```
USER: Henry Odza [hwodza1]
TASK: skidesign
LANG: JAVA

Compiling...
Compile: OK

Executing...
    Test 1: TEST OK [0.147 secs, 23356 KB]
    Test 2: TEST OK [0.112 secs, 23612 KB]
    Test 3: TEST OK [0.182 secs, 23616 KB]
    Test 4: TEST OK [0.114 secs, 23736 KB]
    Test 5: TEST OK [0.135 secs, 23848 KB]
    Test 6: TEST OK [0.147 secs, 23760 KB]
    Test 7: TEST OK [0.170 secs, 23644 KB]
    Test 8: TEST OK [0.168 secs, 23652 KB]
    Test 9: TEST OK [0.133 secs, 23664 KB]
    Test 10: TEST OK [0.168 secs, 23780 KB]

All tests OK.

Your program ('skidesign') produced all correct answers!  This is your
submission #8 for this problem.  Congratulations!
```

## Here are the test data inputs:

```
------- test 1 [length 15 bytes] ----
5
1
4
20
21
24
------- test 2 [length 150 bytes] ----
50
50
84
22
44
38
0
46
66
22
73
25
92
5
56
13
73
48
32
42
91
```