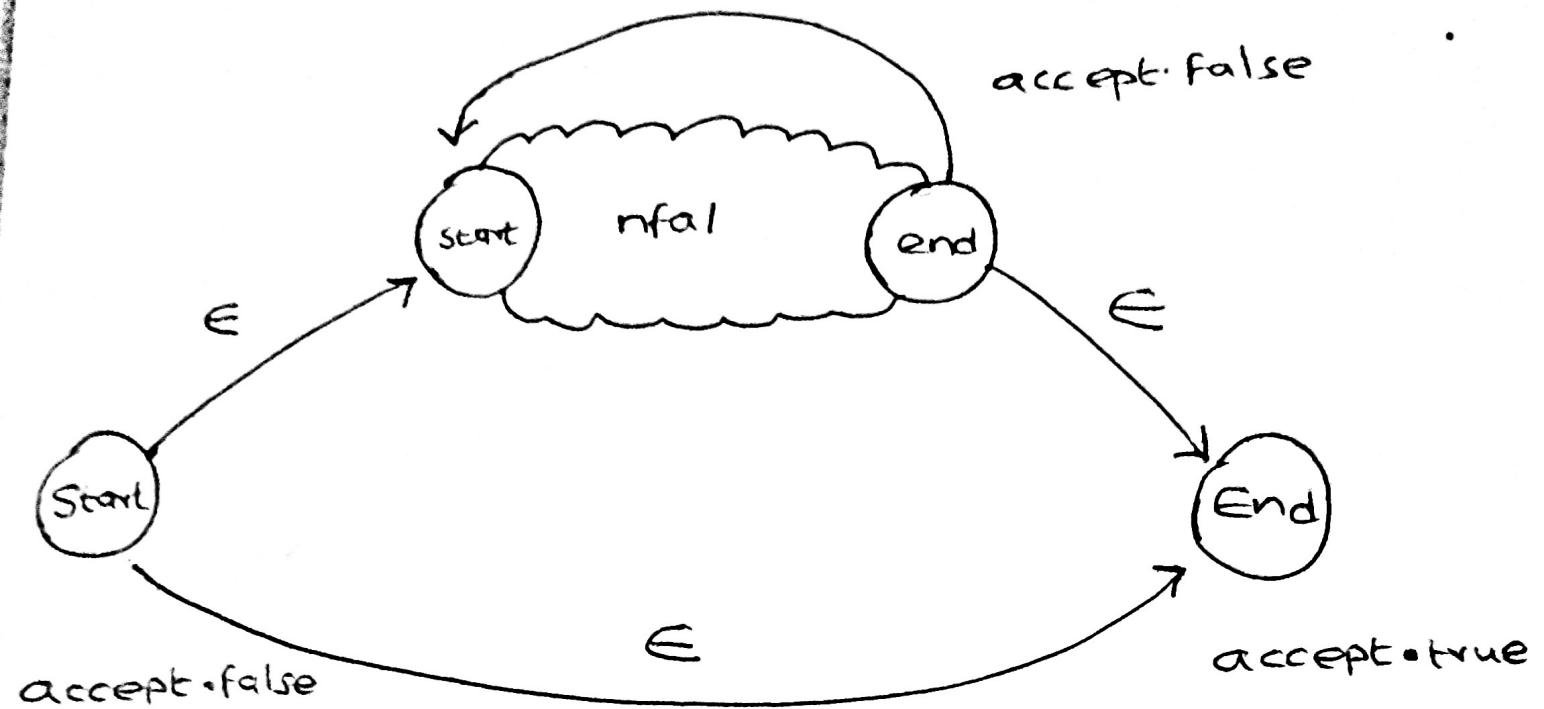


Kleene Star  $N^*$



`Start.arrow.append(nfa1.start)`

`Start.arrow.append(end)`

`nfa1.end.arrow.append(end)`

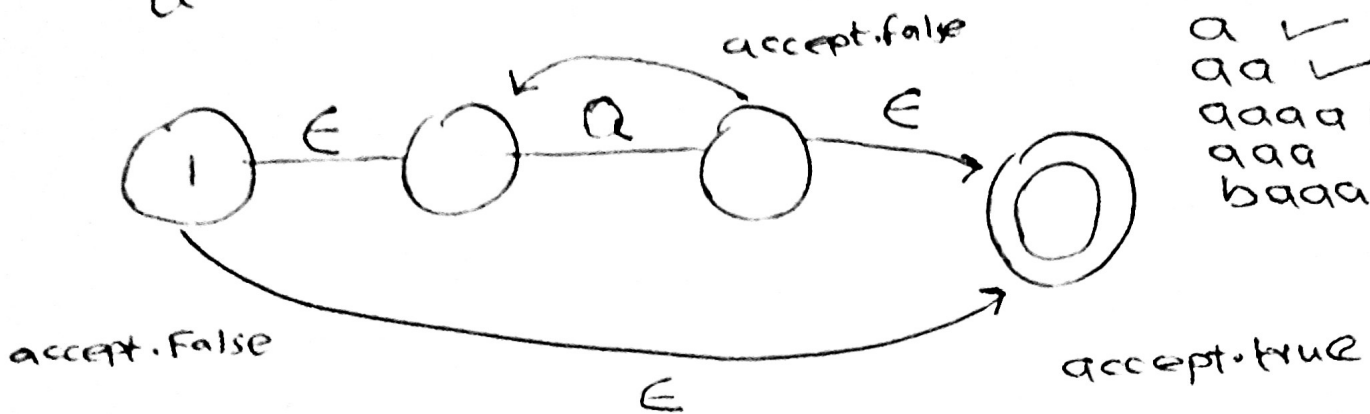
`nfa1.end.arrow.append(nfa1.start)`

`nfa = Nfa(Start, End)`

`Start.append(nfa)`

# Kleene Regular Expression

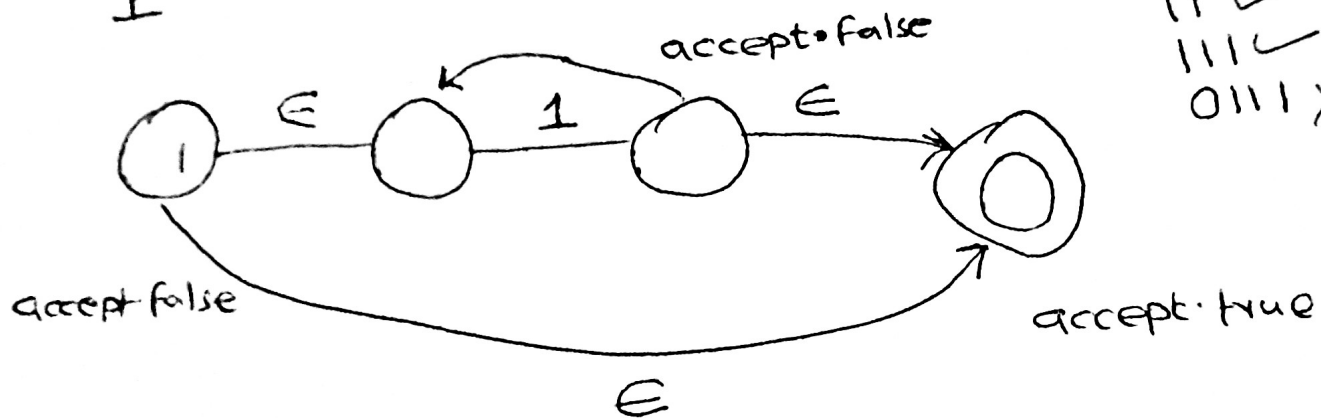
$a^*$



$a^n \checkmark$

$a \checkmark$   
 $aa \checkmark$   
 $aaaa \checkmark$   
 $aaa \checkmark$   
 $baaa \times$

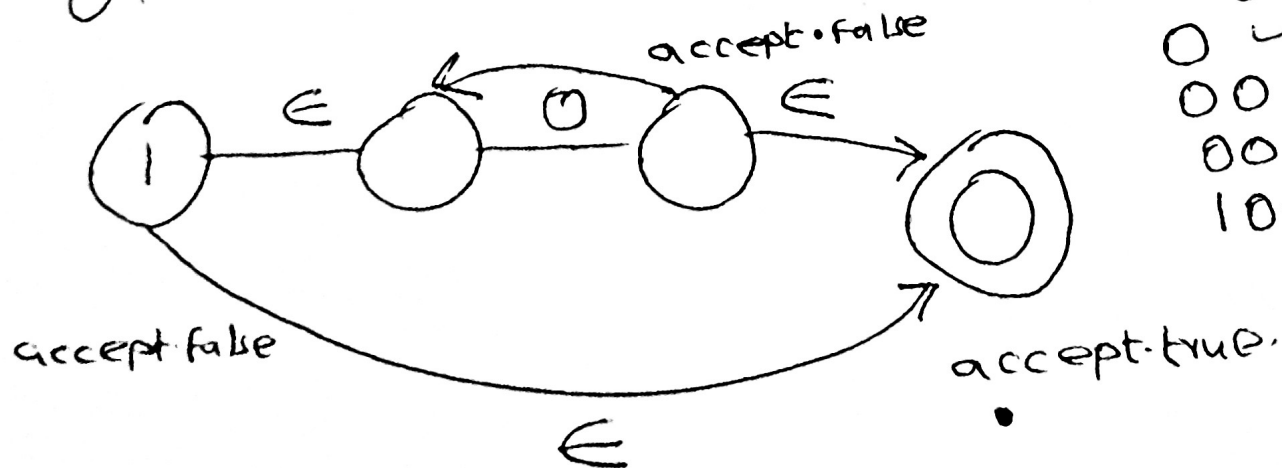
$1^*$



$1^n \checkmark$

$1 \checkmark$   
 $11 \checkmark$   
 $111 \checkmark$   
 $0111 \times$

$0^*$



$0^n \checkmark$

$0 \checkmark$   
 $00 \checkmark$   
 $000 \checkmark$   
 $1000 \times$