Regular Language

- Regular Language is a language accepted by Finite State Automata
- Regular Language is a language generated by Regular Grammar

Regular Language

- If a language L is accepted by a finite state automata (DFA/NFA) then L is regular language.
- If a language L is regular then there exist a finite state automata M such that L(M)=L

Closure Properties of Regular Language

- If L1 and L2 are regular sets then the following operations are closed
- Union L1 U L2
- Intersection L1 ∩ L2
- Complement L'
- Set Difference L1 - L2 / L2 - L1
- Kleene Closure L*
- Reversal L^R