SSN COLLEGE OF ENGINEERING, KALAVAKKAM

DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING

Compiler Design Lab – CS8602

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

$$E \rightarrow T\ E'$$

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

$$T \rightarrow F\ T'$$

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

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

Output

E()

    T()

        F()

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