

Accept Case:

String: aabbaa

```
$ python3 traceNTM_ekoran.py test-files/check_abPalindrome_DTM_ekoran.csv aabbaa 100
Deterministic Turing Machine Info:
  Machine Name: "{w | w=w^r, where w^r is the reverse, aka palindrome} Deterministic"
    States: q0, q1, q2, q3, q4, q5, qacc, qrej
    Sigma: a, b
    Gamma: a, b, _, x
  Start State: q0
  Accept State: qacc
  Reject State: qrej
Input String: aabbaa
Transitions Simulated: 28
String accepted in 28 steps:
  q0 aabbaa_
  x q1 abbaa_
  xa q1 bbaa_
  xab q1 baa_
  xabb q1 aa_
  xabba q1 a_
  xabbaa q1 _
  xabba q2 a_
  xabb q3 a_
  xab q3 ba_
  xa q3 bba_
  x q3 abba_
  q3 xabba_
  x q0 abba_
  xx q1 bba_
  xxb q1 ba_
  xxbb q1 a_
  xxbba q1 _
  xxbb q2 a_
  xxb q3 b_
  xx q3 bb_
  x q3 xbb_
  xx q0 bb_
  xxx q4 b_
  xxxb q4 _
  xxx q5 b_
  xx q3 x_
  xxx q0 _
  xxx_ qacc _
Degree of Nondeterminism: 1.0
```

Reject Case:

String: aabbaab

```
$ python3 traceNTM_ekoran.py test-files/check_abPalindrome_DTM_ekoran.csv aabbaab 100
Deterministic Turing Machine Info:
  Machine Name: "{w | w=w^r, where w^r is the reverse, aka palindrome} Deterministic"
    States: q0, q1, q2, q3, q4, q5, qacc, qrej
    Sigma: a, b
    Gamma: a, b, _, x
  Start State: q0
  Accept State: qacc
  Reject State: qrej
Input String: aabbaab
Transitions Simulated: 10
String rejected in 10 steps
Degree of Nondeterminism: 1.0
```