CS112 (LFA) - Projects Lab 6

May 2022

Exercise 1. *(2p) Create a program-readable format to fully describe a* **Turing Machine***, similar to L5.Ex1.*

Implement a library/program in a programming language of your choosing to load and validate a TM in the format you created.

$$tm\_validation\_engine.py \quad tm\_config\_file$$

You must also include two additional files along with the script:

- *A READMDE file to describe your format*

- *An example tm_config_file input*

Exercise 2. *(1p) Implement a library/program in a programming language of your choosing to run an input against a TM - as in* **Sipser 3.8** *- using the format you created.*