

TME 1

Exercise 1

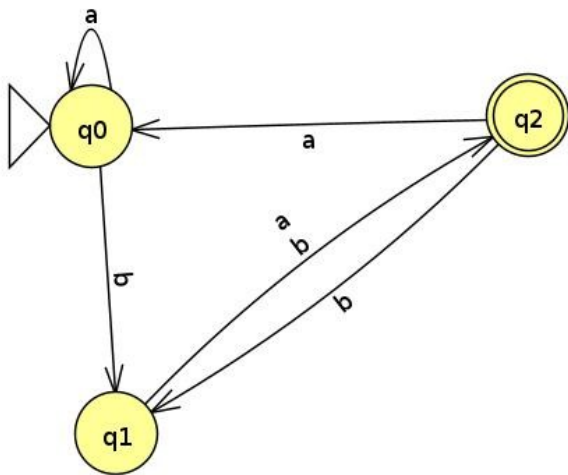
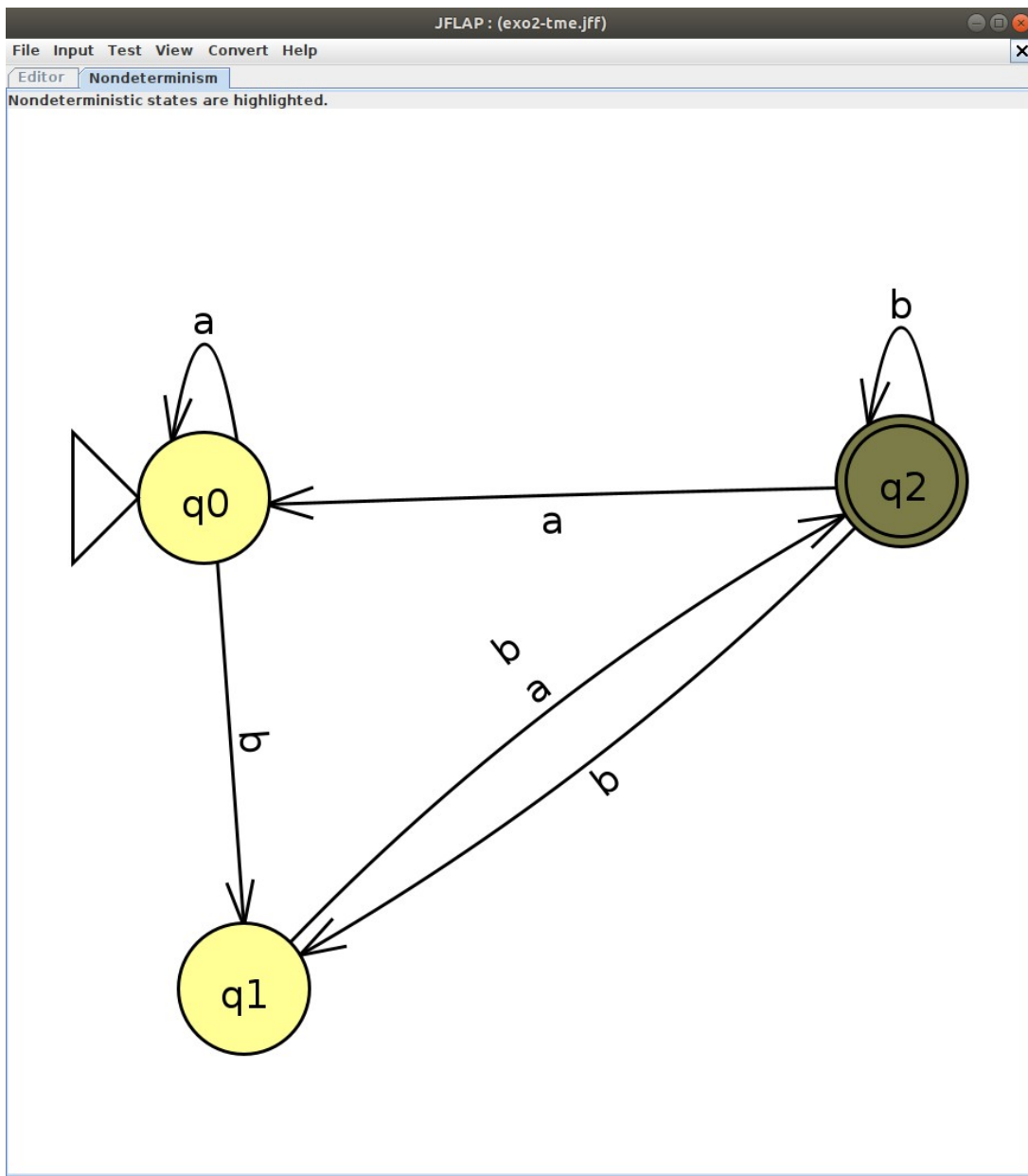
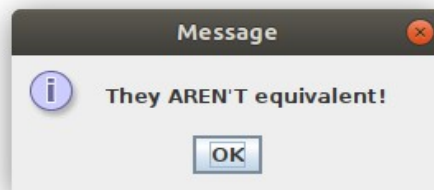
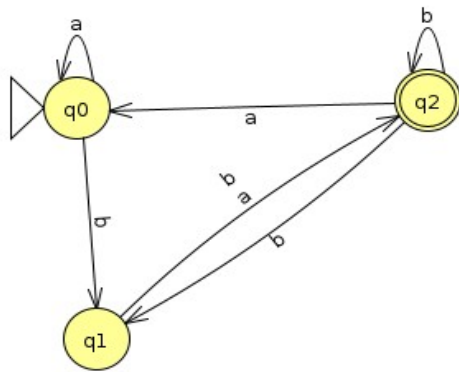


Table Text Size

Input	Result
ba	Accept
babb	Accept
aaabab	Reject
aaababa	Accept
abaabb	Accept
abaabaaab	Reject

[Load Inputs](#) [Run Inputs](#) [Clear](#) [Enter Lambda](#) [View Trace](#)

exercice2



Traceback

q0 ababbba
q0 ababbba
q1 ababbba
q2 ababbba
q1 ababbba
q2 ababbba
q2 ababbba
q0 ababbba

Traceback

q0 ababbba
q0 ababbba
q1 ababbba
q2 ababbba
q2 ababbba
q2 ababbba
q0 ababbba

Traceback

q0 ababbba
q0 ababbba
q1 ababbba
q2 ababbba
q1 ababbba
q2 ababbba
q1 ababbba
q2 ababbba

Traceback

q0 ababbba
q0 ababbba
q1 ababbba
q2 ababbba
q2 ababbba
q1 ababbba
q2 ababbba

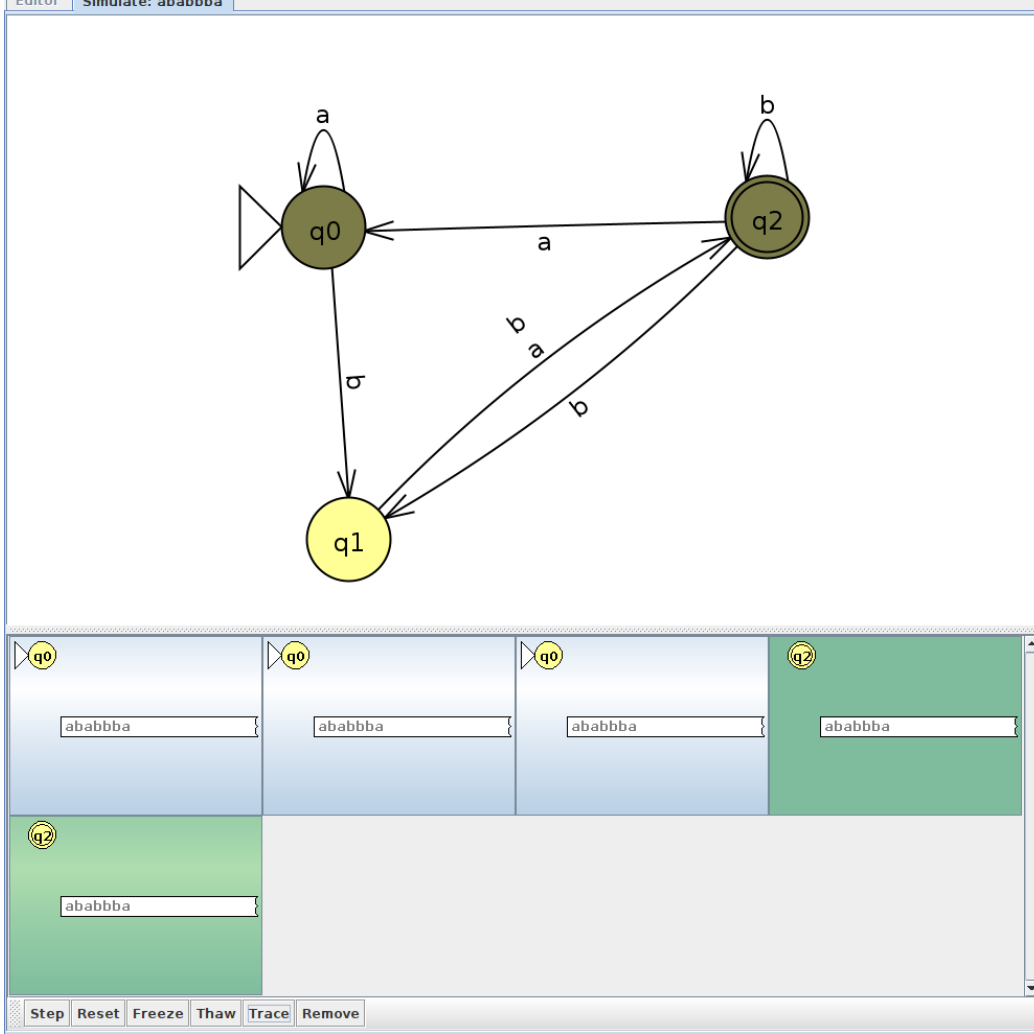
Traceback

q0 ababbba
q0 ababbba
q1 ababbba
q2 ababbba
q2 ababbba
q1 ababbba
q2 ababbba

JFLAP : (exo2-tme.jff)

File Input Test View Convert Help

Editor Simulate: ababbba



Step

Reset

Freeze

Thaw

Trace

Remove

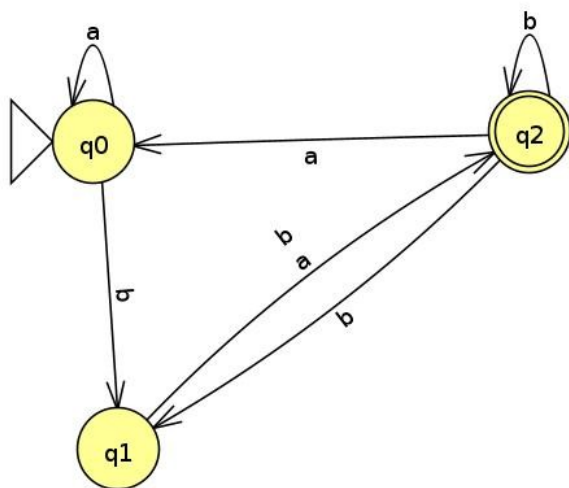


Table Text Size

Input	Result
ba	Accept
babb	Accept
aaabab	Accept
aaababa	Accept
abaabb	Accept
abaabaaab	Reject

Load Inputs Run Inputs Clear Enter Lambda View Trace

exercice 3
1.

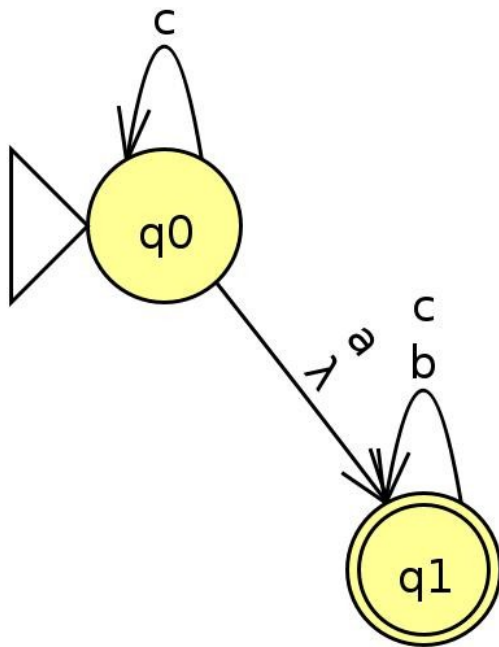


Table Text Size	
Input	Result
a	Accept
ab	Accept
ca	Accept
cab	Accept
acc	Accept

Load Inputs	Run Inputs	Clear	Enter Lambda	View Trace
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2.

```
graph LR; start(( )) --> q0((q0)); q0 -- c --> q0; q0 -- a --> q1((q1)); q1 -- b --> q1; q1 -- a --> q0; q0 -- e --> q2(((q2))); q1 -- d --> q2; q2 -- c --> q2;
```

Table Text Size

Input	Result
abbbbccccccabcaabc	Accept
aabc	Accept
abbbcccbababc	Accept
abbcbcbcbcababc	Accept
abbbcccbcccababbbcccababc	Accept

Load Inputs Run Inputs Clear Enter Lambda View Trace

3.

```
graph LR; start(( )) --> q0((q0)); q0 -- c --> q0; q0 -- a --> q1(((q1))); q1 -- a --> q0; q1 -- b --> q1;
```

Table Text Size

Input	Result
aaabbbccbc	Accept
abcbcbabb	Reject
bababababbbaccc	Accept
aaa	Accept
aa	Reject
abbbbbaa	Accept
baabbbccaabaaaa	Reject
aabbbbccc	Reject

Load Inputs Run Inputs Clear Enter Lambda View Trace

4.

```
graph LR; start(( )) --> q0((q0)); q0 -- a --> q0; q0 -- ab --> q1(((q1))); q1 -- a --> q1; q0 -- b --> q0; q1 -- b --> q1; q0 -- c --> q1;
```

Table Text Size

Input	Result
ab	Accept
abccccc	Accept
accccbaaaccc	Reject
abc	Accept

Load Inputs Run Inputs Clear Enter Lambda View Trace

5.

```

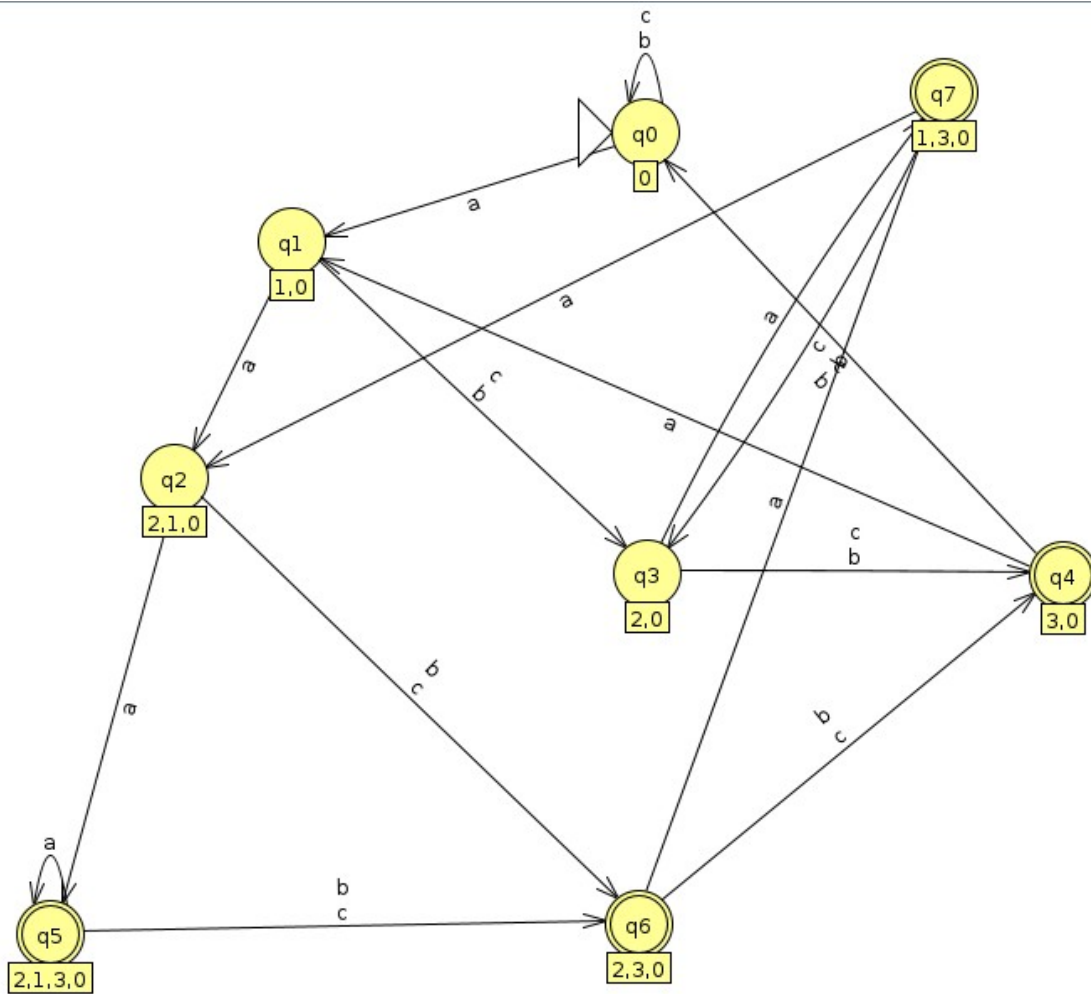
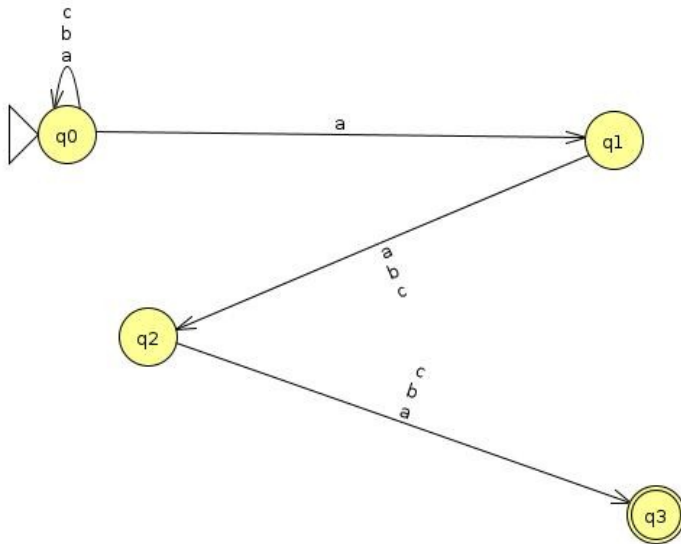
graph LR
    start(( )) --> q0((q0))
    q0 -- c --> q0
    q0 -- b --> q0
    q0 -- a --> q0
    q0 -- ab --> q1((q1))
    q1 -- c --> q1
    q1 -- a --> q1
    q1 -- b --> q2(((q2)))
    q2 -- b --> q2
    q2 -- c --> q1
    q2 -- a --> q1
  
```

Table Text Size

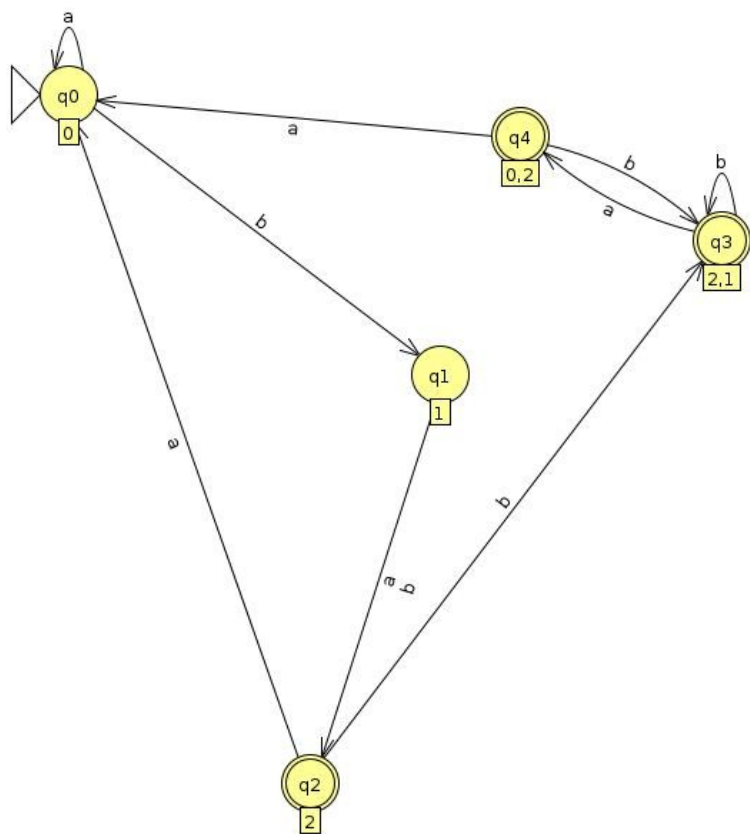
Input	Result
aaaabcaacccb	Accept
abb	Accept
ab	Accept
aaabbbbccccbbcca	Reject
aaabbbbababbbb	Accept
acccccccb	Reject

Load Inputs
Run Inputs
Clear
Enter Lambda
View Trace

exercice 4

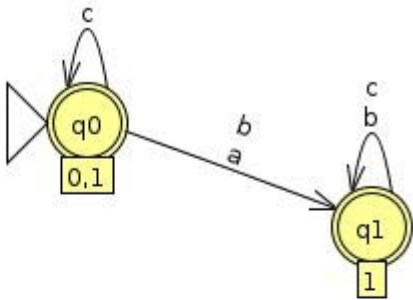


exercice 5

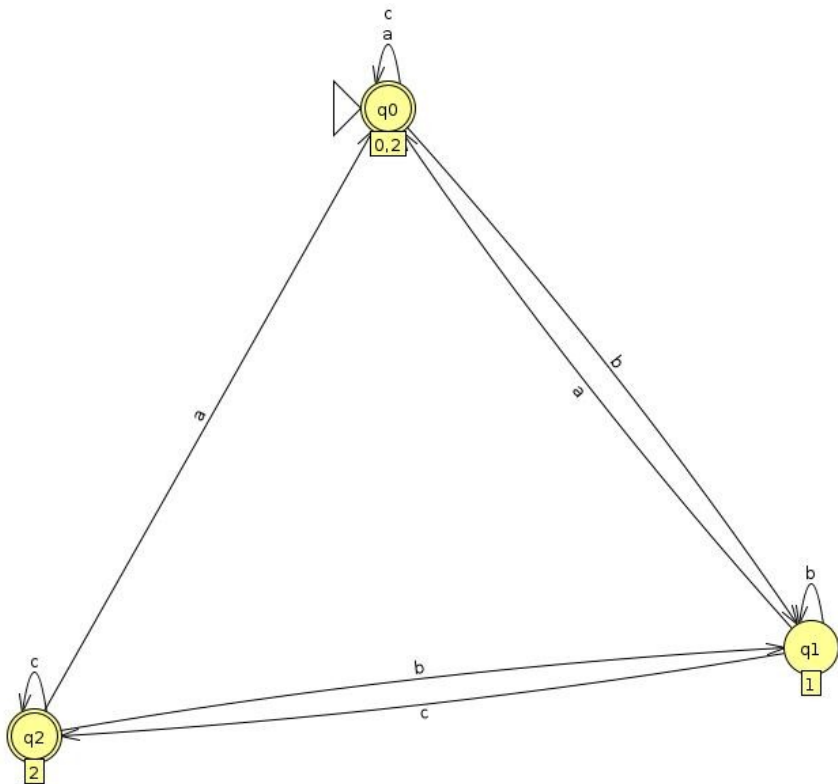


exercice 6

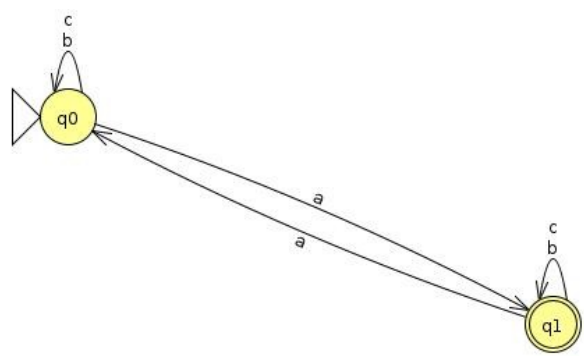
1.



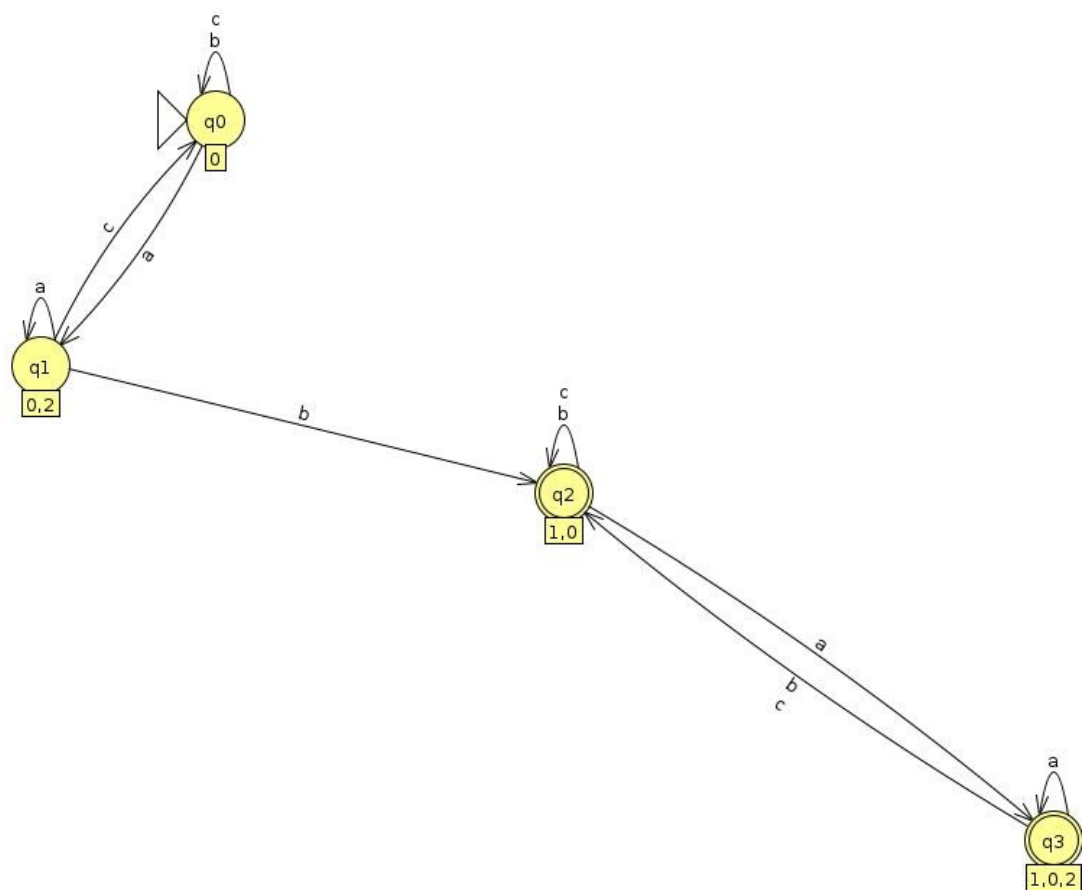
2.



3.



4.



5.

