**TOC lab Assignment-3**

**1. Write a computer program which reads the rules of CFG from a file and determines whether a given string is acceptable by the CFG.**

**2. Write a program to create a CFG such that string length is taken as input and outputs the palindrome string of the given length using CFG rules.**

**Note-**

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

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