**Lab 4 Final**

<https://github.com/cinnamonbreakfast/flcd/tree/main/lab4_2>

*Data represented on:*

**States**: List<String>

**Alphabet**: List<String>

**Transitions**: Dict<String, List<String>> # some sort of key: pair

**Final** **states**: List<String>

*(Using functional programming, no classes)*

*Using bold instead of quotation marks:*

letter ::= "A" | "B" | … | "Z" | "a" | "b" | … | "z"

digit ::= "0" | "1" | … | "9"

node ::= letter | letter{letter}{digit}

automata ::= line

read ::= **#states** | **#alpha** | **#initial** | **#final** | **#trans**

trans ::= node, node, node

alpha ::= {letter,} letter

line ::= read | {node,} node | trans | alpha