**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 Visual Studio. Name your .cpp file as “main\_[PROBLEM SET]\_[PROBLEM NUMBER].cpp”.

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

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 C (not C++) unless absolutely required by the problem (for example, OOP)

1. <https://www.hackerrank.com/challenges/hello-world-c/problem>
2. <https://www.hackerrank.com/challenges/playing-with-characters/problem>
3. <https://www.hackerrank.com/challenges/sum-numbers-c/problem>
4. <https://www.hackerrank.com/challenges/functions-in-c/problem>
5. <https://www.hackerrank.com/challenges/conditional-statements-in-c/problem>
6. <https://www.hackerrank.com/challenges/for-loop-in-c/problem>
7. <https://www.hackerrank.com/challenges/sum-of-digits-of-a-five-digit-number/problem>
8. <https://www.hackerrank.com/challenges/printing-pattern-2/problem>
9. <https://www.hackerrank.com/challenges/1d-arrays-in-c/problem>
10. <https://www.hackerrank.com/challenges/reverse-array-c/problem>
11. <https://www.hackerrank.com/challenges/students-marks-sum/problem>
12. <https://www.hackerrank.com/challenges/cpp-hello-world/problem>
13. <https://www.hackerrank.com/challenges/cpp-input-and-output/problem>
14. <https://www.hackerrank.com/challenges/c-tutorial-basic-data-types/problem>
15. <https://www.hackerrank.com/challenges/c-tutorial-conditional-if-else/problem>
16. <https://www.hackerrank.com/challenges/c-tutorial-for-loop/problem>
17. <https://www.hackerrank.com/challenges/c-tutorial-functions/problem>
18. <https://www.hackerrank.com/challenges/arrays-introduction/problem>
19. <https://www.hackerrank.com/challenges/arrays-ds/problem>
20. <https://leetcode.com/problems/jewels-and-stones/>
21. <https://leetcode.com/problems/monotonic-array/>
22. <https://leetcode.com/problems/to-lower-case/>
23. <https://leetcode.com/problems/unique-morse-code-words/>
24. <https://www.codingame.com/training/easy/mars-lander-episode-1>
25. <https://www.codingame.com/ide/puzzle/temperatures>
26. <https://www.codingame.com/ide/puzzle/the-descent>
27. <https://www.hackerrank.com/challenges/30-hello-world/problem>
28. <https://www.hackerrank.com/challenges/30-operators/problem>
29. <https://www.hackerrank.com/challenges/30-conditional-statements/problem>
30. <https://www.hackerrank.com/challenges/30-class-vs-instance/problem>
31. <https://www.hackerrank.com/challenges/30-loops/problem>
32. <https://www.hackerrank.com/challenges/30-review-loop/problem>
33. <https://www.hackerrank.com/challenges/30-arrays/problem>
34. <https://www.hackerrank.com/challenges/30-dictionaries-and-maps/problem>
35. <https://www.hackerrank.com/challenges/30-2d-arrays/problem>
36. <https://www.hackerrank.com/challenges/30-sorting/problem>
37. <https://www.hackerrank.com/challenges/repeated-string>
38. <https://www.hackerrank.com/challenges/sock-merchant>
39. <https://www.hackerrank.com/challenges/counting-valleys>
40. <https://www.hackerrank.com/challenges/angry-professor/problem>
41. <https://www.hackerrank.com/challenges/strange-advertising/problem>
42. <https://www.hackerrank.com/challenges/cut-the-sticks/problem>
43. <https://www.hackerrank.com/challenges/strong-password/problem>
44. <https://www.hackerrank.com/challenges/camelcase/problem>
45. <https://www.hackerrank.com/challenges/palindrome-index/problem>
46. <https://www.hackerrank.com/challenges/find-the-median/problem>
47. <https://www.hackerrank.com/challenges/two-strings/problem>
48. <https://www.hackerrank.com/challenges/missing-numbers/problem>
49. <https://www.hackerrank.com/challenges/breaking-best-and-worst-records/problem>
50. <https://www.hackerrank.com/challenges/pointer-in-c/problem>
51. <https://www.hackerrank.com/challenges/staircase/problem>
52. <https://www.hackerrank.com/challenges/plus-minus/problem>