

SSN COLLEGE OF ENGINEERING, KALAVAKKAM
DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING

Compiler Design Lab – UCS1602

Programming Assignment-4 - Implementation of Recursive Descent Parser

Write a program to implement Recursive Descent Parser for the given grammar.

Parse the input strings 1. id+id*id 2. id+*id

Sample

Input Grammar

$$E \rightarrow T E'$$

$$E' \rightarrow +T E' \mid \epsilon$$

$$T \rightarrow F T'$$

$$T' \rightarrow *F T' \mid \epsilon$$

$$F \rightarrow id \mid (E)$$

Output

E()

T()

F()

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