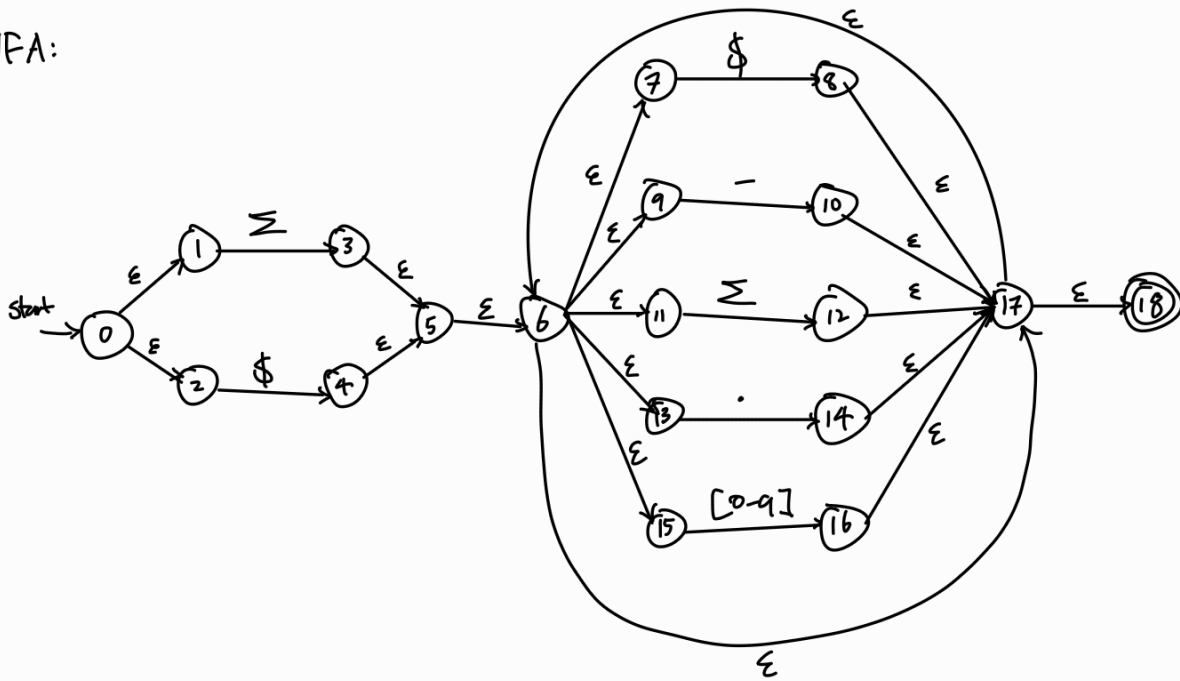


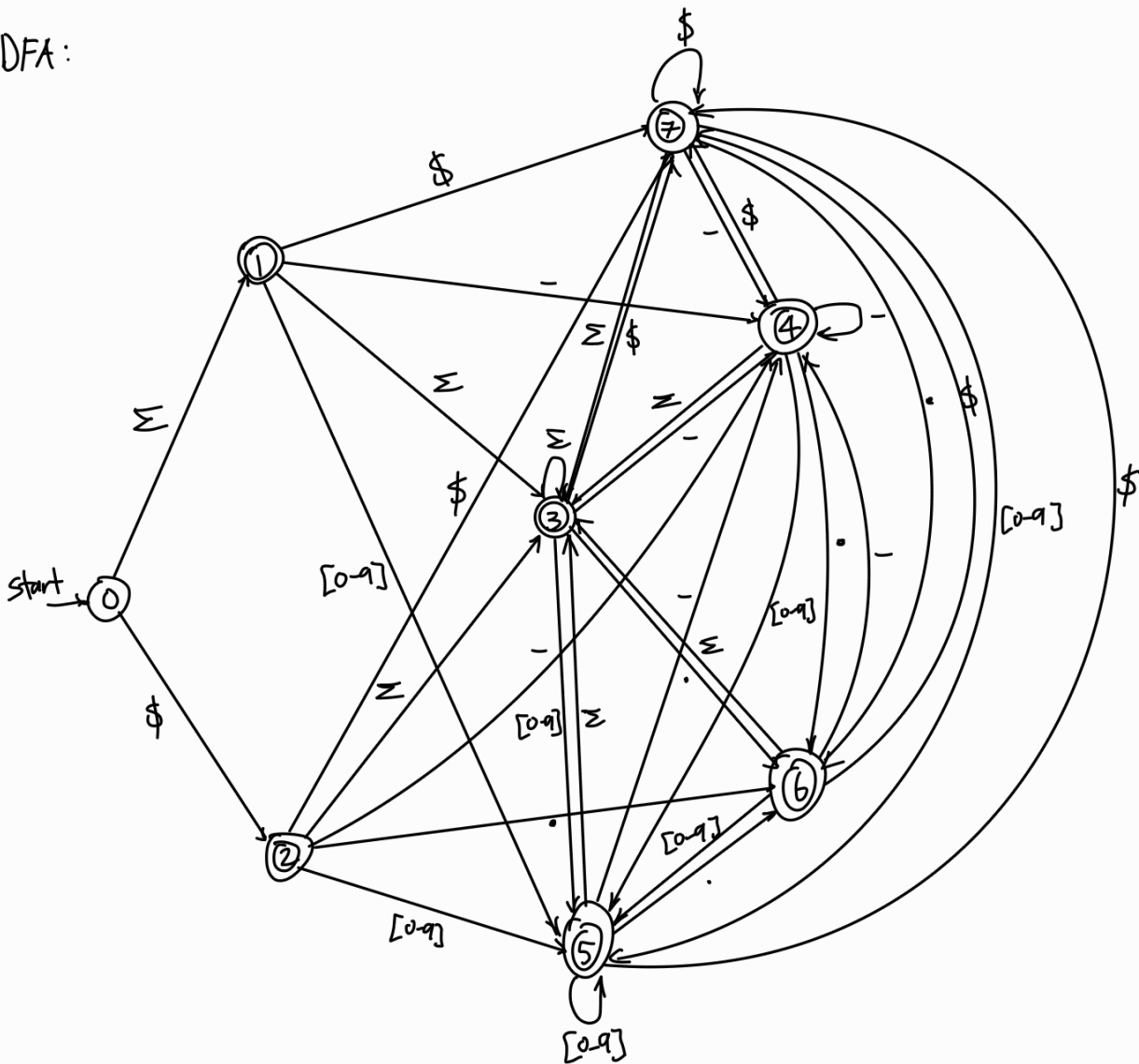
① Identifier

RE:  $(\Sigma | \$)(\$ | _ | \Sigma | . | [0-9])^*$ ,  $\Sigma = [a-zA-Z]$

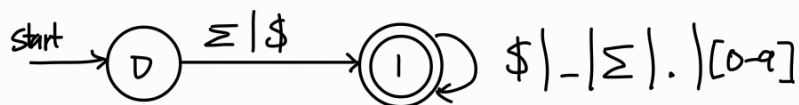
NFA:



DFA:



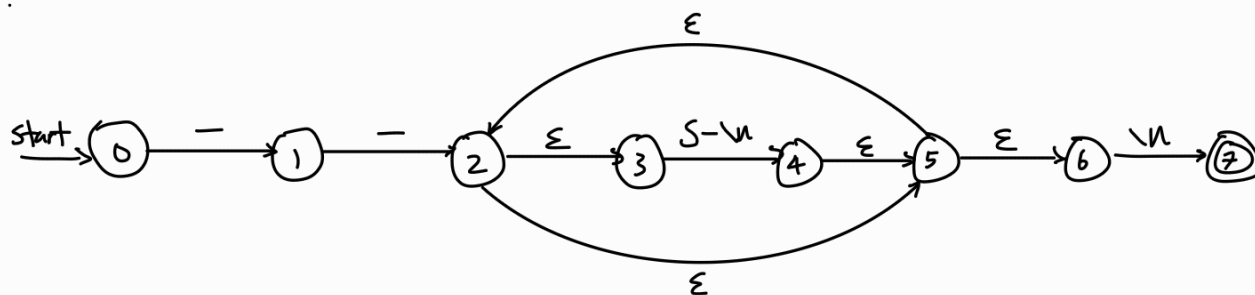
Minimal - DFA :



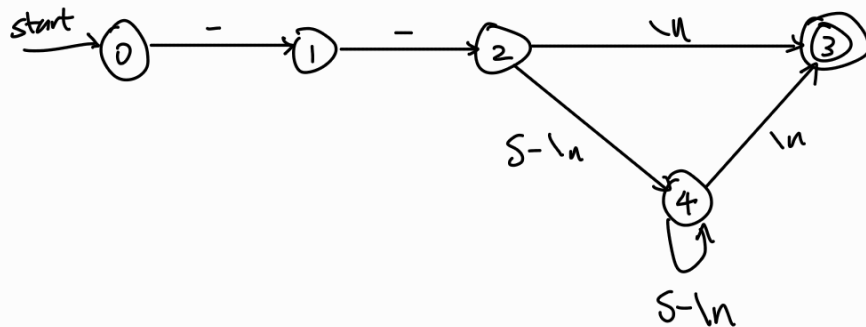
(2) comment ,  $S = \{ \text{set of all symbols} \}$

RE:  $--(S-\backslash n)^* \backslash n$

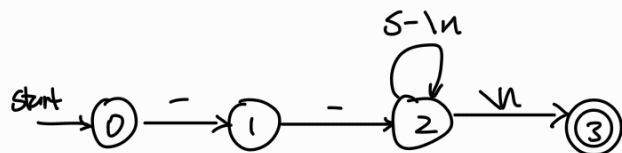
NFA :



DFA:

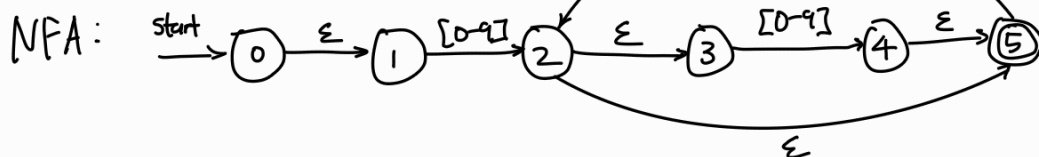


Minimal - DFA :

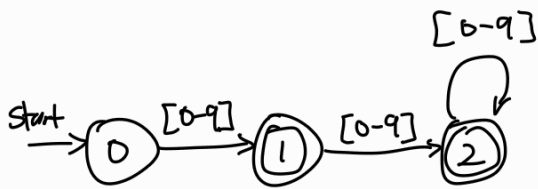


(3) number literal

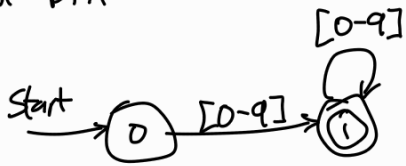
RE:  $[0-9]^+$



DFA:



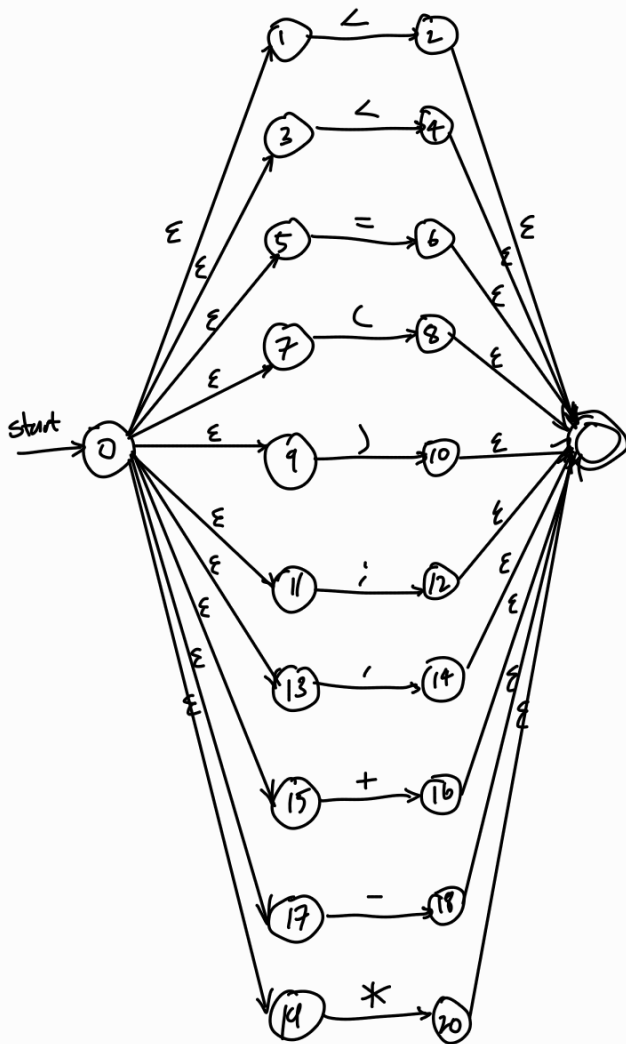
Minimal - DFA:



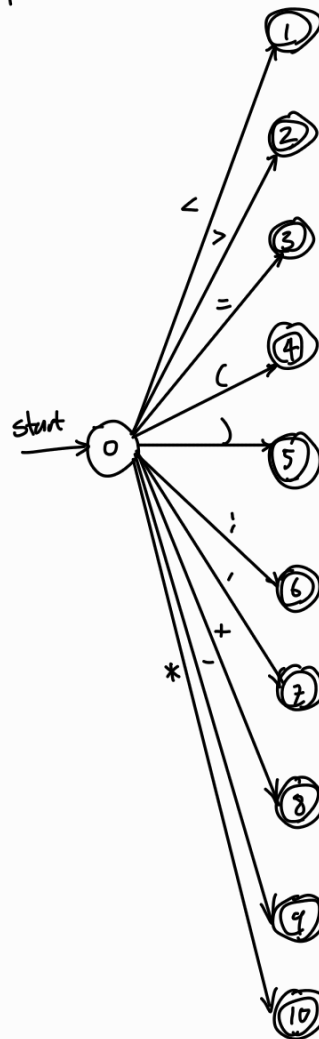
④ operators & punctuations

REG:  $( < | > | = | ( | ) | ; | , | + | - | * )$

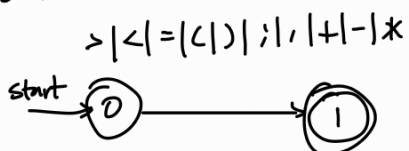
NFA:



DFA:



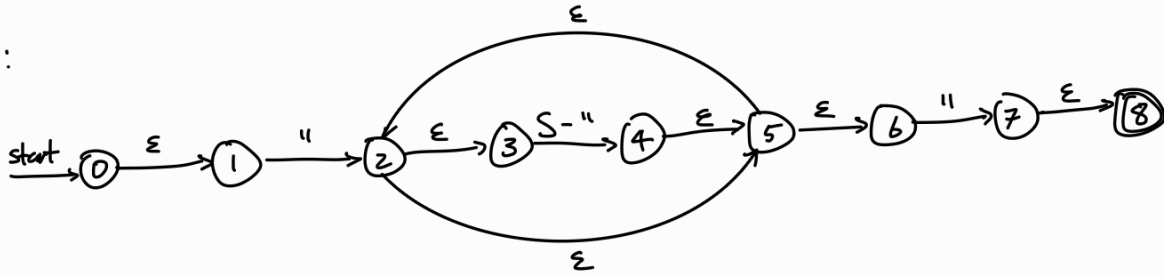
Minimal-DFA



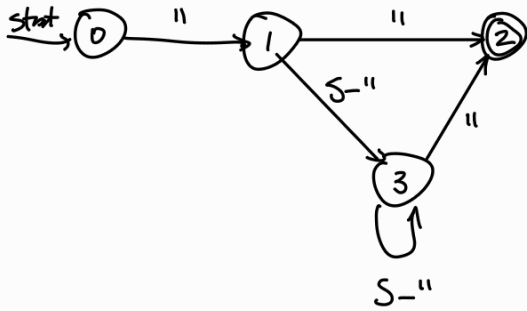
⑤ string literal ,  $S = \{ \text{set of all symbols} \}$

RE :  $"(S-")^*" "$

NFA:



DFA:



Minimal-DFA:

