CS112 (LFA) - Projects Lab 3

March 2022

Exercise 1. *(2p) Implement a library/program in a programming language of your choosing to simulate the Myhill-Nerode theorem - minimize a DFA to the smallest DFA with the same level of* **completeness***.*

> *dfa_minimization_engine.py dfa_config_file*

The above command should print the resulted DFA in the format presented in L1.Appendix

Exercise 2. *(1p, Bonus) Implement a library/program in a programming language of your choosing to minimize a DFA to the smallest (potentially) incomplete DFA.*

> *adv_dfa_minimization_engine.py dfa_config_file*

The above command should print the resulted DFA in the format presented in L1.Appendix