Lexic + Syntax for how we write the FA file:

letter ::= 'a'|'b'|...|'z'|'A'|'B'|...|'Z'

specialCharacter ::= '-'|'+'

digit ::= '0'|'1'|...|'9'

alphabetCharacter ::= letter | digit | specialCharacter

alphabet ::= alphabetCharacter,{alphabetCharacter,}

state ::= letter

listOfStates ::= state,{state,}

transition ::= state state alphabet

listOfTransitions ::= transition'\n'{transition'\n'}

initialState ::= state

finalStates ::= state,{state,}

FAfile ::= listOfStates '\n' alphabet '\n' initialState '\n'finalStates '\' transition