

Assignment 4



Course CS 3345 – 004/006
Course Title Data Structures & Algorithm Analysis
Term Fall 2021

Due by 12/05/2021 at 11:59PM CST

General Instructions

- Assignment is due on or before **Sunday 12/05/2021 at 11:59PM CST**
- This assignment is meant to be solved completely by individual students and not in groups.
- All problems are mandatory.
- Assignment submissions must be uploaded to the designated folder in eLearning. No manual submissions are accepted.
- Assignments **will not** be accepted late, unless eLearning has an accessibility issue and I'm informed about it. The submission URL will be disabled after the due-date, and hence no late submissions will be possible.
- Any form of dishonesty will result in a score of **0** on the entire assignment. Any students involved will, according to Departmental Policy, be referred to the Director of Community Standards & Conduct for adjudication.

Grading Policy

- Grading may or may not be based on all the problems. So do not take risks by missing any problem solution.
- 140 points for correct solutions (program, algorithm description, complexity analysis, etc)
- 10 points for the submission report organization and format
- Submitted JAVA code that does not compile and run will be counted as 0.
- If you wish to code in a different programming language than JAVA, you need to get a pre-approval from the class graders.

Assignment Problems

Solve the following problems from your textbook:

- **Chapter 8:** 8.1
- **Chapter 9:** 9.1, 9.3 (Programming problem), 9.5, 9.15

GOOD LUCK!