

## CS112 (LFA): Lab 2

March 5, 2021

**Exercise 1.** *Implement a library/program in a programming language of your choosing that creates a DFA. Use your library from lab 1 to load and then generate the DFA based on input file. Then check if DFA accepts a given string. Allow command line arguments to your program in the form:*

```
your_dfa_engine.py dfa_config_file input_string  
>> accept/reject
```

**Exercise 2.** *Create configuration files for DFAs from Exercises 1.5 and 1.6 (Sipser - Chapter 1).*