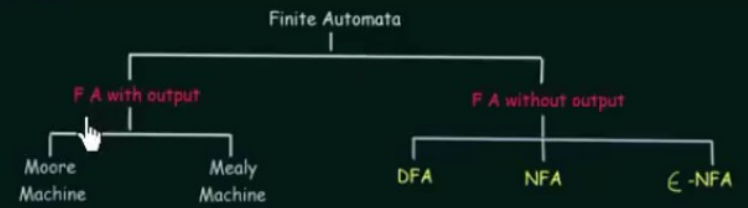


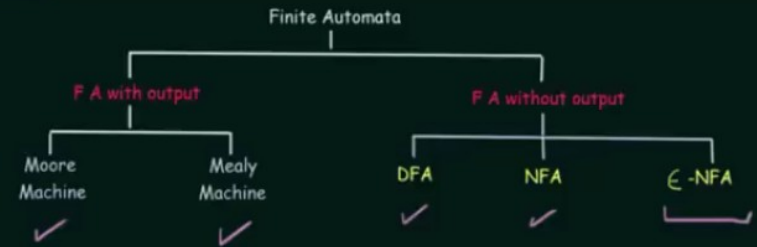
Epsilon NFA

Epsilon (ϵ) - NFA



Epsilon (ϵ) - NFA

ϵ -NFA
↳ empty symbols



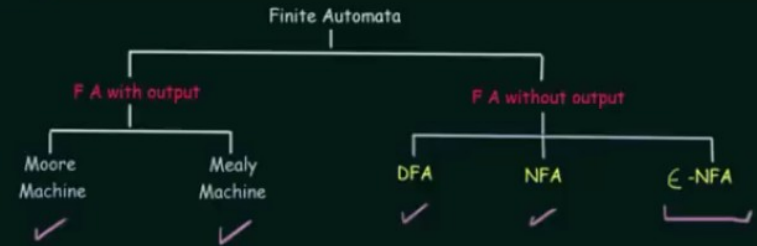
Epsilon (ϵ) - NFA

ϵ -NFA

↳ empty symbols

$\{Q, \Sigma, q_0, \delta, F\}$
↑

$\delta: Q \times \Sigma \rightarrow 2^Q$



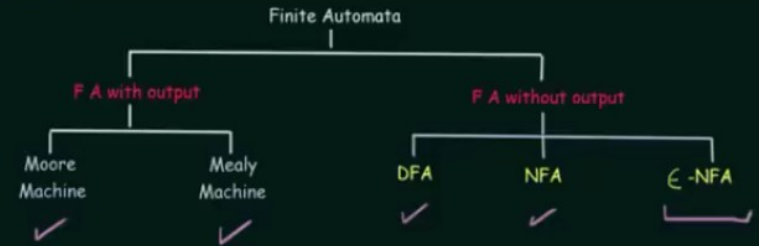
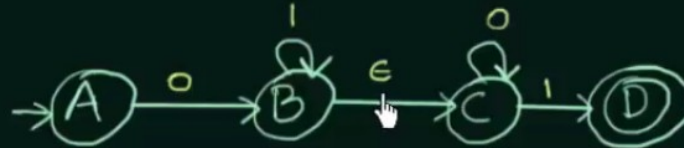
Epsilon (ϵ) - NFA

ϵ -NFA

↳ empty symbols

$\{Q, \Sigma, q_0, \delta, F\}$
↑

$\delta: Q \times \Sigma \cup \epsilon \rightarrow 2^Q$



Epsilon (ϵ) - NFA

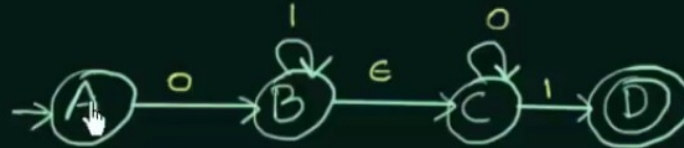
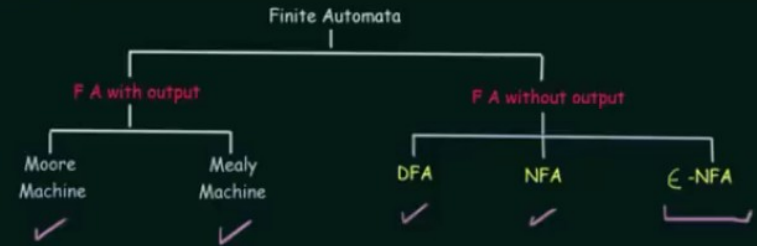
ϵ -NFA

↳ empty symbols

$\{Q, \Sigma, q_0, \delta, F\}$
↑

$$\delta: Q \times \Sigma \cup \epsilon \rightarrow 2^Q$$

Every state on ϵ goes to itself



• **Questions????**