

Theory of Computation, CSCI 438, Spring 2022
Essay questions for exam 1, Feb. 14

Answer the following with as many, or as few, words as is needed to thoroughly answer the question. You may use your notes, text or the Internet to answer these questions. You may not discuss these questions with any other students.

1. Describe at least three situations where regular expressions are useful. (5 pts.)

2. One of your classmates doesn't understand the pumping lemma. Explain the pumping lemma to this student without using the formulas. (5 pts.)

