```
mdunn25@student05:~/Theory_of_Computing/Project1-TOC$ uv run main.py input/aplus.csv "aaa"
Tracing NTM: a_plus on input 'aaa'
The String aaa is accepted!
Depth: 5
Transitions: 8

Level: 0
 q0 $aaa_
Level: 1
$ q1 aaa_
Level: 2
$a q1 aa_
Level: 3
$aa q1 a_
Level: 4
$aaa q2 _
Level: 5
$aa q3 a_
mdunn25@student05:~/Theory_of_Computing/Project1-TOC$
```

```
mdunn25@student05:~/Theory_of_Computing/Project1-TOC$ uv run main.py input/composite.csv "111111"
Tracing NTM: Composite Test on input '111111'
The String 111111 is accepted!
Depth: 28
Transitions: 103

Level: 0
 s0 $111111_
Level: 1
$ s1 111111_
Level: 2
$B s2 11111_
Level: 3
$BA s3 1111_
Level: 4
$B s4 A1111_
Level: 5
$ s4 BA1111_
Level: 6
$_ s5s A1111_
Level: 7
$_A s5s 1111_
Level: 8
$_ s6 AB111_
Level: 9
$ s6 _AB111_
Level: 10
$_ s7 AB111_
Level: 11
$__ s5x B111_
Level: 12
$__B s5x 111_
Level: 13
$__ s6 BA11_
Level: 14
$_ s6 _BA11_
Level: 15
$__ s7 BA11_
Level: 16
$___ s5s A11_
Level: 17
$__A s5s 11_
Level: 18
$___ s6 AB1_
Level: 19
$__ s6 _AB1_
Level: 20
$___ s7 AB1_
Level: 21
$____ s5x B1_
Level: 22
$___B s5x 1_
Level: 23
$____ s6 BA_
Level: 24
$___ s6 _BA_
Level: 25
$____ s7 BA_
Level: 26
$_____ s5s A_
Level: 27
$_____A s5s _
Level: 28
$_____ saccept A_
```

```
mdunn25@student05:~/Theory_of_Computing/Project1-TOC$ uv run main.py input/palindrome.csv "abababa"
Tracing NTM: Pallindrome Test on input 'abababa'
The String abababa is accepted!
Depth: 13
Transitions: 18

Level: 0
 s0 $abababa_
Level: 1
$ s0 abababa_
Level: 2
$_ s1 bababa_
Level: 3
$_b s1 ababa_
Level: 4
$_ba s1 baba_
Level: 5
$_bab s1 aba_
Level: 6
$_baba s1 ba_
Level: 7
$_babab s1 a_
Level: 8
$_bababa s1 _
Level: 9
$_babab s3 a_
Level: 10
$_baba s0 b__
Level: 11
$_baba_ s2 __
Level: 12
$_baba s3 ___
Level: 13
$_baba sacc ___
```