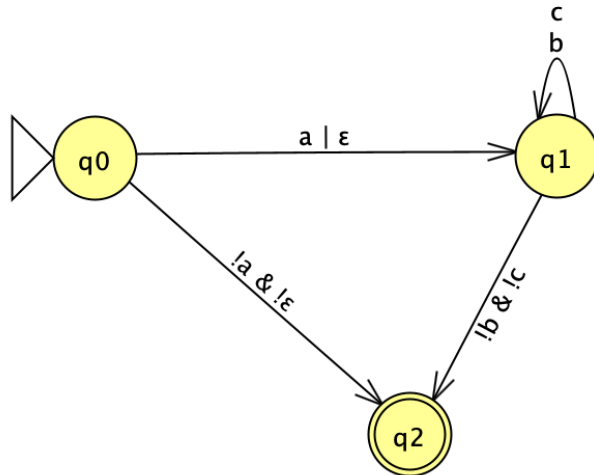
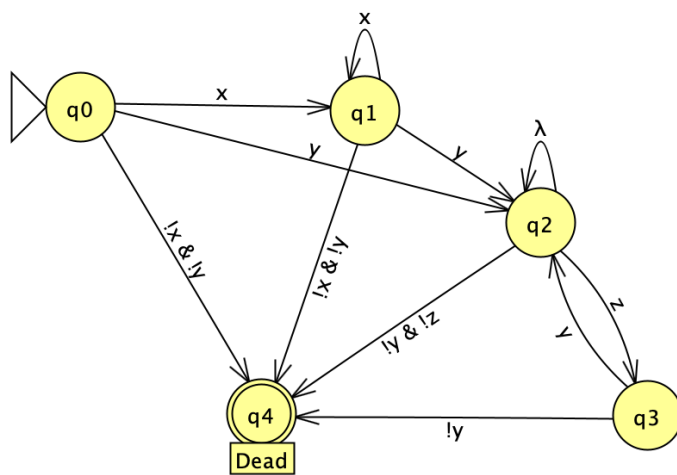


Question 1
 $b^*a[ab^*]$

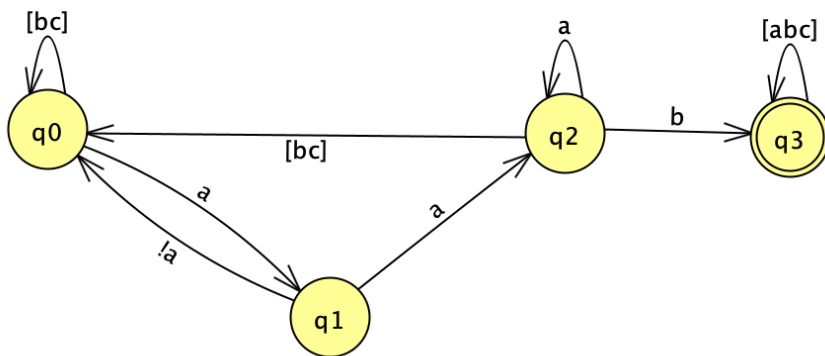
Question 2



Question 3



Question 4



Question 5

Current State	a	b
s0	s0	s1
s1	s2	s2
s2	s1	s0

