Please enter your name and uID below.

       Name: Qianlang Chen

       uID: u1172983

Submission notes

- Due at 11:59 pm on Friday, September 11.

- Solutions must be typeset using one of the template files. For each problem, your answer must fit in the space provided (e.g. not spill onto the next page) *without* space-saving tricks like font/margin/line spacing changes.

- Upload a PDF version of your completed problem set to Gradescope.

- Teaching staff reserve the right to request original source/tex files during the grading process, so please retain these until an assignment has been returned.

- Please remember that for problem sets, collaboration with other students must be limited to a high-level discussion of solution strategies. If you do collaborate with other students in this way, you must identify the students and describe the nature of the collaboration. You are not allowed to create a group solution, and all work that you hand in must be written in your own words. Do not base your solution on any other written solution, regardless of the source.

1. (Big-Θ)

2. (Party Planning)

3. (Amortized ArrayList)

4. (Sorting)

5. (Erickson 1.37)