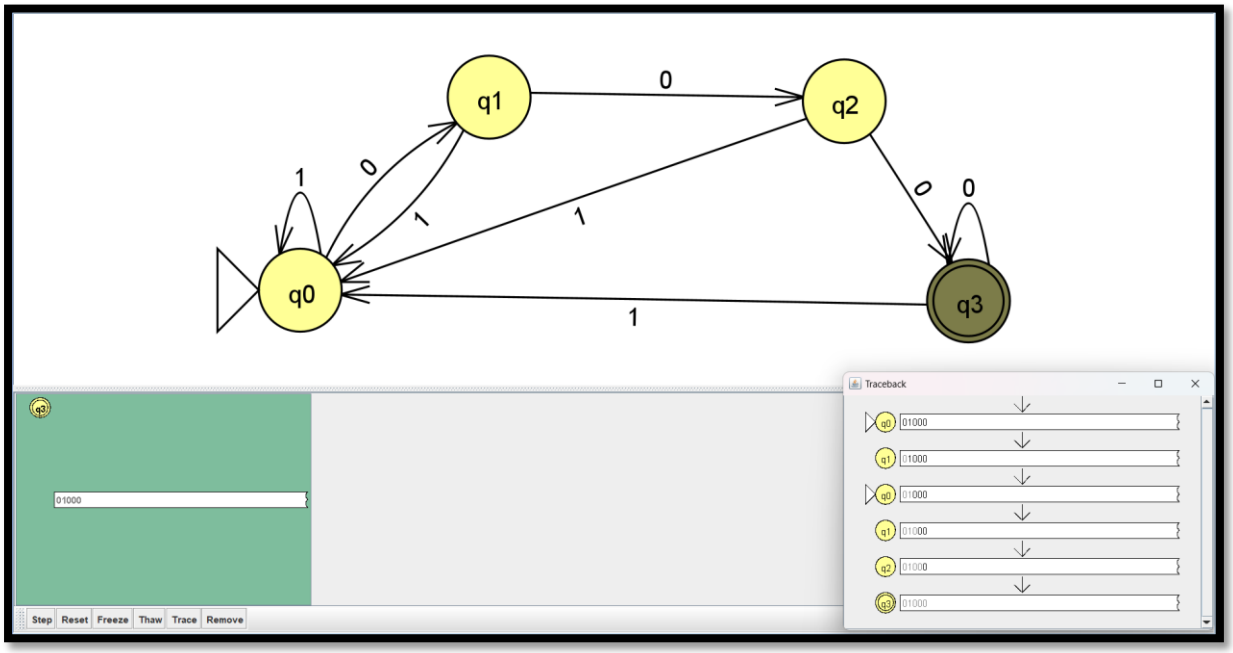
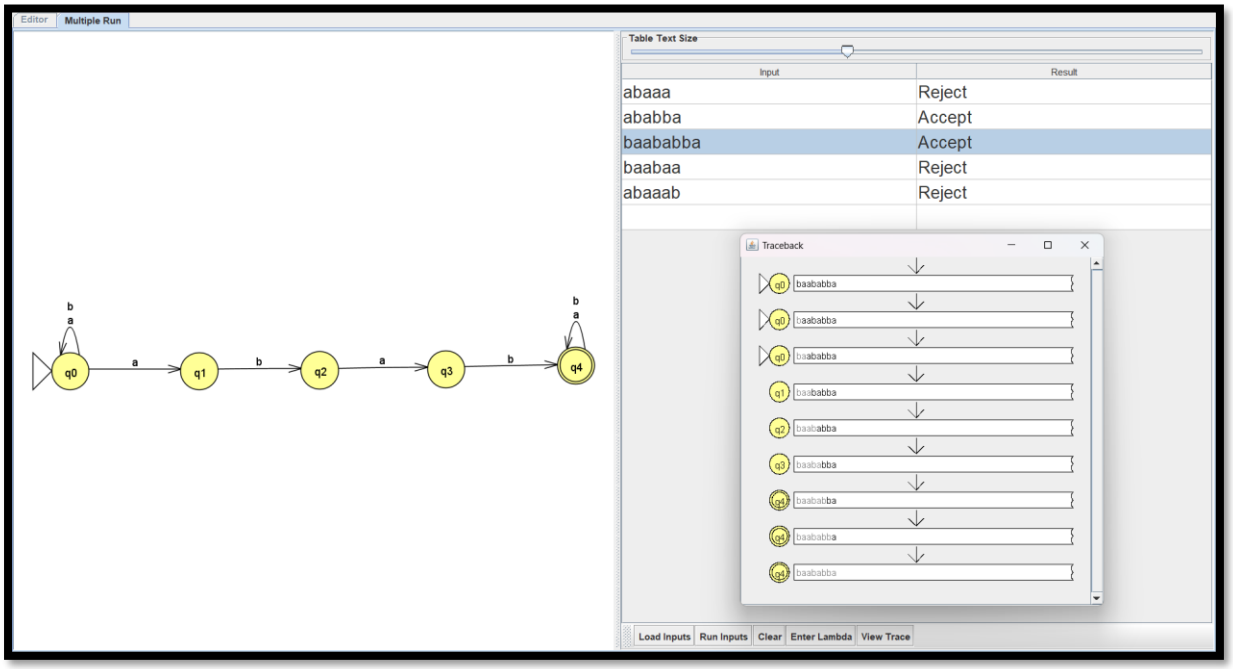
JFLAP Lab Works

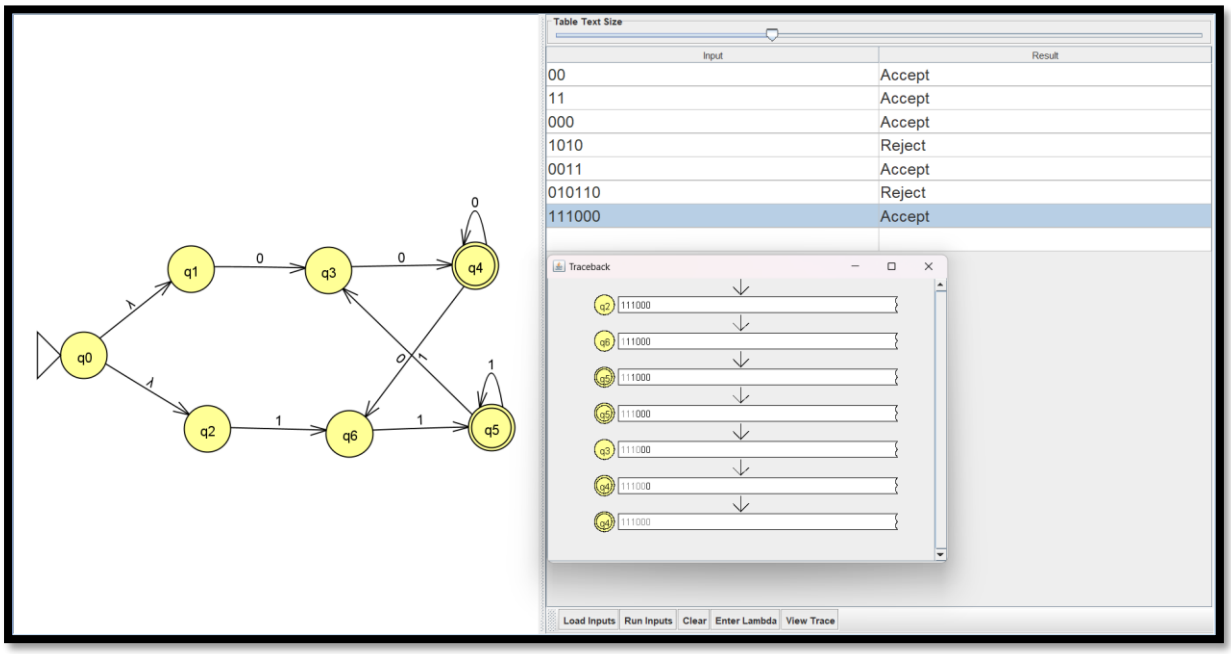
- DFA : Set of all string ending with three consecutive ‘0’ over the alphabet {0,1}.



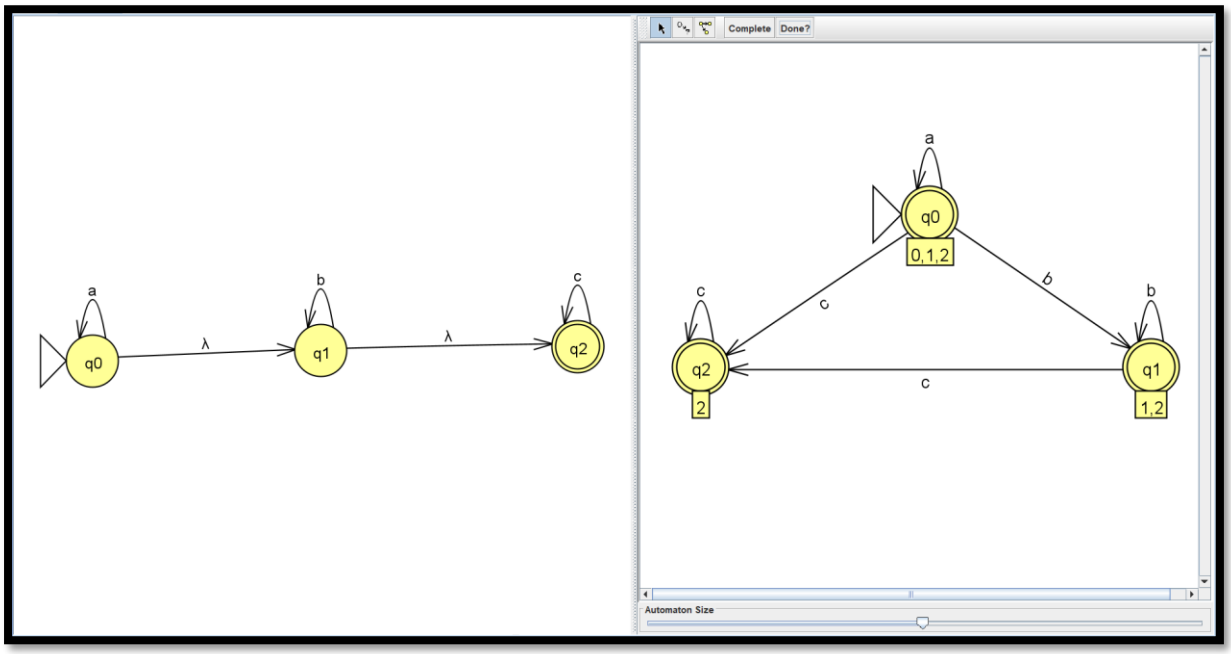
- NFA : Set of all string containing abab as a substring over the alphabet {a,b}.



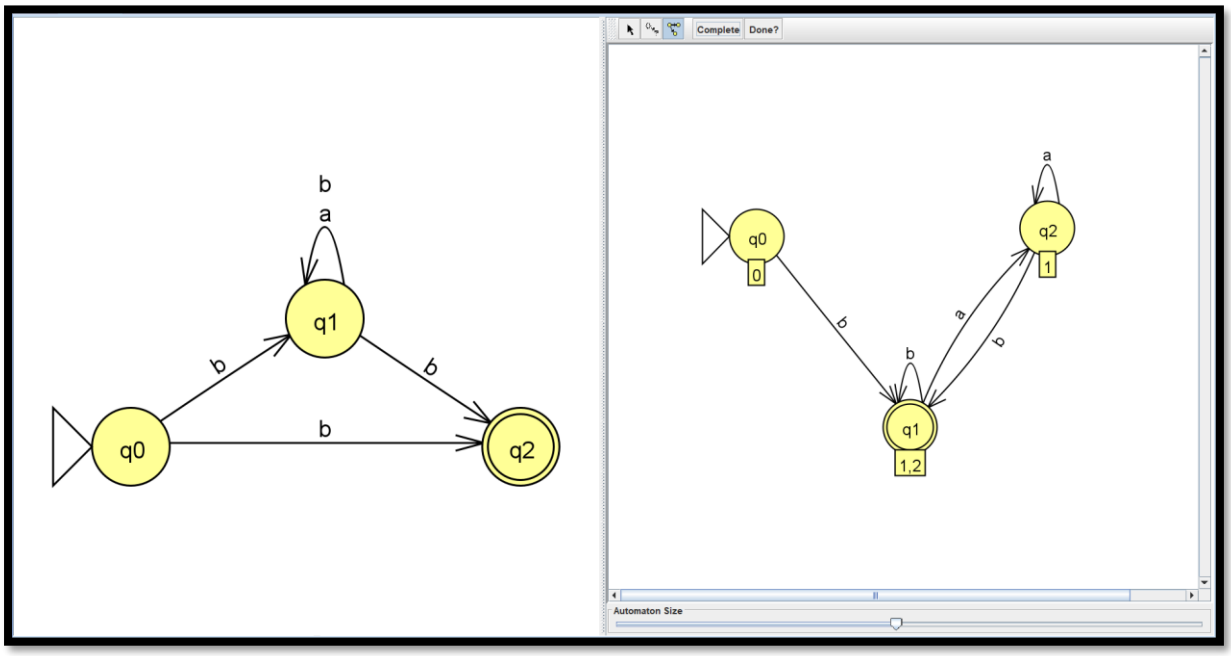
- ε-NFA : Starting or ending with 00 or 11 over alphabet={0,1}.



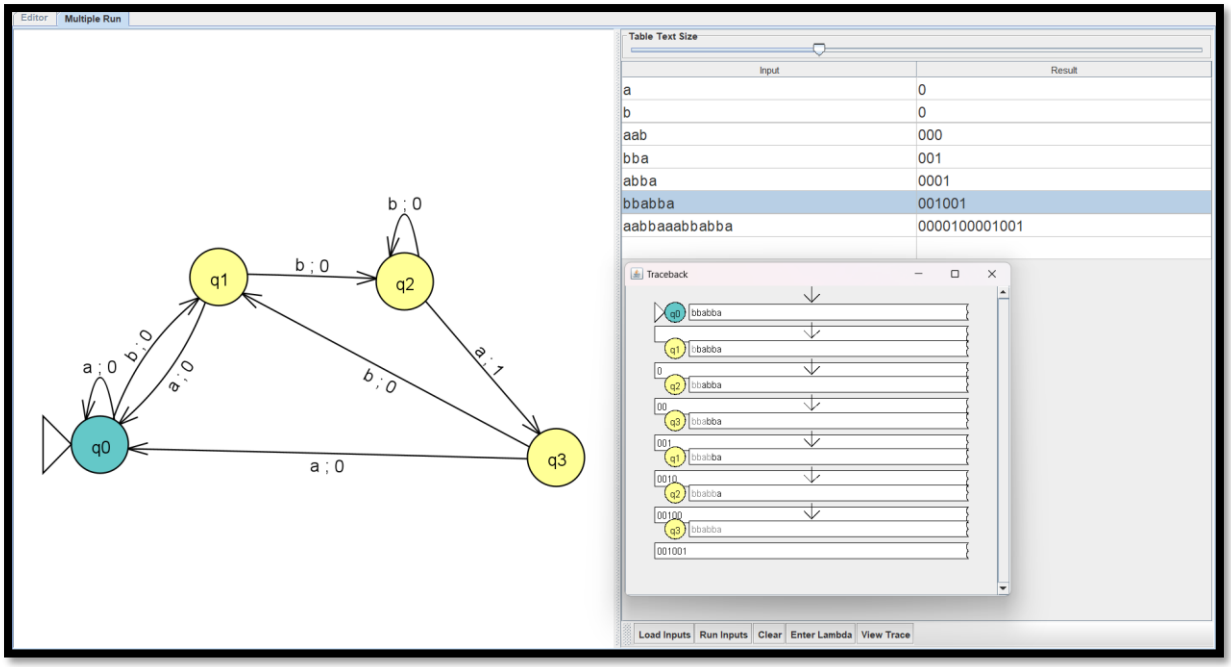
- Conversion of ε-NFA to DFA



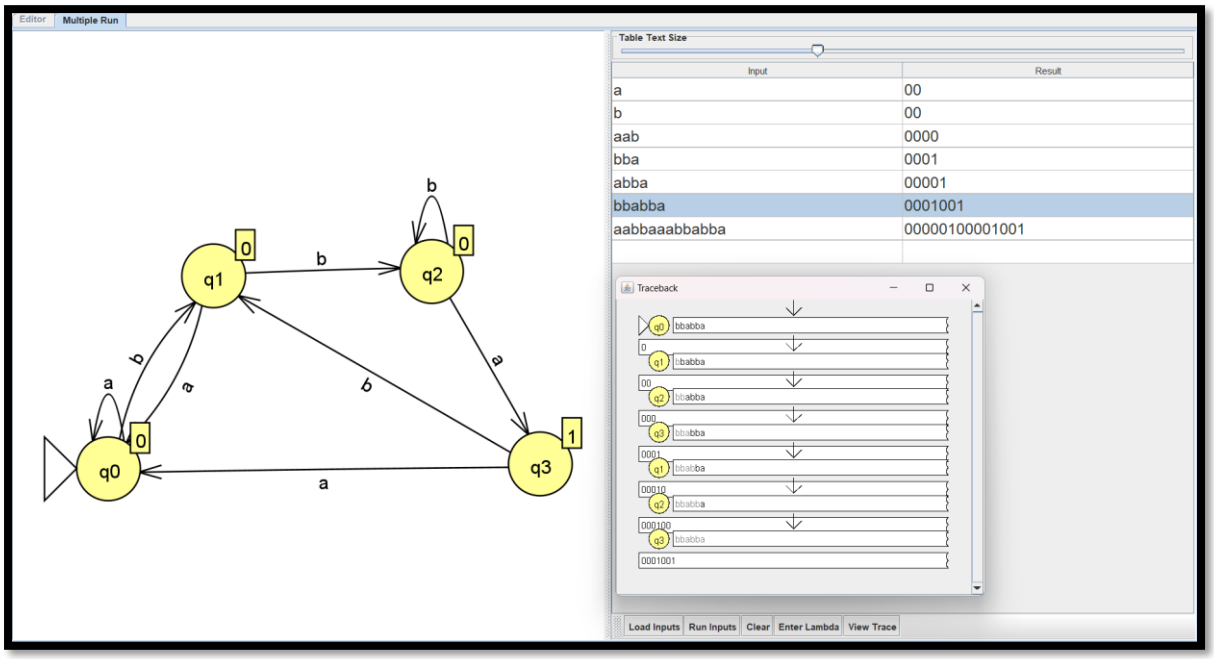
- Conversion of NFA to DFA



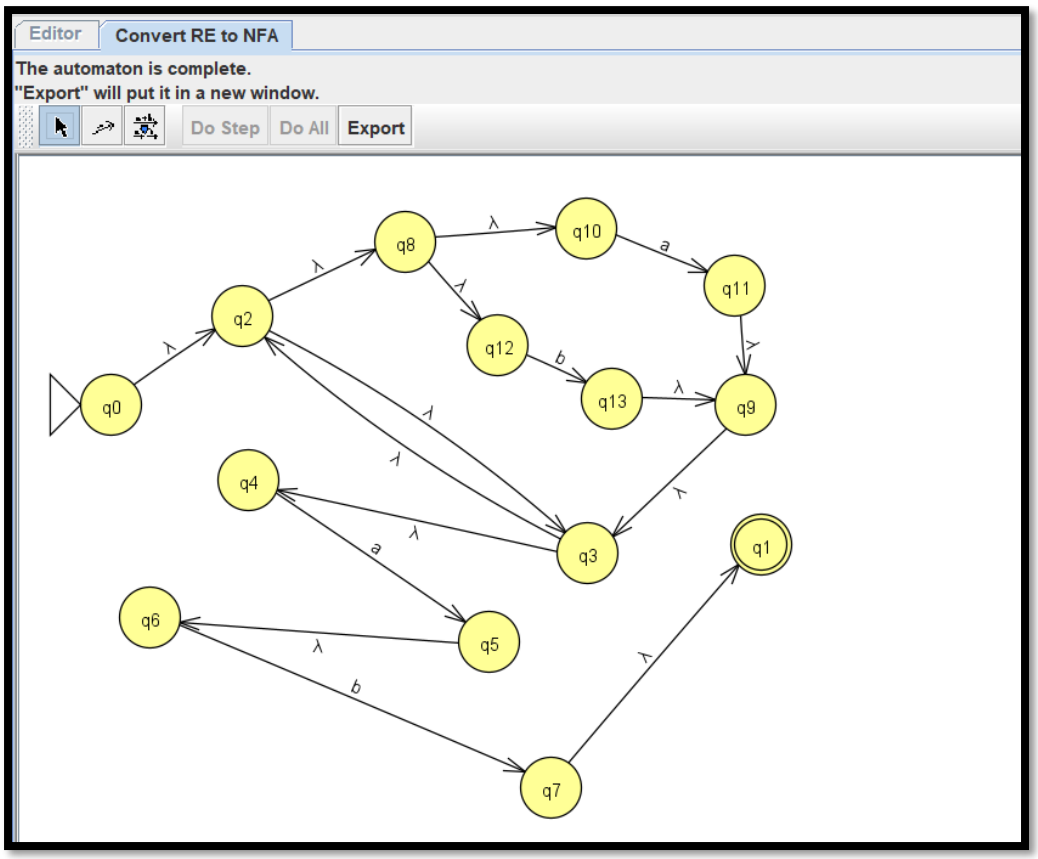
- Mealy machine : Mealy Machine that counts the occurrence of substring 'bba' in input strings.



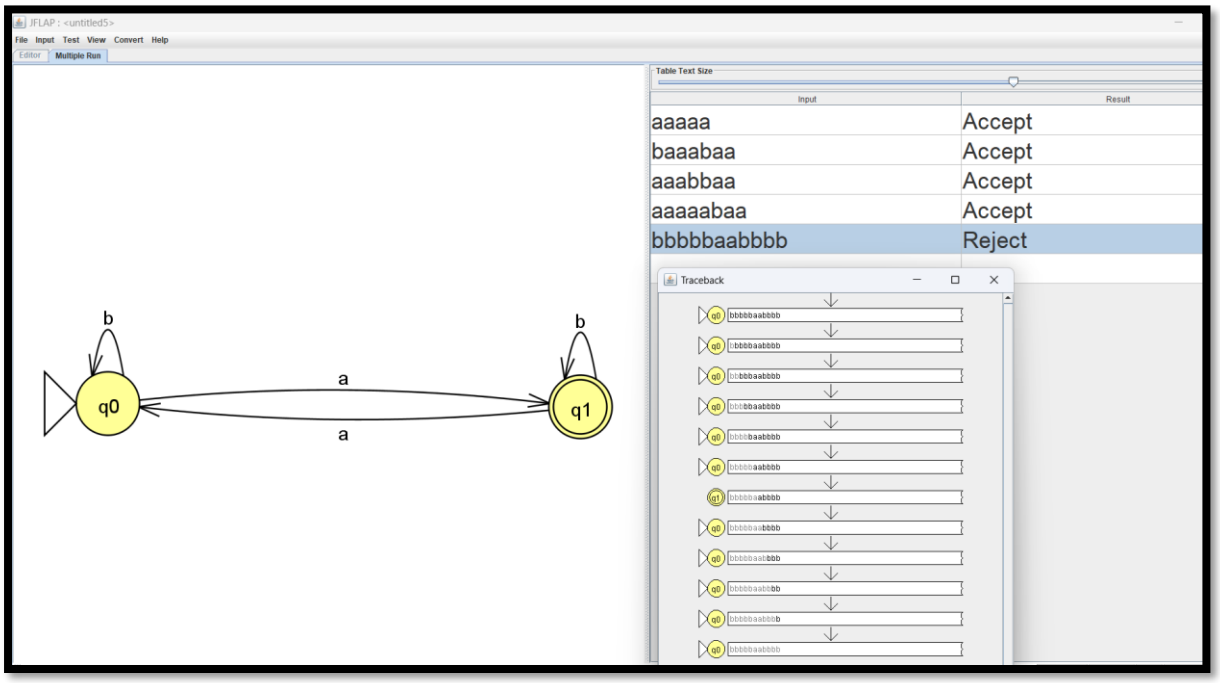
- Moore machine : Moore Machine that counts the occurrence of substring 'bba' in input strings.



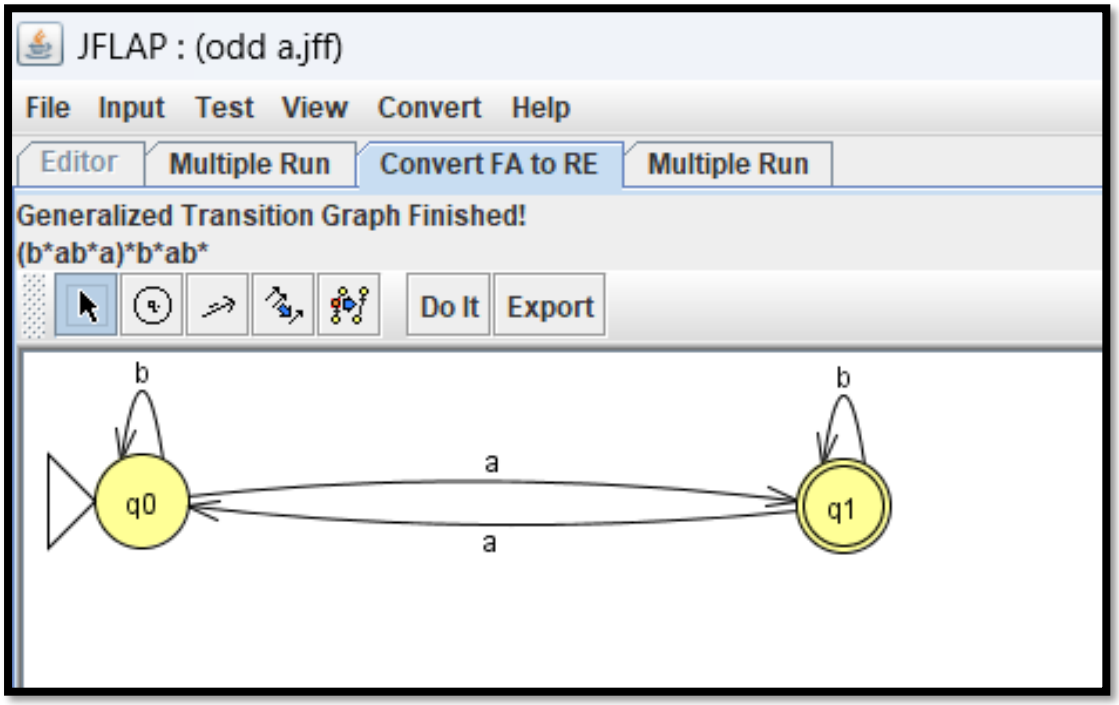
- Convert Regular expression (a+b)*ab into NFA.



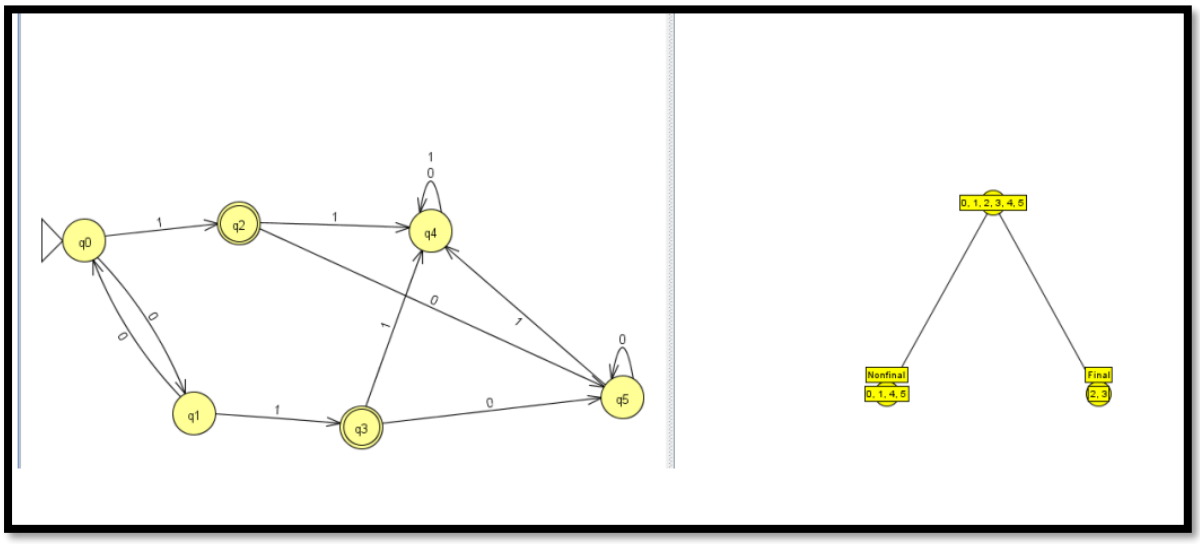
- DFA to RE



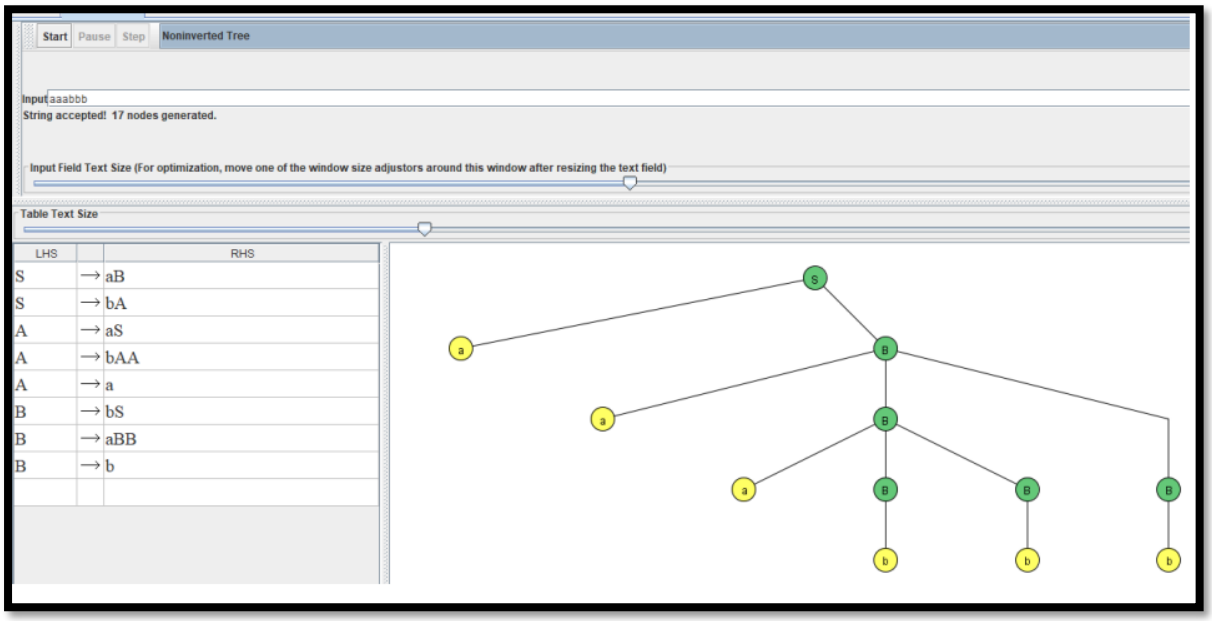
- Conversion in RE



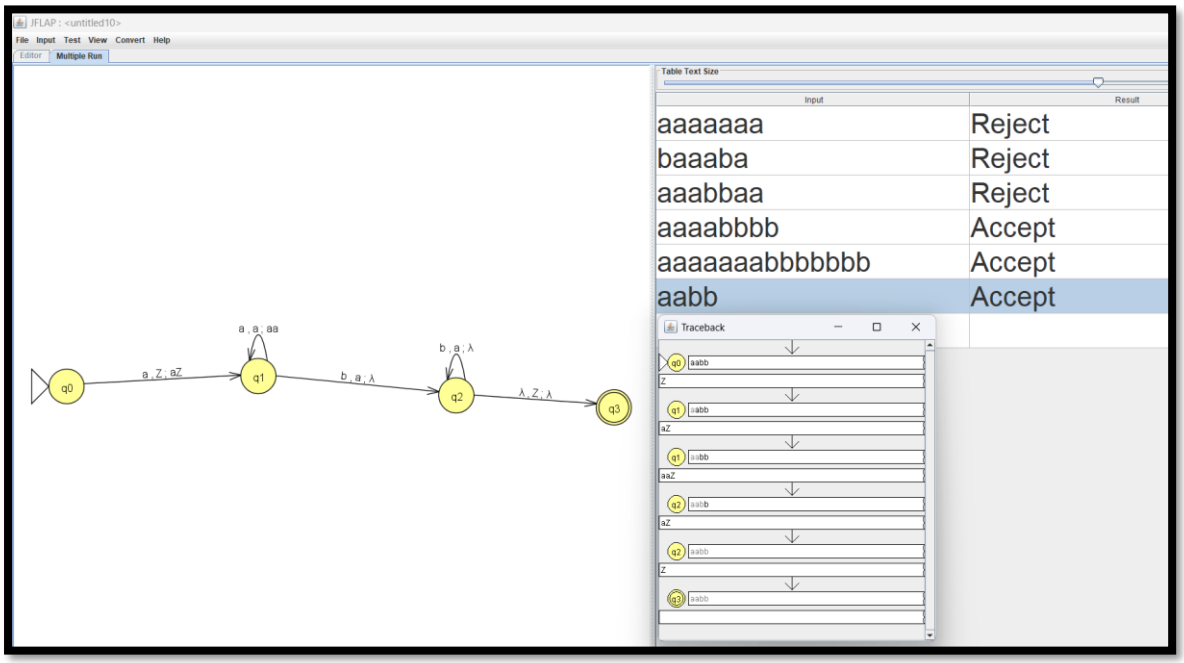
- Minimization of DFA



- Context Free Grammar



- PushDown Automata that accept $\mathbf{0^N1^N}$.



- Turing machine : Turing Machine that accept $\mathbf{0^N1^N}$.