Tutorial -2

**Construct NFAs for the following languages.**

1. Draw a NFA to accept strings with at least TWO zeroes or at most TWO ones ∑ = {0,1}.
2. Draw a NFA to accept strings of length in multiples of 2 or multiple of 3 ∑ = {0,1}.
3. Draw a NFA to accept strings beginning and ending with the same alphabet ∑ = {a,b}.
4. Demonstrate the working with a NFA

a:

scanf(“%d”,&n);

if (n>5)

goto a

else

printf(“Thanks”;

1. Convert below NFA to DFA

a,b

a

a

q1

q3

a,b

b

b

q0

q2