

CS112 (LFA): Lab 2

February 14, 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 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).*