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CS7B

Roll No: 31

Expt No: 2.

Aim: To write a program to convert NFA with ϵ -transition to NFA without ϵ -transition.

Algorithm:

Step 1: Start

Step 2: Read the no. of alphabets, alphabets, no. of states, start state, final state and transition.

Step 3: Find all ϵ -transitions from each state of the NFA i.e. find ϵ closure of every state.

Step 4: Find ϵ closure of the results obtained after performing the above step for each input alphabet.

Step 5: The result of the above will be the final output. Hence store those.

Step 6: Display output

Step 7: Stop.

Result:

Output obtained successfully.