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Git: <https://github.com/tatarflavia/Formal-Languages-Compiler-Design-LAB/tree/main/lab4-final%20FA>

## **EBNF FOR FA.in**

FA.IN=STATES ALPHABET FINALS INIT TRANSITIONS

STATES=STATE {" , " STATE} NEWLINE

STATE=LETTER {SYMBOL} //first char is a letter, rest can be digits or letters

LETTER="A" | .. "Z" | "a" | ... | "z"

SYMBOL=LETTER | DIGIT //only 1 digit/ 1 letter

DIGIT="0" | .. | "9"

NEWLINE="\r" | "\n"

ALPHABET=SYMBOL {" , " SYMBOL} NEWLINE

FINALS=STATE {" , " STATE} NEWLINE

INIT=STATE NEWLINE

TRANSITIONS= TRANSITION {NEWLINE TRANSITION}

TRANSITION=STATE " , " SYMBOL "=" STATES