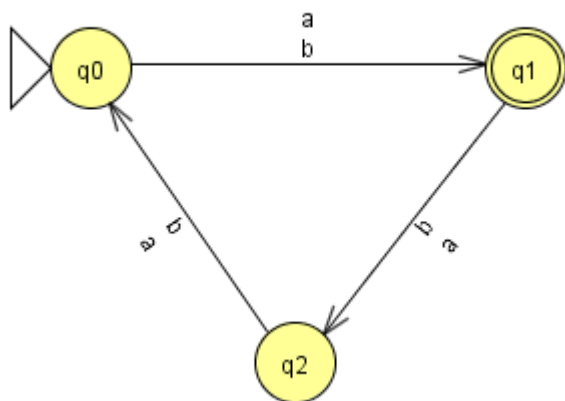
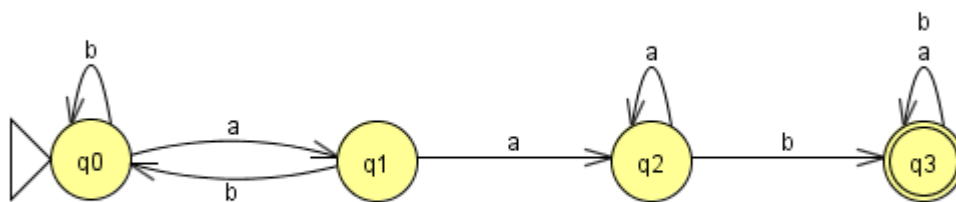


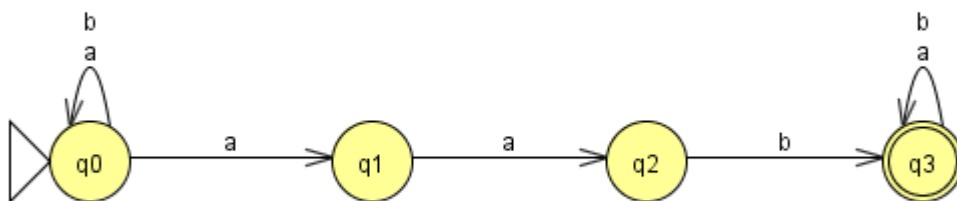
1. DFA: $|w|=3k+1$; w je z $\{a,b\}^*$ (vysvetlene na prednaske)



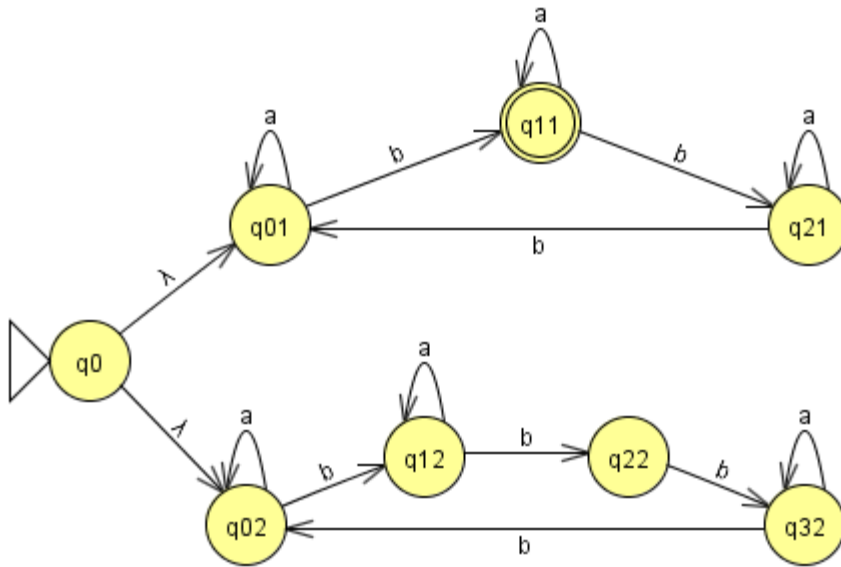
DFA: w obsahuje podslovo aab



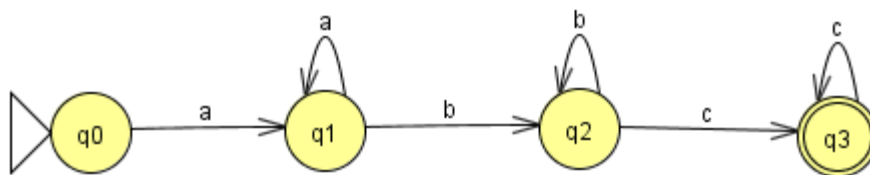
NFA: w obsahuje podslovo aab



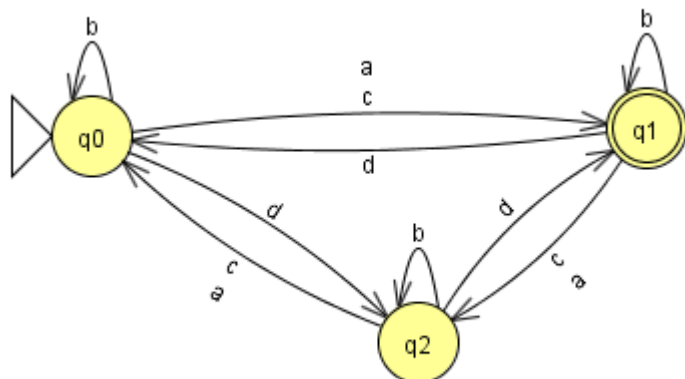
NFA: zjednotenie



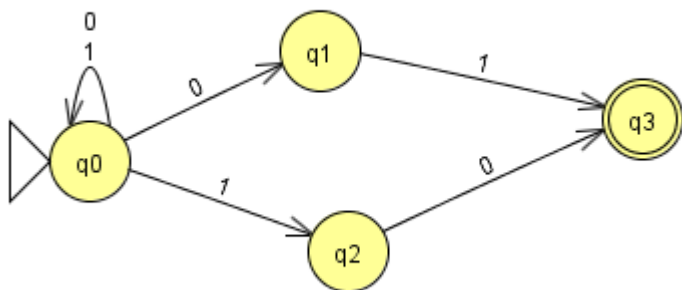
DFA, NFA: $a^i b^j c^k$; i, j, k je z N alebo i, j, k je z N^+ ; diskusia ako zdôrazniť záchytné stavy



DFA: $\#_c w + \#_d w = 3k+1$; $w \in \{a, b, c, d\}^*$ -->> zdoraznit konstrukciu roznych variant m.#_a w + n.#_b w - p.#_c w = alfa.k+beta urobte rozne priklady (vysvetlene na prednaske)



NFA: w má práve jednu 0 na posledných dvoch miestach ; $w \in \{0, 1\}^*$



w zacina aj konci tym istym pismenom, w patri $\{a,b\}^*$, $G \rightarrow \text{NKA} \rightarrow \text{DKA}$

$G=(N,T,P,S)$

$N=\{S,T,U\}$

$T=\{a,b\}$

P:

$S \rightarrow aTa \mid bTb$

$T \rightarrow aT \mid bT \mid \varepsilon$

$G=(N,T,P,S)$

$N=\{S,T,U\}$

$T=\{a,b\}$

P:

$S \rightarrow aT \mid bU$

$T \rightarrow aT \mid bT \mid a$

$U \rightarrow aU \mid bU \mid b$

