Study Guide for Exam1

Dear Students:

This is a brief study guide for Exam1 (on Monday 10/07/24). I hope these points will help you to prepare better for the exam:

1. The exam will cover Finite Automata, Regular Expression, Grammars, and NFA modules.

2. There will be 6 questions. Some questions have 2-3 parts. As the materials of these parts are tightly connected, it is difficult to clearly identify the points for each chapter.

3. I strongly recommend students to be dominant and fully understand materials from these sources:
    a) Examples we provided in the class and in the slides.
    b) Questions in the assignments.

4. Students need to solve a problem for each question.

5. Students should be comfortable with various topics we discussed in the class. In particular, ability to draw NFA and DFAs, regular expressions, grammars, regular languages, and converting them.