TME 1

Exercice 1

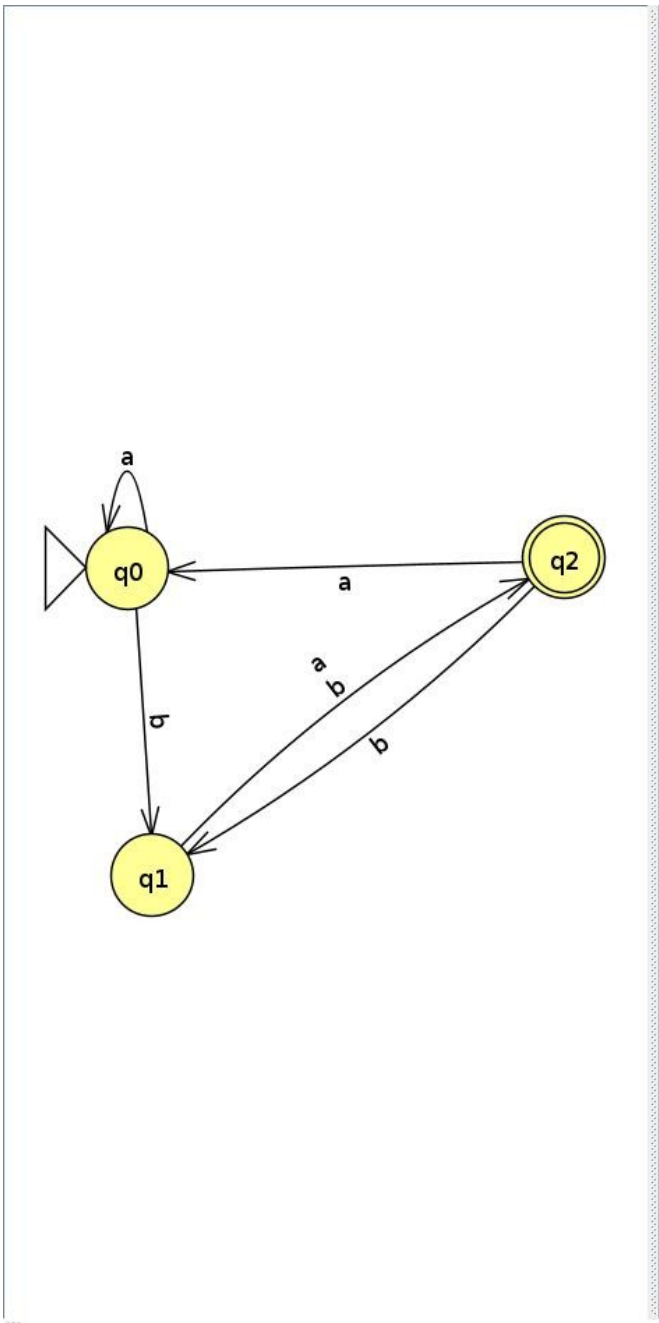
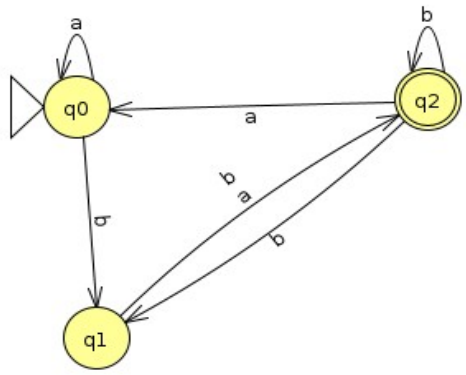


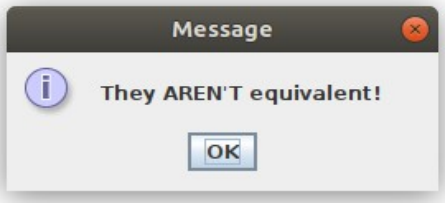
Table Text Size

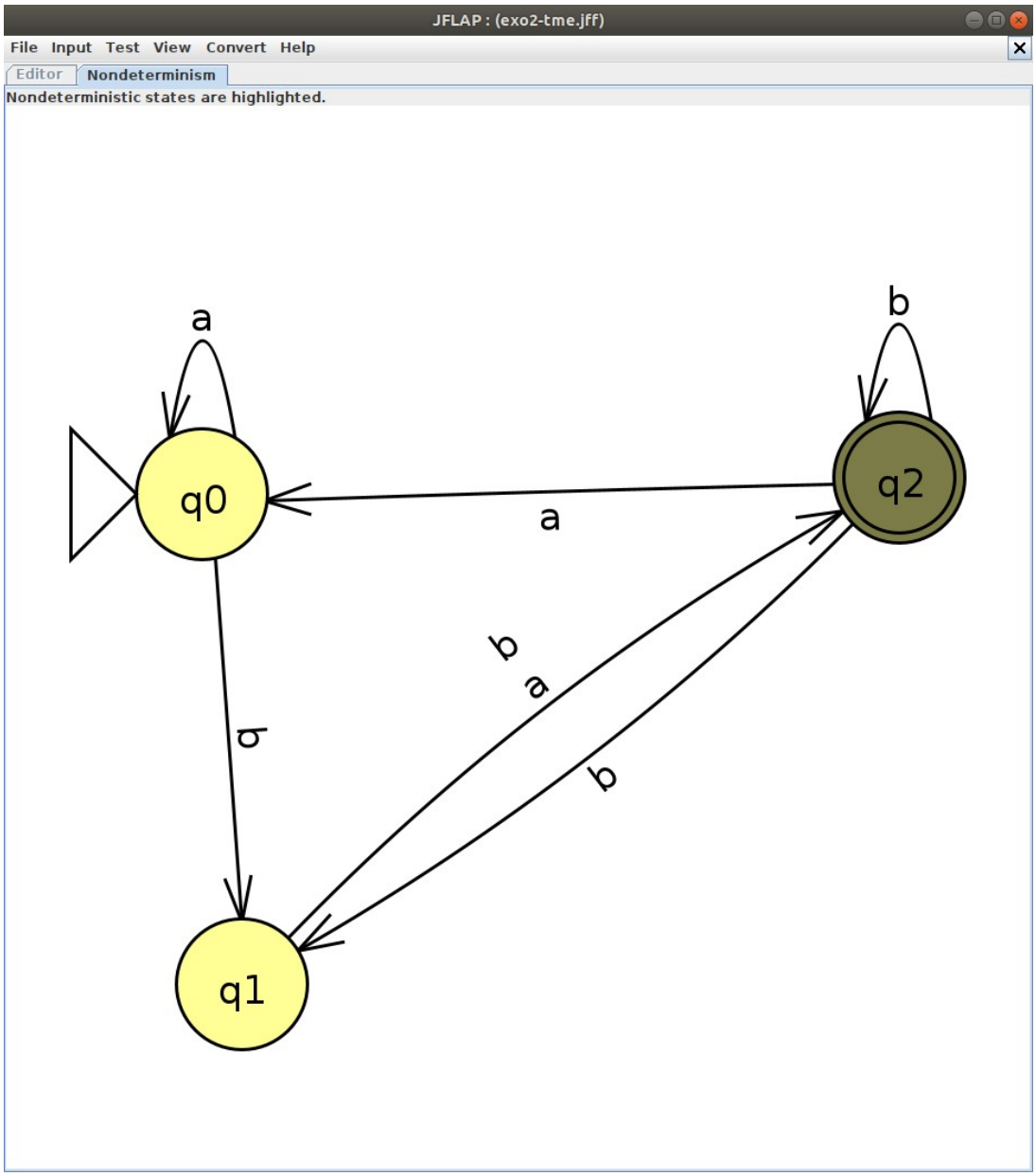
Input	Result
ba	Accept
babb	Accept
aaabab	Reject
aaababa	Accept
abaabb	Accept
abaabaaab	Reject

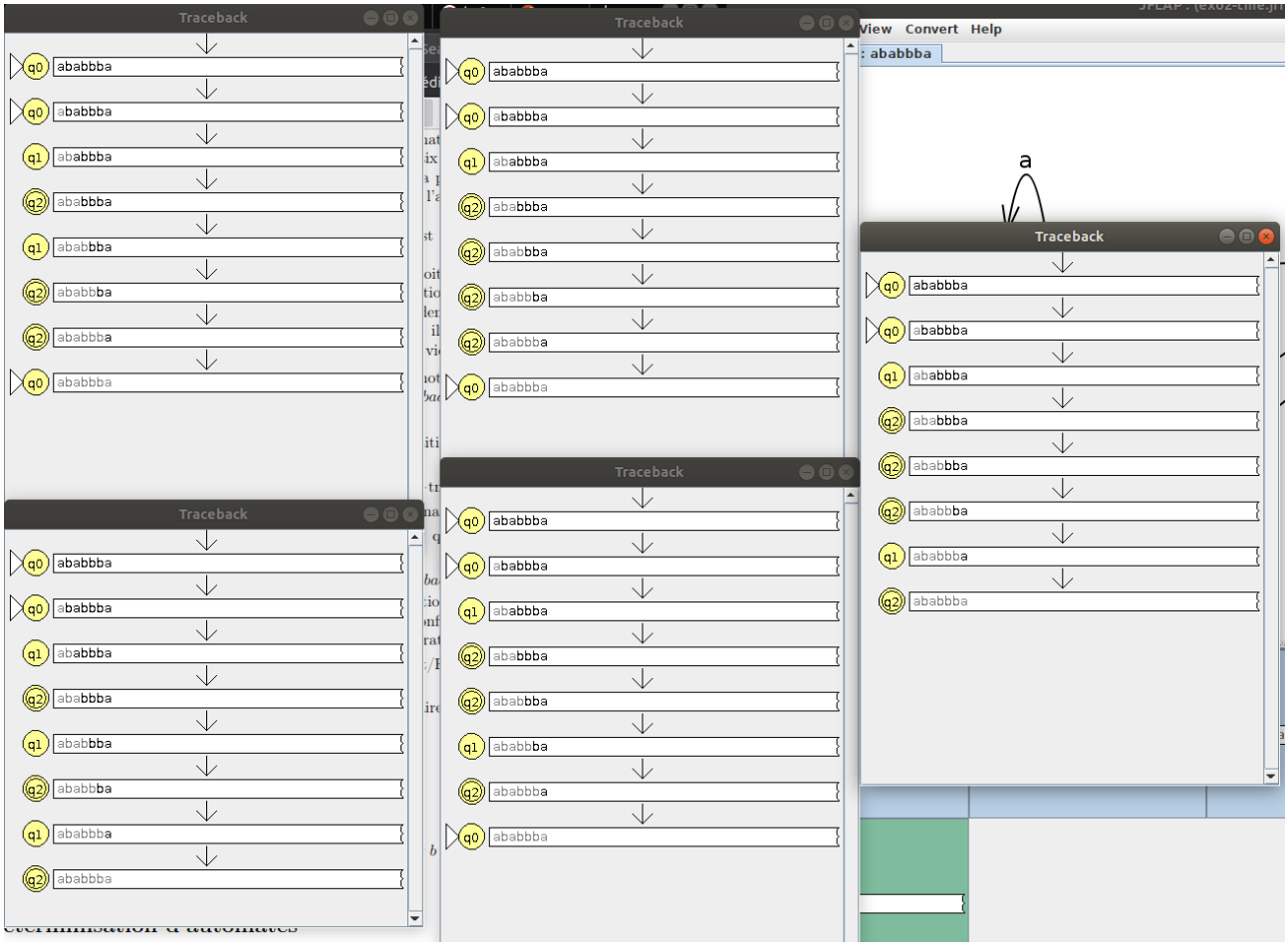
Load Inputs | Run Inputs | Clear | Enter Lambda | View Trace

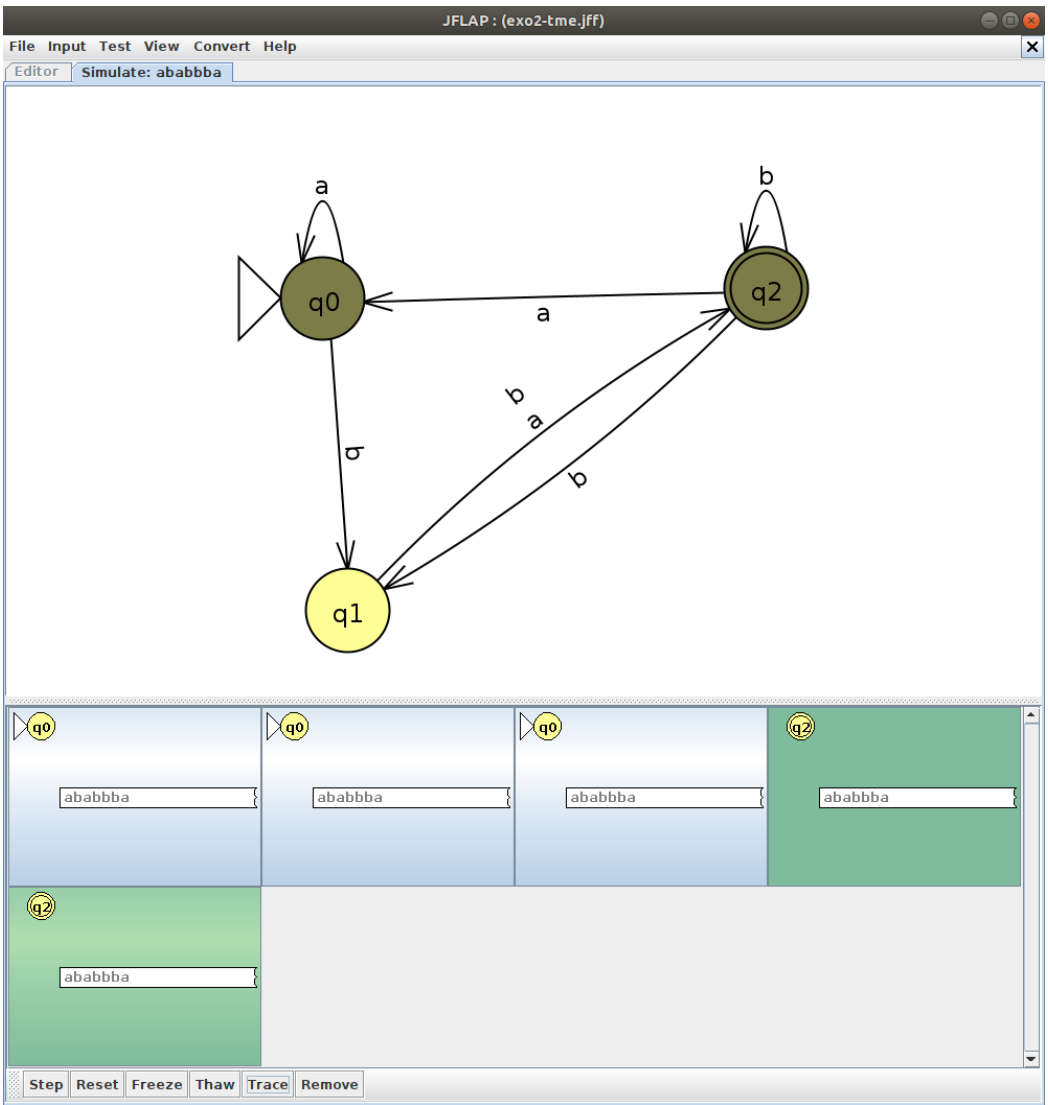
exercice2


a
b
q0
q2
a
b
a
b
q1


Message
They AREN'T equivalent!
OK


JFLAP : (exo2-tme.jff)
File Input Test View Convert Help
Editor Nondeterminism
Nondeterministic states are highlighted.
a
b
q0
q2
a
b
a
b
q1


Traceback
Traceback
Traceback
Traceback
Traceback
View Convert Help
: ababbba
a
q0 ababbba
q0 abababba
q1 ababbba
q2 ababbba
q1 abababba
q2 abababba
q2 ababbba
q0 ababbba


JFLAP : (exo2-tme.jff)
File Input Test View Convert Help
Editor
Simulate: ababbba
a
b
q0
q2
q1
a
b
a
b
a
ababbba
Step
Reset
Freeze
Thaw
Trace
Remove

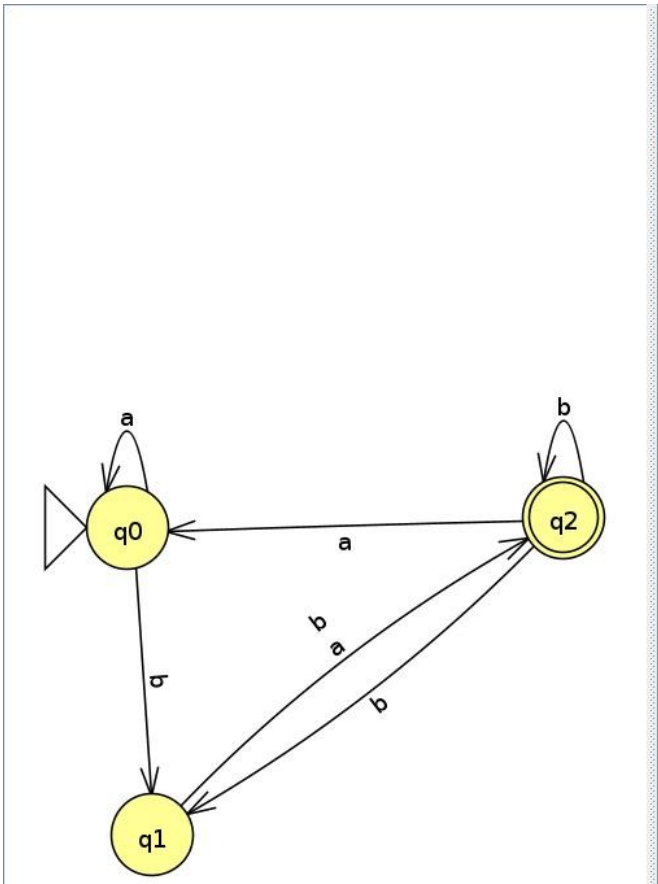


Table Text Size

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.

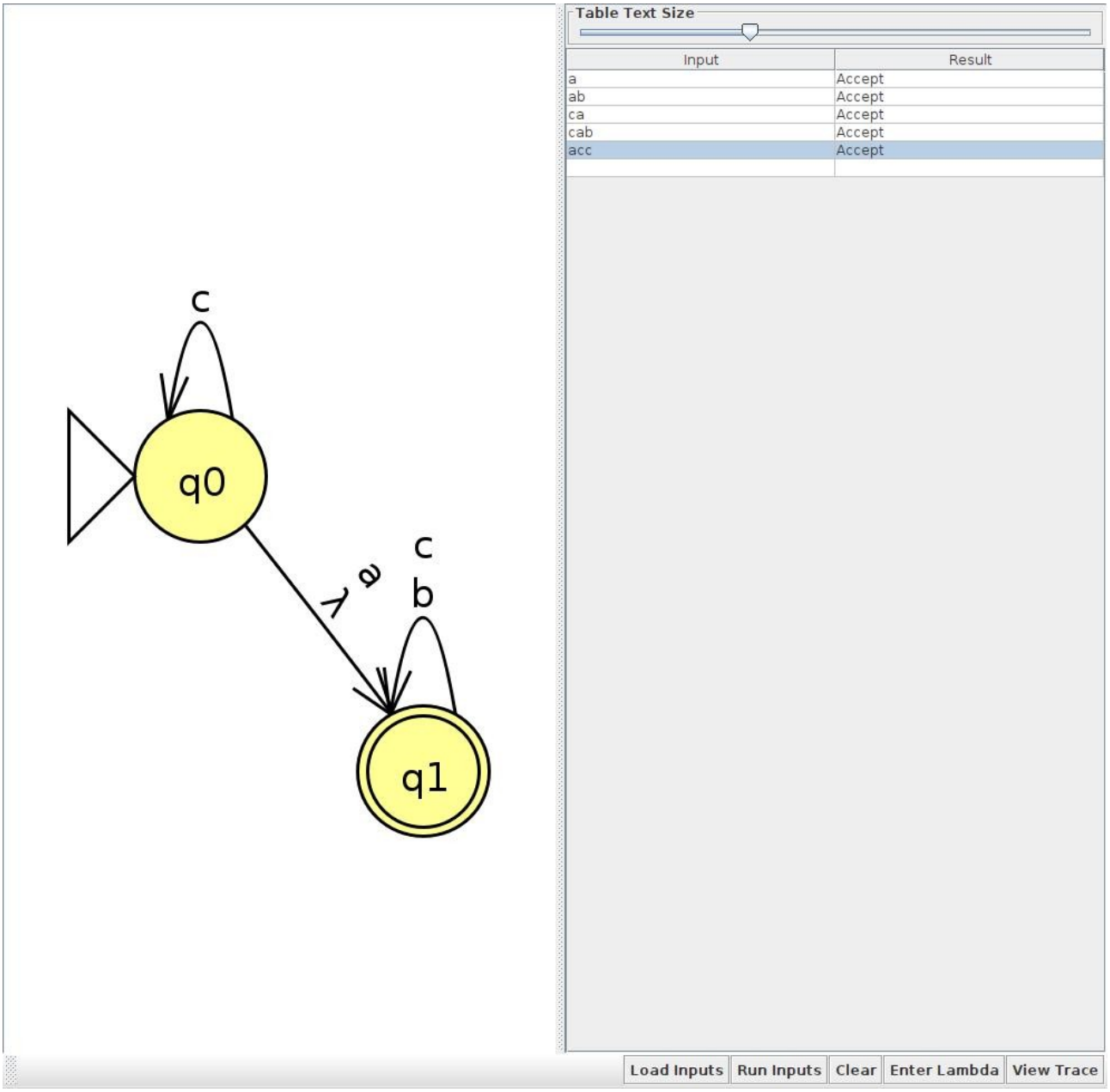
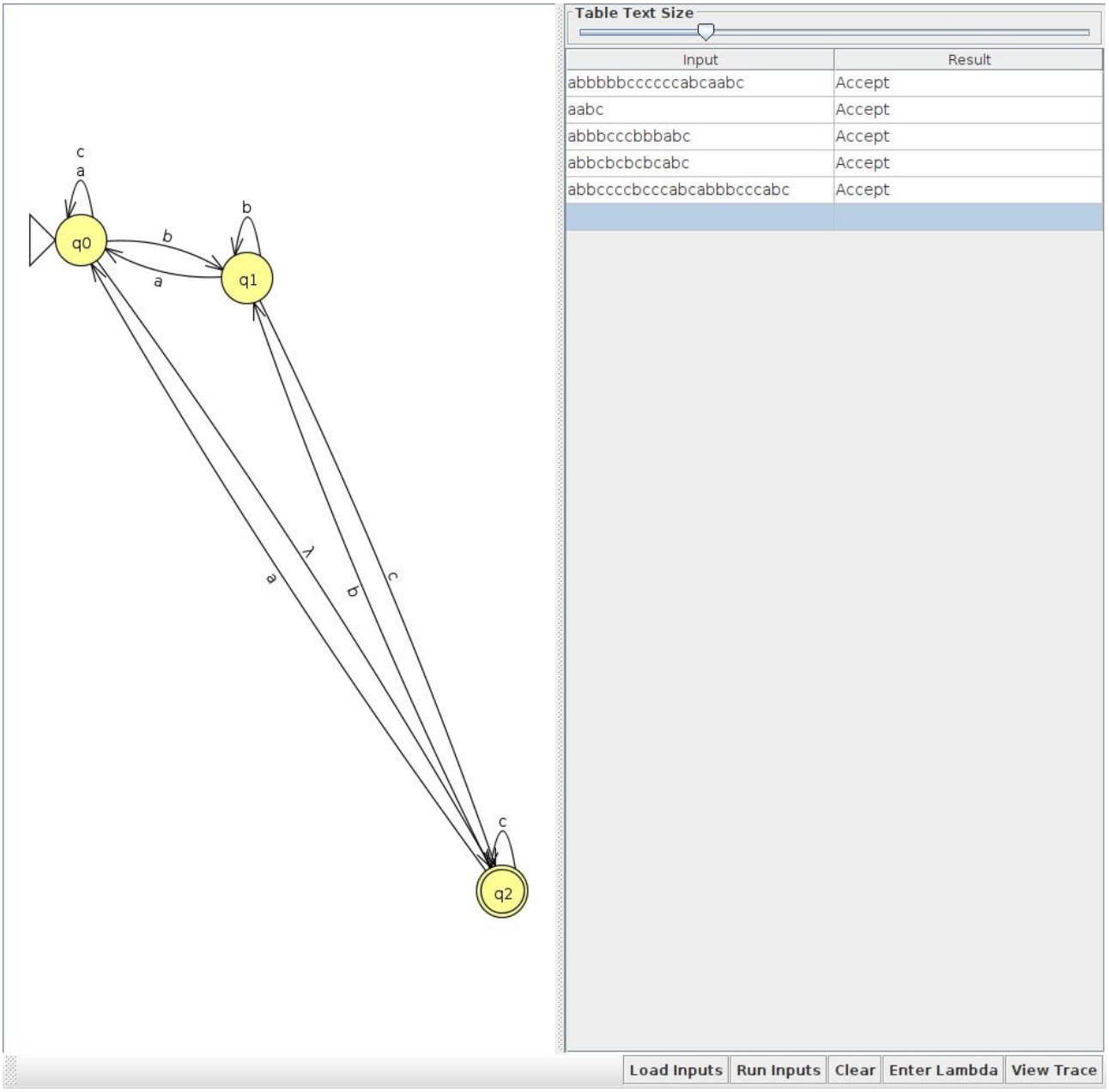


Table Text Size
Input
Result
a
Accept
ab
Accept
ca
Accept
cab
Accept
acc
Accept
c
q0
λ
a
c
b
q1
Load Inputs
Run Inputs
Clear
Enter Lambda
View Trace

2.


c
a
b
q0
b
a
q1
b
λ
a
b
c
c
q2
Table Text Size
Input
Result
abbbbbccccccabcaabc
Accept
aabc
Accept
abbbcccbbbabc
Accept
abbcbcbcbcabc
Accept
abbccccbcccabcabbbcccabc
Accept
Load Inputs
Run Inputs
Clear
Enter Lambda
View Trace

3.

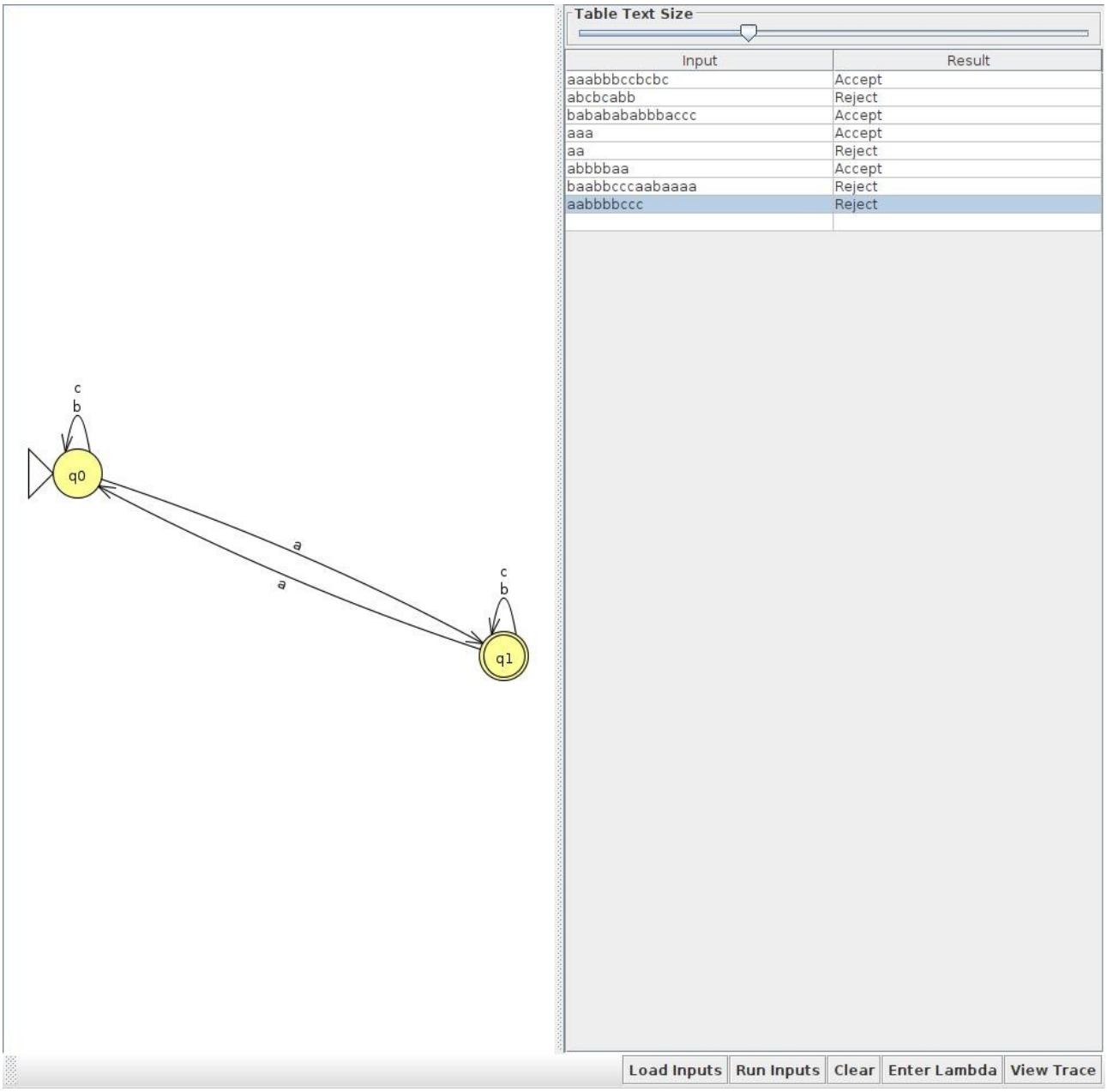


Table Text Size
Input
Result
aaabbbccbcbc
Accept
abcbcabb
Reject
babababababbaccc
Accept
aaa
Accept
aa
Reject
abbbbaa
Accept
baabbcccaabaaaa
Reject
aabbbbccc
Reject
c
b
q0
a
a
c
b
q1
Load Inputs
Run Inputs
Clear
Enter Lambda
View Trace

4.

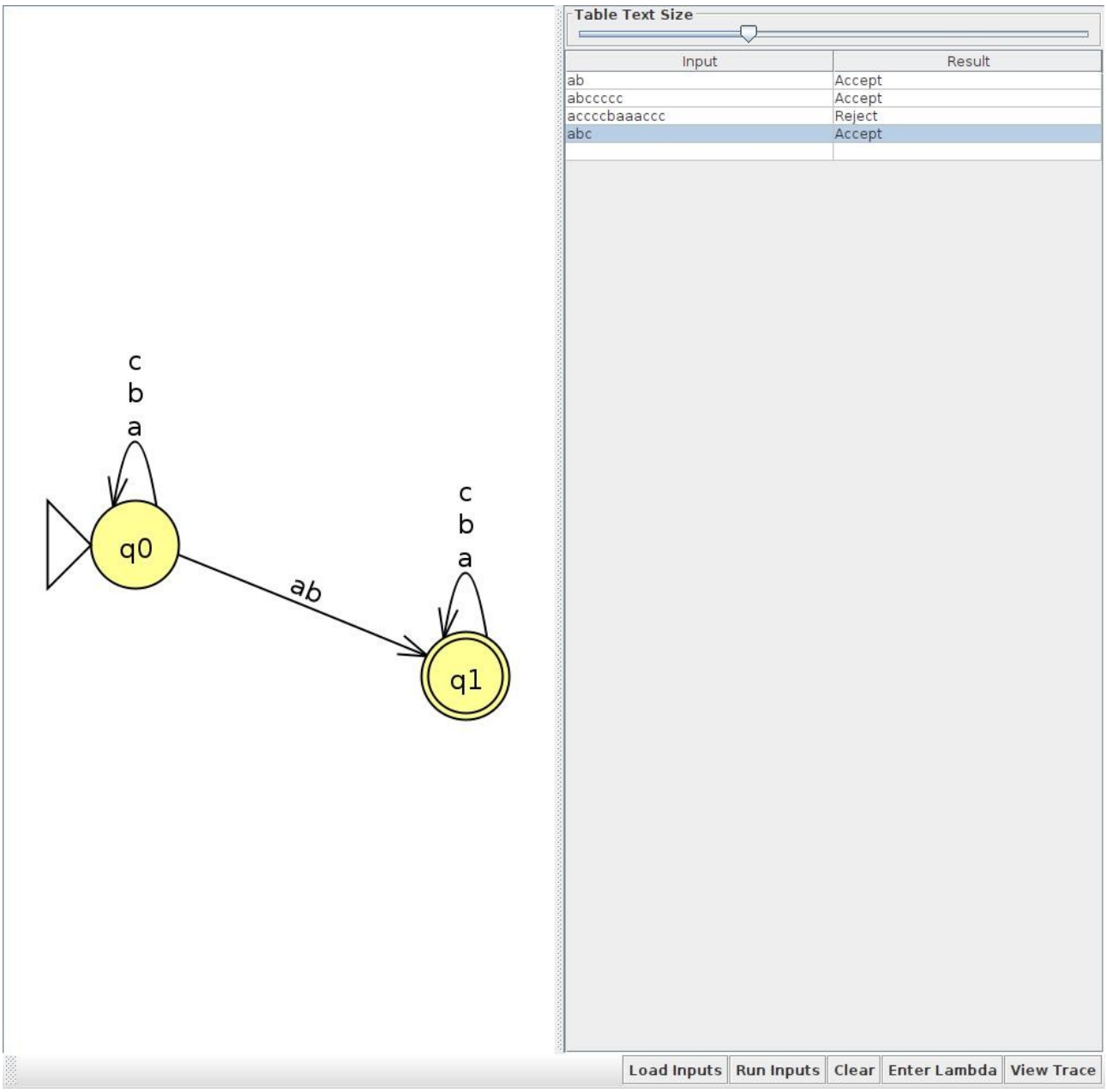


Table Text Size
Input
Result
ab
Accept
abccccc
Accept
accccbaaaccc
Reject
abc
Accept
c
b
a
q0
ab
c
b
a
q1
Load Inputs
Run Inputs
Clear
Enter Lambda
View Trace

5.

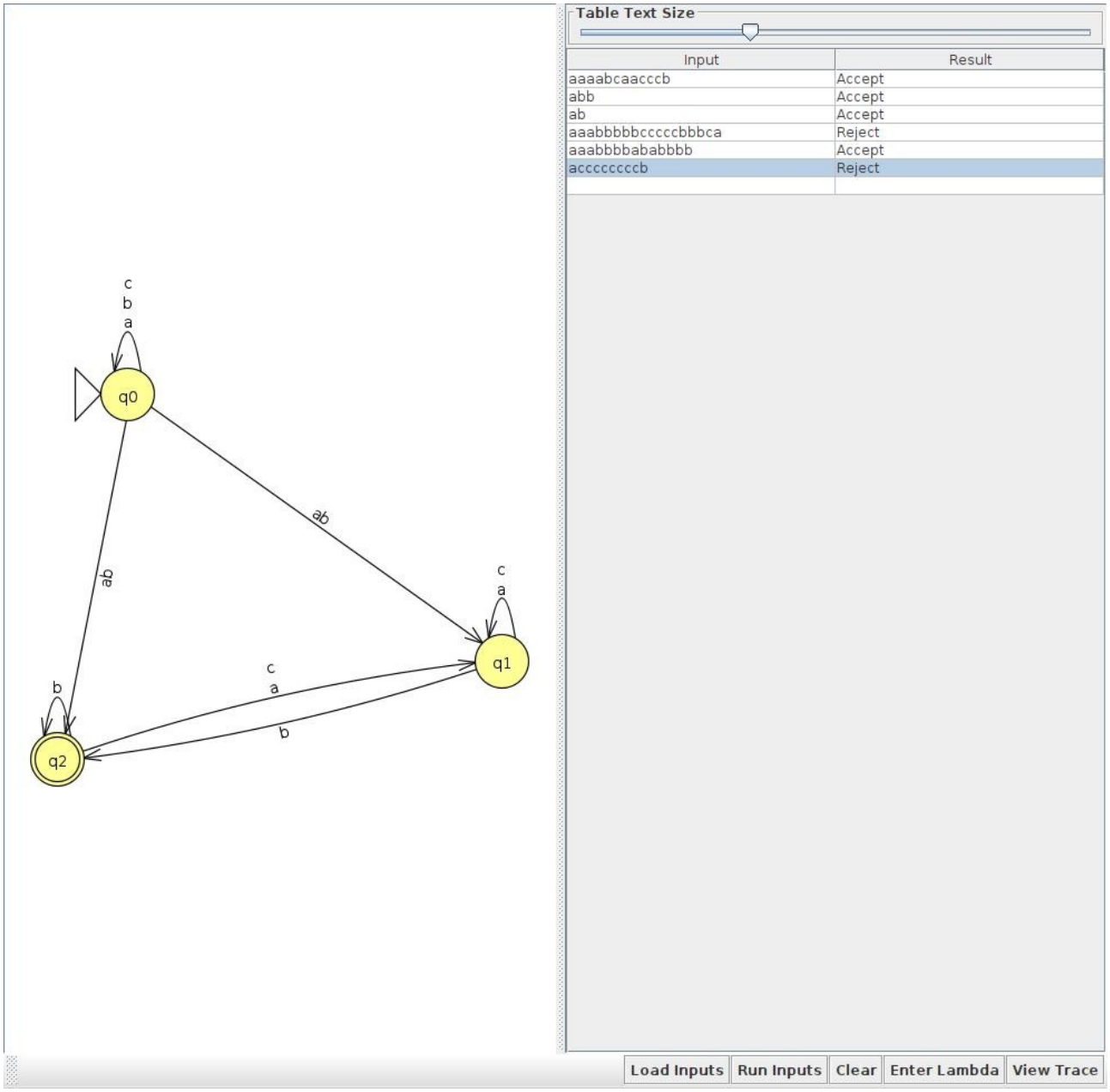


Table Text Size
Input
Result
aaaabcaacccb
Accept
abb
Accept
ab
Accept
aaabbbbbccccbbbca
Reject
aaabbbbababbbb
Accept
acccccccb
Reject
c
b
a
q0
ab
ab
c
a
q1
c
a
b
b
q2
Load Inputs
Run Inputs
Clear
Enter Lambda
View Trace