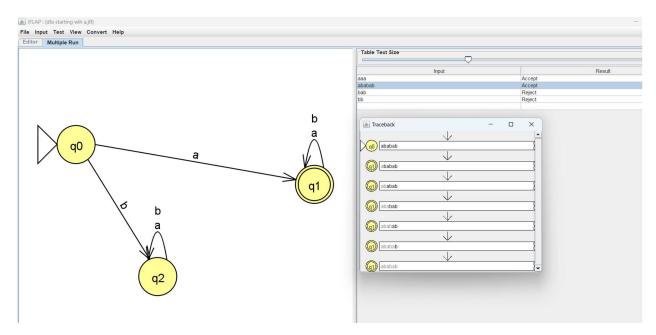
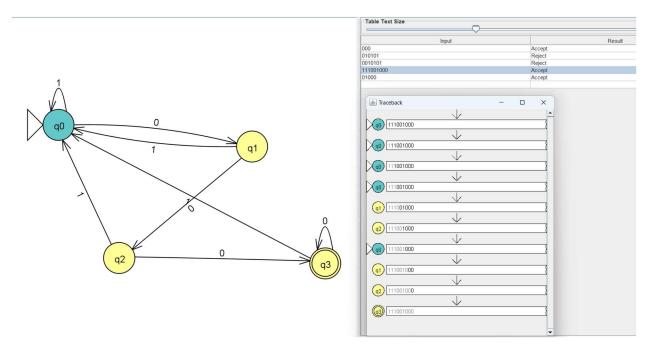
JFLAP:

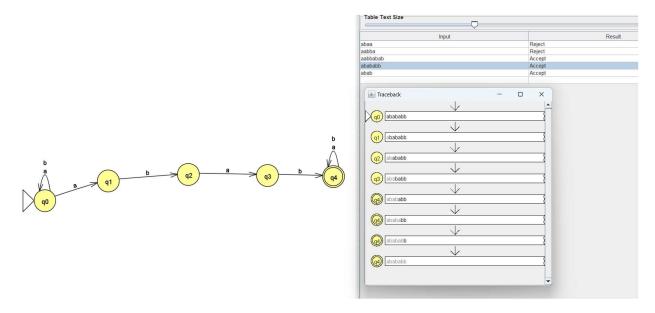
• DFA set of all strings starting with a, over alphabet = $\{a,b\}$



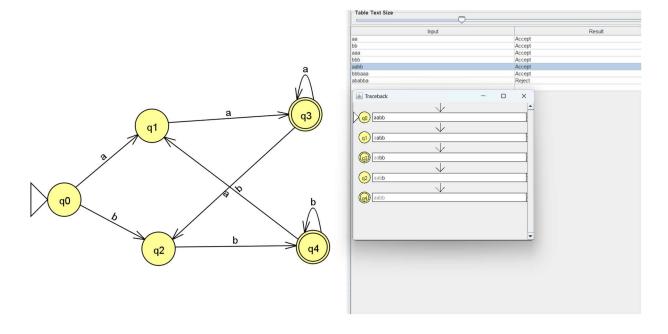
• DFA set of all strings ending with three consecutive zeros over alphabet={0,1}



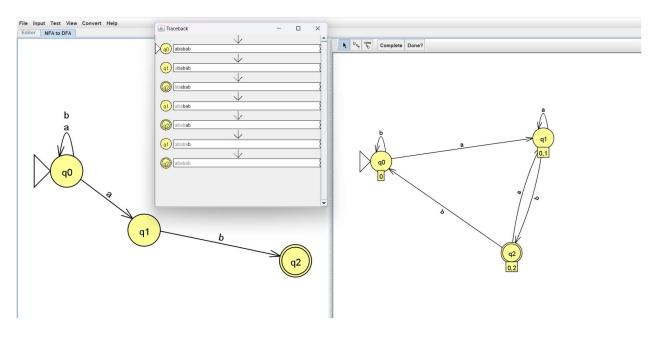
• NFA, set of all string containing abab as a substring over alphabet={a,b}



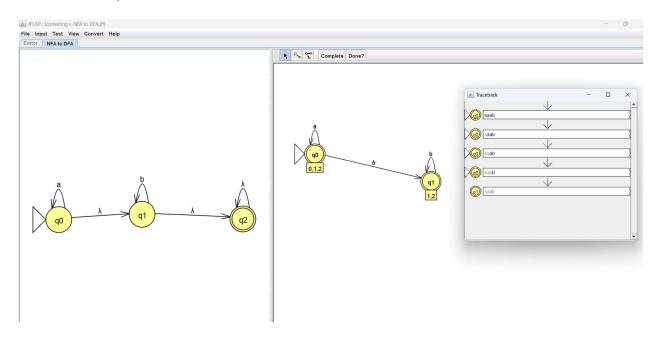
• ε-NFA, starting or ending with aa or bb over alphabet={a,b}



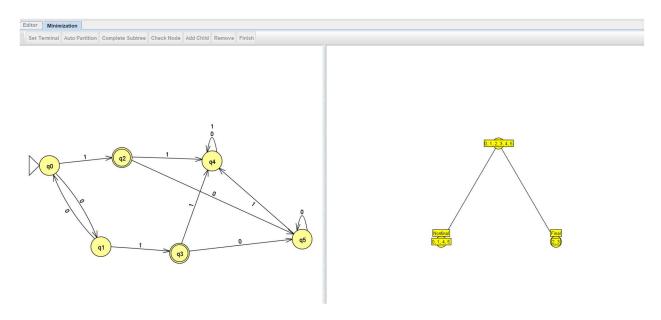
• Converting NFA to DFA



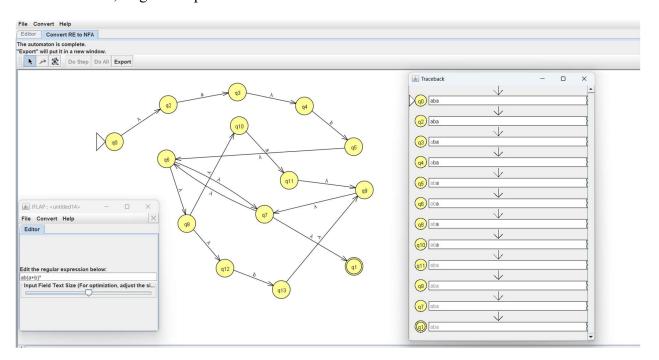
• Conversion, ε-NFA to DFA



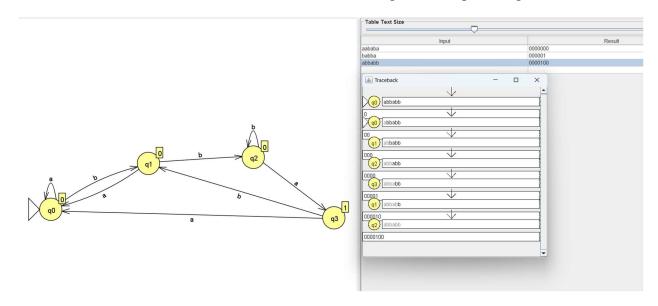
Minimization of DFA



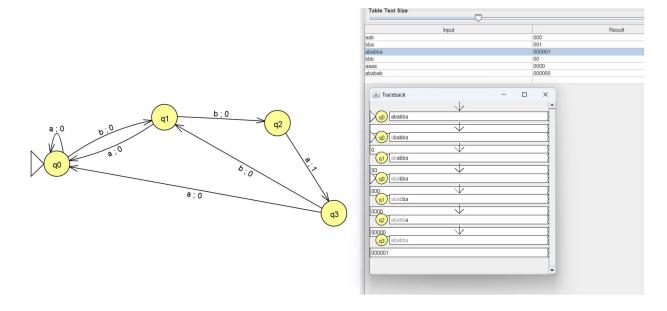
Conversion, Regular Expression to NFA



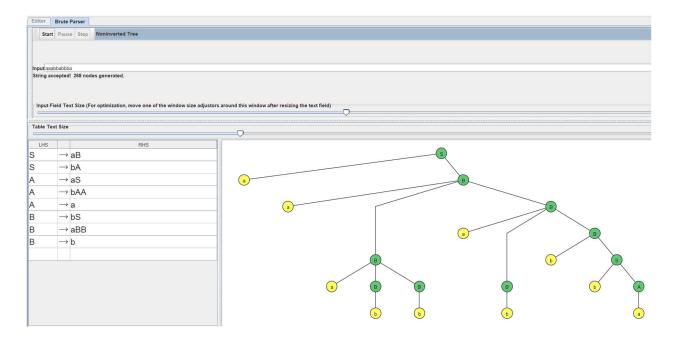
• Moore Machine that counts the occurrence of substring 'bba' in input strings.



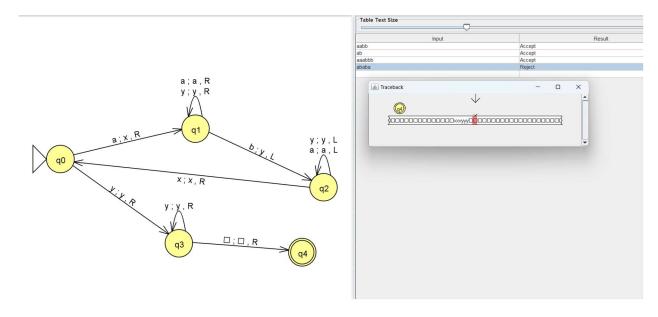
• Mealy Machine that counts the occurrence of substring 'bba' in input strings.



• Parse Tree – CFG



• Turing Machine (L= $\{a^nb^n \mid n>=1\}$)



• Push Down Automata (L= $\{a^nb^n \mid n>=1\}$)

