

**SSN COLLEGE OF ENGINEERING, KALAVAKKAM**  
**DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING**  
**Compiler Design Lab – UCS1602**

**Programming Assignment-3 Implementation of left recursion elimination**

Write a C program to eliminate immediate left recursion from the following grammar

**Grammar**

$E \rightarrow E + T \mid T$

$T \rightarrow T * F \mid F$

$F \rightarrow (E) \mid id$