Homework I, Algorithms II 2024
Instructions for the Implementation Assignment

Instructions

1. Create an account on Codeforces (`https://codeforces.com/`). If you already have one you can use your existing account.

2. Join the group `EPFL Algorithms II 2024-2025 (CS-450)` here: `https://codeforces.com/group/3n0bzGpgms`

3. Once you have joined the group, you can see our contests here: `https://codeforces.com/group/3n0bzGpgms/contests`.

4. The contest `hw1_epfl_cs450_20242025` is the contest for Homework I. Enter the contest. This contest contains 2 problems. Problem A, named `Apple donation`, is a "trivial" problem for you to get familiar with Codeforces. Problem B, named `ekjfhi2u3hfoiu` corresponds to Problem 3b of Homework I.

5. You can submit your solution to these problems using any language that is available on Codeforces (this inlcludes C++, Python, Java and many others). However, note that each programming language has its advantages and disadvantages. If you coded your solution in Python and you are struggling with a `Time limit exceeded` verdict on Codeforces, try checking that your code is not performing any "hidden" computationally expensive operations, e.g. `if elem in my_list: ...` etc. If this does not resolve the issue, try selecting a PyPy compiler in the drop-down menu when submitting your code in the "Submit code" tab, e.g. select `PyPy 3.10 (7.3.15, 64bit)`.

6. Your code should be submitted by only one member of the team and must contain the full names and SCIPERs of all of your team's members as a comment in the first few lines.

7. In the written report that you will upload to Moodle, you should mention the username of the person that submitted the code.

8. The solution that we will take into account is the last submission to Problem B of this username that has the `Accepted` verdict on Codeforces. You have no obligation to make submissions for Problem A, and any submissions to Problem A will not be taken into account.

Please Note the Following!

1. The objective is simply to get the `Accepted` verdict on Codeforces. It does not matter how many solutions you will submit or when you will get it, as long as it is before the deadline.

2. There are no extra hidden testcases. This means that if your solution is accepted on Codeforces, it will count as correct. In the unlikely event that we discover an error in our testcases, we will notify everyone by an anouncement on Moodle.

3. If your code does not get the `Accepted` verdict on Codeforces you will get 0 points for Problem 3 of the homework.

4. If the code you have submitted does not contain the names and SCIPERs of your team's members, you will not get points for this problem.

If you run into any problems, you can ask on Ed or contact the TA Davide Mazzali.