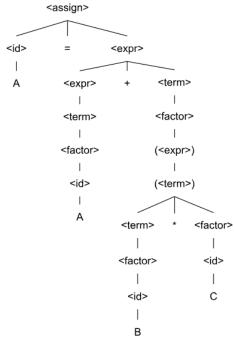
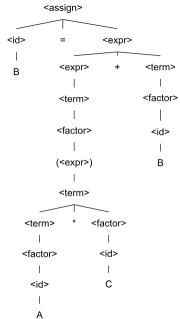
### 1. A = A + (B \* C)

### A) Leftmost Derivation



### 2. B = (A \* C) + B

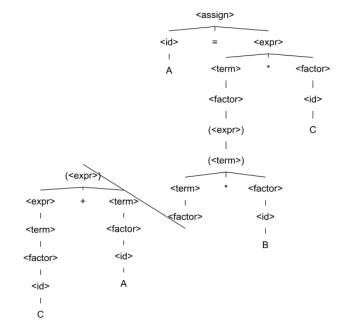
# A) Leftmost Derivation



### 3. A = ((C + A) \* B) \* C

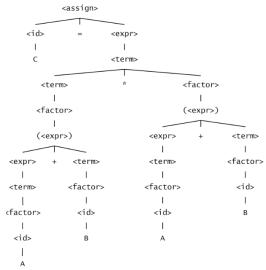
# A) Leftmost Derivation

# Parse Tree



### 4. C = (A + B) \* (A + B)

# A) Leftmost Derivation



### 5. A = A \* (B + C)

#### A) Leftmost Derivation

