num);
68                         System.out.println();
69

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70         break;
71     default:
72     }
73 }
74 else
75 {
76     System.out.println();
77     System.out.println("Enter S, SR, SL, or, SW");
78     System.out.println("Run the program again");
79     System.out.println("You entered \" + shape +
80         "\" thank you for"+
81         " running the program");
82     shape="";
83 }
84 }
85 }
86 }
```