

```

akhil@Ubuntu:~/Compiler-Lab/application-nfa-dfa$ gcc nfa-2-dfa.c
nfa-2-dfa.c: In function 'main':
nfa-2-dfa.c:56:9: warning: too many arguments for format [-Wformat-extra-args]
 56 | printf("NOTE:- [Transition is in the form-> qno alphabet qno]\n",notrans
    |                                     ^~~~~~
nfa-2-dfa.c:65:14: warning: format '%c' expects argument of type 'char *', but ar
ormat=]
 65 | scanf("%d %c%d",&r,&c,&s);
    |             ~^      ~~~
    |             |      |
    |             char *  int *
    |             %lc

```

```

akhil@Ubuntu:~/Compiler-Lab/application-nfa-dfa$ ./a.out

```

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?

2

a

b

Enter the number of states?

4

Enter the start state?

1

Enter the number of final states?

2

Enter the final states?

3

4

Enter no of transition?

8

NOTE:- [Transition is in the form-> qno alphabet qno]

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

Enter transition?

1a1

1b1

1a2

2b2

2a3

3a4

3b4

4b3

Equivalent DFA.....

Trnsitions of DFA

{q1,} a {q1,q2,}

{q1,} b {q1,}

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

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