# **Compiler Construction**

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#### Practical-3

### **Objective**

To find the First () and Follow () of a grammar
Introduction

- The construction of both top-down and bottom-up parsers is aided by two functions, FIRST and FOLLOW, associated with a grammar G. During top-down parsing, FIRST and FOLLOW allow us to choose which production to apply, based on the next input symbol.
- During panic-mode error recovery, sets of tokens produced by FOLLOW can be used as synchronizing tokens.

## Input file:

E->TR R->+TR|# T->FY Y->\*FY|# F->(E)|i

# Output file:

### Conclusion

In this program we have learnt about implementation of FISRT and FOLLOW of given grammar.