

```
1 /**
2  * Construct a class named Flag that produces the following pattern for any
3  * size between 1 and 10. Create a constant, SIZE to change the size desired.
4  * Sizes 3, 5 and 7 are shown below for reference:
5  *
6  *      SIZE 3:      SIZE 5:      SIZE 7:
7  *      -----
8  *      ----
9  *      --
10 *      |
11 *      |
12 *      |
13 *
14 *
15 *
16 *
17 *
18 *
19 *
20 *
21 */
22 public class Flag {
23     public static final int SIZE = 3;
24
25     public static void main(String[] args) {
26         // From lines SIZE through 1, subtracting by two
27         for(int line = 1; line <= SIZE; line++)
28         {
29             // Print out each dash, from 1 to line
30             for(int dash = 1; dash <= (SIZE*2)-(line-1)*2; dash++)
31             {
32                 System.out.print("-");
33             }
34             System.out.println();
35         }
36         for(int line = 1; line <= SIZE; line++)
37         {
38             System.out.println("|");
39         }
40     }
41 }
```