

## **FA.in in EBNF form:**

program = states endLine inputSymbols endLine initialState endLine finalStates endLine  
transitions

endLine = "\n"

letter = "A" | "B" | ... | "Z" | "a" | "b" | ... | "z"

digit = "0" | "1" | ... | "9"

symbol = "+" | "-" | "\*" | "/" | "%" | "=" | "\_" | "<" | ">" | "," | "." | "?" | "!" | "@" | "#"  
| "\$" | "^" | "&" | "(" | ")" | "[" | "]" | "{" | "}" | "\" | "|" | ";" | ":" | "'" | ""

letterOrDigit = letter | digit

state = letter {letterOrDigit}

states = state | {state}

inputSymbol = letter | digit | symbol

inputSymbols = inputSymbol | inputSymbols {inputSymbol}

initialState = state

finalStates = states

transition = state " , " inputSymbol " -> " state endLine

transitions = transition | {transition}