

Regular Expression Used: 0^+1^+

NFA Produced:

State	0	1	eps	Accepting State
0	1			No
1			0 3	No
2			0 3	No
3			9	No
4		5		No
5			4 7	No
6			4 7	No
7			9	No
8			2 6	No
9				Yes

The start state is:8

DFA Produced:

STATE	0	1	Accepting State
0	1	2	1
1	1	3	1
2	3	2	1
3	3	3	0

The start state is: 0

Stimulations:

1. Input: 00000000

Result:

[illegible]

2. Input: 111111

Result:

```
Enter the string to be stimulated:111111
```

Input	Current State	Next State
1	0	2
1	2	2
1	2	2
1	2	2
1	2	2
1	2	2

```
Result:Accepted
```

3. Input:110011

Result:

```
Enter the string to be stimulated:110011
```

Input	Current State	Next State
1	0	2
1	2	2
0	2	3
0	3	3
1	3	3
1	3	3

```
Result:Rejected
```