Accept Cases:

1. String: aaabbbccc

```
$ python3 traceNTM_ekoran.py test-files/check_abc_star_ekoran.csv aaabbbccc 100
Nondeterministic Turing Machine Info:
    Machine Name: a*b*c* Nondeterministic
          States: q1, q2, q3, q4, qacc, qrej
           Sigma: a, b, c
           Gamma: a, b, c_
     Start State: q0
    Accept State: qacc
    Reject State: qrej
Input String: aaabbbccc
Transitions Simulated: 43
String accepted in 10 steps:
    q0 aaabbbccc_
    a q0 aabbbccc_
    aa q0 abbbccc_
    aaa q0 bbbccc_
    aaab q1 bbccc_
    aaabb q1 bccc_
    aaabbb q2 ccc_
    aaabbbc q2 cc_
    aaabbbcc q2 c_
    aaabbbccc q3 _
    aaabbbccc_ qacc
Degree of Nondeterminism: 4.0
Nondeterminism Summary:
    Level     # Configs     # Outgoing Transitions     # NonLeaves     Transitions/NonLeaves
      0           1                    4                     1                   4.0
      1           4                    4                     1                   4.0
      2           4                    4                     1                   4.0
      3           4                    6                     2                   3.0
      4           6                    6                     2                   3.0
      5           6                    6                     2                   3.0
      6           6                    4                     2                   2.0
      7           4                    4                     2                   2.0
      8           4                    4                     2                   2.0
      9           4                    1                     2                   0.5
     10           1                    0                     0                     0
```

2. String: aaabbc

```
$ python3 traceNTM_ekoran.py test-files/check_abc_star_DTM_ekoran.csv aaabbc 100
Deterministic Turing Machine Info:
    Machine Name: a*b*c* Deterministic
          States: q1, q2, q3, q4, qacc, qrej
           Sigma: a, b, c
           Gamma: a, b, c_
     Start State: q0
    Accept State: qacc
    Reject State: qrej
Input String: aaabbc
Transitions Simulated: 7
String accepted in 7 steps:
    q0 aaabbc_
    a q1 aabbc_
    aa q1 abbc_
    aaa q1 bbc_
    aaab q2 bc_
    aaabb q2 c_
    aaabbc q3 _
    aaabbc_ qacc
Degree of Nondeterminism: 1.0
```

3. String: bbbc

```
$ python3 traceNTM_ekoran.py test-files/check_abc_star_DTM_ekoran.csv bbbc 100
Deterministic Turing Machine Info:
    Machine Name: a*b*c* Deterministic
          States: q1, q2, q3, q4, qacc, qrej
           Sigma: a, b, c
           Gamma: a, b, c_
    Start State: q0
    Accept State: qacc
    Reject State: qrej
Input String: bbbc
Transitions Simulated: 5
String accepted in 5 steps:
    q0 bbbc_
    b q2 bbc_
    bb q2 bc_
    bbb q2 c_
    bbbc q3 _
    bbbc_ qacc
Degree of Nondeterminism: 1.0
```

Reject Cases:

1. String: abca

```
$ python3 traceNTM_ekoran.py test-files/check_abc_star_DTM_ekoran.csv abca 100
Deterministic Turing Machine Info:
    Machine Name: a*b*c* Deterministic
          States: q1, q2, q3, q4, qacc, qrej
           Sigma: a, b, c
           Gamma: a, b, c_
    Start State: q0
    Accept State: qacc
    Reject State: qrej
Input String: abca
Transitions Simulated: 4
String rejected in 4 steps
Degree of Nondeterminism: 1.0
```