CSC 3100 : Data Structures and Algorithms

Programming Assignment 1

Due: 12am(midnight), Nov 1st, 2020

1 Problems

Merge Sort
Prefix Expression

- Problem Url: https://oj.polarisstudio.cn/contests/

  The problem set is: CSC3100-Fall-2020-Assignment 1

2 Submission

- Your code should submit on the OJ platform.

- You should register the website by the **any email**. But the username should be your **student ID**, Otherwise we won't calculate the score. Thanks for your cooperation.

3 Grading

- Correctness and Performance[80%]

  - How much score get on OJ's contest.
  * There are 10 test points, pass one can gain 10 points.
  * The difficulty of 10 points is from easy to hard.

- Report[20%]
  You also need to write a report to explain the following:

  - What are the possible solutions for this problem?

- How do you solve this problem?
- Why is your solution better than others? (Some test results can be included)
- How do you test your program?
- What are the possible further improvements? (Bonus)

4 Submission

- You should submit two files via blackboard. One is the java source code file which is same with your Online Judge's code named "AS1Codes_ID.java", where ID is your student number; and the other is the report named "AS1Report_ID.pdf" in PDF format, where ID is your student number.

- Please package your two files "AS1Codes_ID.java" and "AS1report_ID.pdf" in one archive file named "AS1Submission_ID", where ID is your student number.

- Please upload your submission to our online assignment drop box which has been cre-ated in our BB account under the directory of "content\\continuous assessment\Assignment 1 \Assignment 1 online submission drop box" The submission is now open until 26 Oct. 2020 when the submission is closed.