Enter the number of alphabets?

NOTE:- [ use letter e as epsilon]

NOTE:- [e must be last character ,if it is present]

Enter No of alphabets and alphabets?

3

a

b

e

Enter the number of states?

3

Enter the start state?. Note: state numbers start from 1 and not 0.

1

Enter the number of final states?

1

Enter the final states?

3

Enter no of transition?

4

NOTE:- [Transition is in the form –> qno alphabet qno, qno is the state number]

NOTE:- [States number must be greater than zero]

Enter transition?

1 a 1

1 b 1

1 b 2

2 b 3

Equivalent DFA.....

.......................

Transitions of DFA

{q1,} a {q1,}

{q1,} b {q1,q2,}

{q1,} e NULL

{q1,q2,} a {q1,}

{q1,q2,} b {q1,q2,q3,}

{q1,q2,} e NULL

{q1,q2,q3,} a {q1,}

{q1,q2,q3,} b {q1,q2,q3,}

{q1,q2,q3,} e NULL

States of equivalent DFA:

{q1,} {q1,q2,} {q1,q2,q3,}

Alphabet is:

a b e

Start State is:

q1

Final states is/are:

{q1,q2,q3,}