CSE 340

Recitation -2

Parsers

E-> E+T
E-> T
T->F*T
T->F
F->NUM|ID|(E)

Input: ((7+9)*3)

Recursive Descent Parsers

If the input is a valid as per grammar?

Given the Grammar:

```
S -> A|B|c

A -> aS

B -> bS
```

INPUT: `ababc`

Project

- To build a simple compiler
- There are 3 parts to the problem:
  - Create a recursive descent parser
  - Create an intermediate representation of parsed code
  - Execute the code with help of intermediate representation.