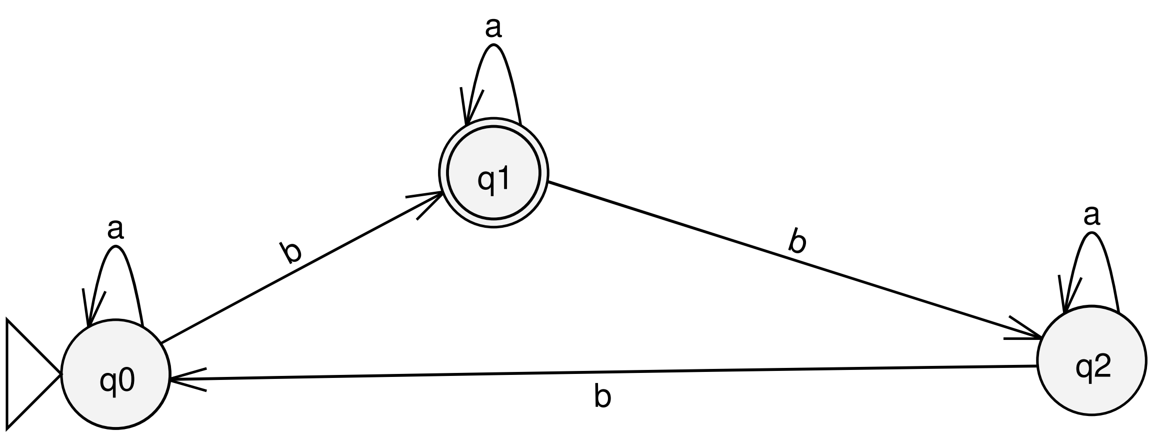

a
q1
a
b
b
a
q0
q2
b