GIT:

The application reads the text from a txt file and puts every line in a list of lists.

Then it goes through the list and then each other list and prints the transitions, all the states, the final states and finally the alphabet.

BNFs:

Identifier := schar|schar

schar := letter AnyChar

letter := ’a’-‘z’ | ‘A’-‘Z’

anyChar := letter | ‘0’-‘9’ | letter AnyChar |

String constant

string := '"' seq'"'

seq := letter | digit | letter seq | digit seq | specialChr | specialChr seq

letter := 'a'-'z' | 'A'-'Z'

digit := '0'-'9'

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

Integer constant

Regex: regex: (-|+)?(0|[1-9]+)

const int := '0' | nonzero-d | nonzero-d sequence | (+|-) '0' | (+|-) nonzero-d |(+\-) nonzero-d sequence

sequence := d | d seq

nonzero-d := '1'|'2'|'3'|...|'9'

d := nonzero-d | '0'