

# Theory of Computation Assignment 1: Automata and Languages

## Overview

Assignment prompt: Do something interesting related to automata and/or languages not covered in class.

If you are unsure if a topic counts, just ask. Please turn in a substantive report including any proofs, equations, diagrams, etc. used. Alternatively, turn in a well-documented code project. If a report is chosen, latex or markdown is recommended (but not required). If generative AI is used, include screenshots of the chat. Please cite (or at least list) any outside sources.