

**Course:** SE312 Theory of Computing (Section: B)  
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**Lab 04**

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1. Write a program to convert a Nondeterministic Finite Automaton (NFA) to Deterministic Finite Automaton (DFA).

Your program should take the following inputs:

- states of the NFA;
- input symbols of the NFA;
- transition state table of the NFA;
- starting state of the NFA;
- final state of the NFA;

Your program should print the following outputs:

- states of the DFA;
- transition state table of the DFA;
- starting state of the DFA;
- final state of the DFA;