**LUA PROBLEM SET 1**

Solve the problems below.

Quickly scan the problems and solve the easiest ones first.

Then go back and keep sweeping this list until all problems are completed.

Take a **fullscreen desktop screenshot of your submission results**. The screenshot must show that you completed the problem 100% and Lua editor. Name your .lua file as “main\_[PROBLEM SET]\_[PROBLEM NUMBER].lua”.

For example the solution to the first problem would be named: “main\_1\_1.lua”.

More questions will be added to the bottom of this list. Please check the github link often.

NOTE: you MUST set the submission language to Lua

1. <https://www.hackerrank.com/challenges/sock-merchant>
2. <https://www.hackerrank.com/challenges/counting-valleys>
3. <https://www.hackerrank.com/challenges/angry-professor/problem>
4. <https://www.hackerrank.com/challenges/strange-advertising/problem>
5. <https://www.hackerrank.com/challenges/cut-the-sticks/problem>
6. <https://www.hackerrank.com/challenges/strong-password/problem>
7. <https://www.hackerrank.com/challenges/camelcase/problem>
8. <https://www.hackerrank.com/challenges/palindrome-index/problem>
9. <https://www.hackerrank.com/challenges/find-the-median/problem>
10. <https://www.hackerrank.com/challenges/two-strings/problem>
11. <https://www.hackerrank.com/challenges/missing-numbers/problem>
12. <https://www.hackerrank.com/challenges/breaking-best-and-worst-records/problem>
13. <https://www.hackerrank.com/challenges/30-hello-world/problem>
14. <https://www.hackerrank.com/challenges/30-operators/problem>
15. <https://www.hackerrank.com/challenges/30-conditional-statements/problem>
16. <https://www.hackerrank.com/challenges/30-class-vs-instance/problem>
17. <https://www.hackerrank.com/challenges/30-loops/problem>
18. <https://www.hackerrank.com/challenges/30-review-loop/problem>
19. <https://www.hackerrank.com/challenges/30-arrays/problem>
20. <https://www.hackerrank.com/challenges/30-dictionaries-and-maps/problem>
21. <https://www.hackerrank.com/challenges/30-2d-arrays/problem>
22. <https://www.hackerrank.com/challenges/30-sorting/problem>
23. <https://www.hackerrank.com/challenges/repeated-string>