**TOC Lab Assignment-1**

**1. Construct DFA, which accepts a set of all string over w (a,b)∗ which contains “aba” as a substring.**

Note 1. Show transitions from one state to another as output.

2. The program should terminate with a “yes” (if test string is

accepted) or with a “no”.

3. Students must use pre-defined transition rules in the programs instead of any library function.