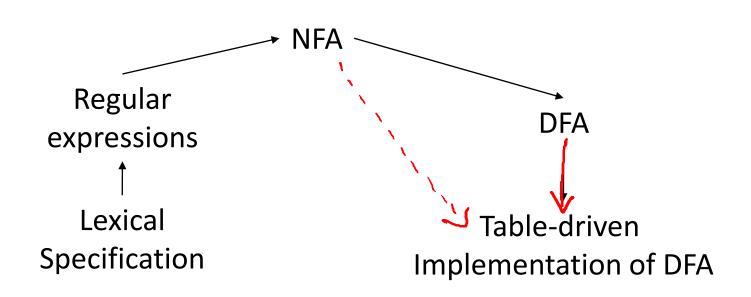
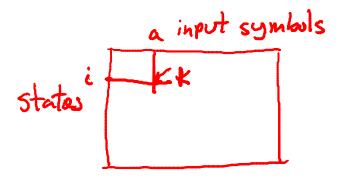


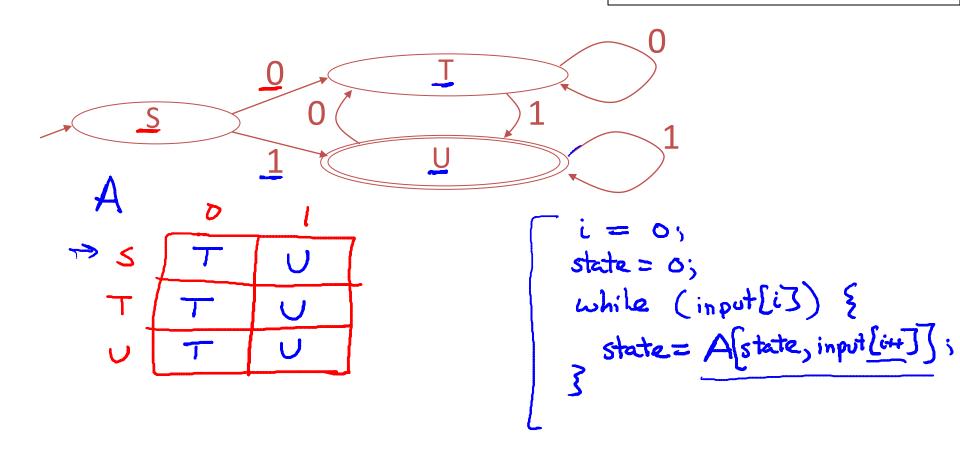
# Compilers

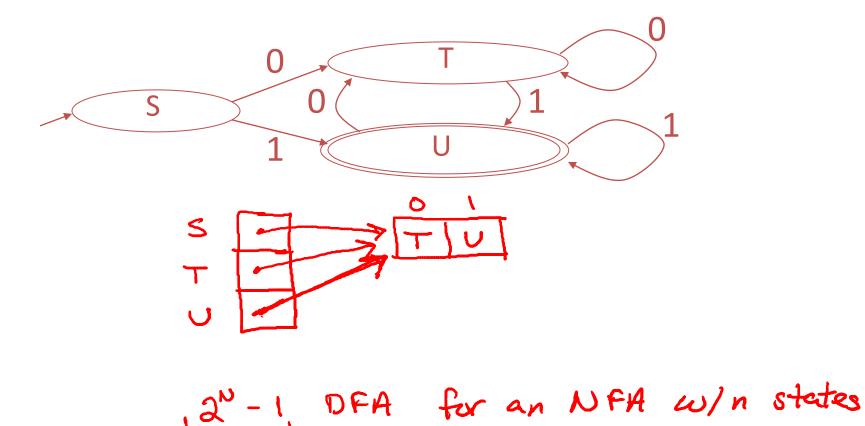
Implementing Finite Automata

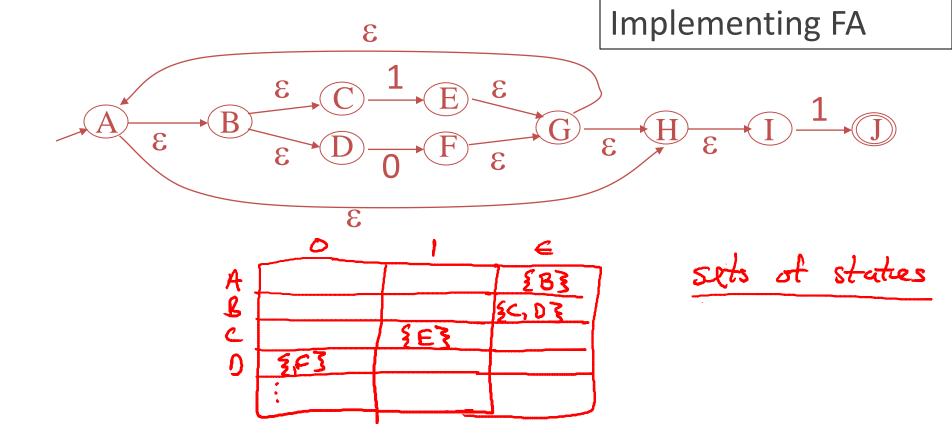


- A DFA can be implemented by a 2D table T
  - One dimension is states
  - Other dimension is input symbol
  - For every transition  $S_i \rightarrow S_k$  define T[i,a] = k









NFA -> DFA conversion is key

Tools trade between speed and space