**Input File:**

ab

10

0-

0,1

**Output File:**

10

0-

0,1

No of states =2

No of final states =1

Initial state :0

Final States :1

Input Symbols :ab

Enter the input string : aaba

State status: 0->1->0->0->1

Accepted...

**Input File:**

(a+bc+cde+defg+efghi)\*

**Output File:**

Regular exp read is : (a+bc+cde+defg+efghi)\*

a

bc

cde

defg

efghi

Enter a string: acde

Accepted...

**Input File:**

a b

1,2 0

- 2

0 1

0

2

**Output File:**

1,2 0

- 2

0 1

0

2

Enter a string:ababbba

State : 0->1->2->0->0->0->0->1

Accepted

**Input File:**

ab

1,2 1

0 2

1 0,2

#0,2

**Output File:**

NFA read is:

0 1,2 1

1 0 2

2 1 0,2

DFA formed is:

0 1,2 1

1 0 2

2 1 0,2

12 0,1 0,2

02 1,2 0,1,2

01 0,1,2 1,2

012 0,1,2 0,1,2

**Input File:**

ab

10c

0-a

0,1

**Output File:**

No of states =2

No of final states =1

Initial state :0

Final States :1

Input Symbols :ab

Enter the input string : bbaaa

Output status: ccaca

Accepted...