**TOC Lab Assignment-2**

1. Construct DFA for the count of 1's in a string is divisible by 3, where

∑= {0, 1}.

2. Construct DFA for the count of 0's in a string is divisible of 2, where ∑= {0, 1}.

**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.