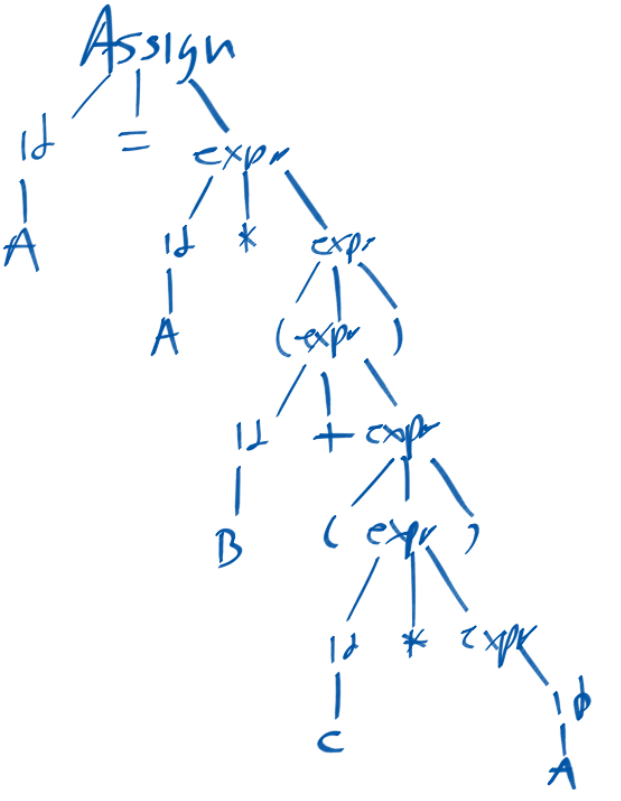
Diego Rodriguez

3.

assign → id = expr
id → A | B | C
expr → term * factor | factor
expr → expr + term | term
factor → (expr) | id

6a. A = A * (B + (C * A))

assign → id = expr
id = expr
A = id * expr
A = A * (expr)
A = A * (id + expr)
A = A * (B + (expr))
A = A * (B + (id * expr))
A = A * (B + (C * id))
A = A * (B + (C * A))



6. B=C*(A*C+B)

Assign → id = expr

id = expr

B = id * expr

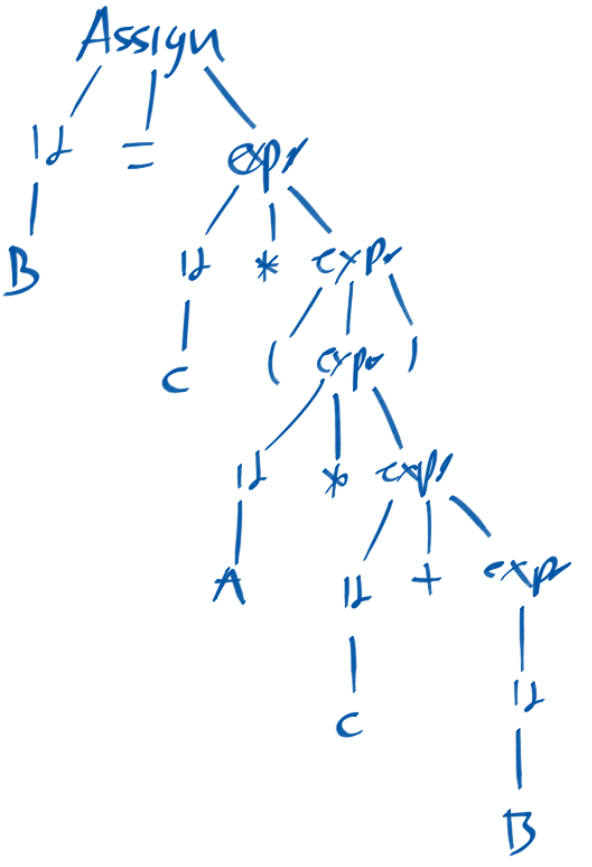
B = C * (expr)

B = C * (id * expr)

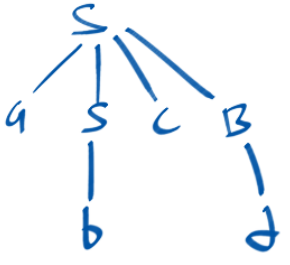
B = C * (A * id + expr)

B = C * (A * C + id)

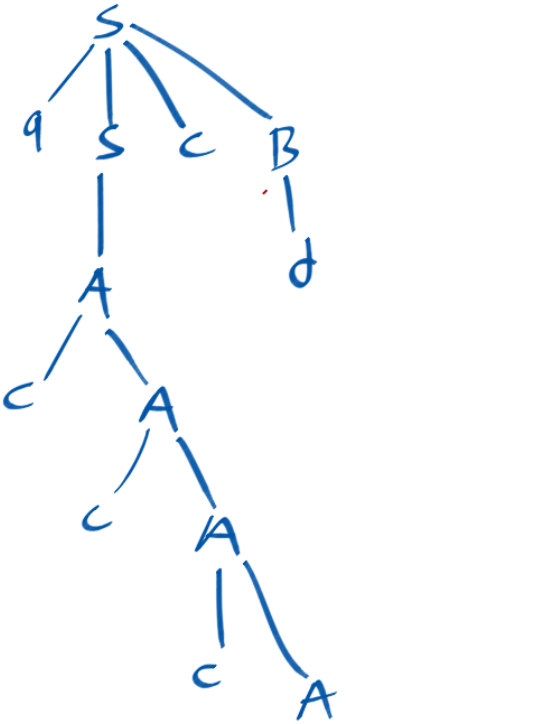
B = C * (A * C + B)



12a. qbcd



12b. qcccbd



No A → b Rule