CS211 Data Structures and Algorithms Lab
Autumn, 2020
Project Evaluation

Evaluation no.	**4**
Maximum marks	**10**
Due date (without penalty)	**10 November (Tuesday)**
Cut-off date (with 5% penalty)	**13 November (Friday)**
Penalty for violating naming conventions	**5%**

- In this evaluation, if your program obtains any error (except TLE, MLE) for any of the 10 inputs in the Optil, then you receive 0 marks.
- If your program receives a TLE or MLE for a particular instance, then the discontent for that instance will be calculated as (1.1 * max), where max is the maximum of discontent produced by all teams for that instance (among all valid discontent values).
- Total discontent will be calculated as the sum of all the discontent produced by your program for all the 10 test cases in Optil.
- Your mark will be (max - x)*10/(max - min), where x is the total discontent produced by the program written by your team, max and min are the maximum and minimum total discontent produced by all the teams. For example, assume that the maximum total discontent (among all teams) is 400 crores and the minimum total discontent (among all teams) is 10 crores. Then, if your team secures 100 crores of total discontent, then you receive (400 - 100)*10 / (400-10) = 7.7 marks.
- You may create an account in Optil.io and test your code before the submission.
- You may use any language accepted by Optil for this project.
- If there is only one source file, please name it with the serial number. For ex: 2.cpp. If it is a java program, please name it as Java_<serial-no>.java.
- If there are multiple source files, please go through Optil.io help on how to create a file that is ready-to-submit at Optil. In that case, you have to provide a script to generate the ready-to-submit file and a readme file describing how to use the script. Compress all these files as a zip file and name it with the serial number of your team. For example: 2.zip. In this case also, you have to name the main source file with the serial number of your team.
- There will be a penalty of 5% if the naming scheme is not followed.
- If you submit after the due date but before the cut-off date, there will be a penalty of 5% on the marks you deserve otherwise.
- Submissions done after the cut-off date will not be considered for this evaluation.
- Only one submission per team is required and it must be done through Moodle.
- Submissions through every other means will be ignored.
- Allowing other teams to copy your code or copying other team's code is a serious offense and strict action will be taken in such cases.