

check parameters

True
False

$$\langle \text{expr} \rangle ::= \langle \text{expr}_1 \rangle \langle \text{expr}_2 \text{Prime} \rangle$$
$$\langle \text{expr}_1 \text{Prime} \rangle ::= \langle \text{expr}_1 \rangle \langle \text{expr}_2 \text{Prime} \rangle | \epsilon$$
$$\langle \text{expr}_1 \rangle ::= \langle \text{expr}_1 \rangle \langle \text{expr}_2 \text{Prime} \rangle$$
$$\langle \text{expr}_1 \text{Prime} \rangle ::= \langle \text{expr}_1 \rangle \langle \text{expr}_2 \text{Prime} \rangle | \epsilon$$
$$\langle \text{expr}_2 \rangle ::= \langle \text{expr}_2 \rangle \langle \text{expr}_3 \text{Prime} \rangle$$
$$\langle \text{expr}_2 \text{Prime} \rangle ::= \langle \text{expr}_2 \rangle \langle \text{expr}_3 \text{Prime} \rangle | \epsilon$$
$$\langle \text{expr}_3 \rangle ::= \langle \text{expr}_3 \rangle \langle \text{expr}_4 \text{Prime} \rangle$$
$$\langle \text{expr}_3 \text{Prime} \rangle ::= \langle \text{expr}_3 \rangle \langle \text{expr}_4 \text{Prime} \rangle | \epsilon$$
$$\langle \text{expr}_4 \rangle ::= \langle \text{expr}_4 \rangle \langle \text{expr}_5 \text{Prime} \rangle$$
$$\langle \text{expr}_4 \text{Prime} \rangle ::= \langle \text{expr}_4 \rangle \langle \text{expr}_5 \text{Prime} \rangle | \epsilon$$

First = \emptyset

$$\langle \text{expr}_5 \rangle ::= \langle \text{expr}_5 \rangle \langle \text{expr}_6 \text{Prime} \rangle$$
$$\langle \text{expr}_5 \text{Prime} \rangle ::= \langle \text{expr}_5 \rangle \langle \text{expr}_6 \text{Prime} \rangle | \epsilon$$

First = \emptyset

$$\langle \text{expr}_6 \rangle ::= \langle \text{expr}_6 \rangle \langle \text{expr}_7 \text{Prime} \rangle$$
$$\langle \text{expr}_6 \text{Prime} \rangle ::= \langle \text{expr}_6 \rangle \langle \text{expr}_7 \text{Prime} \rangle | \epsilon$$
$$\langle \text{expr}_7 \rangle ::= \langle \text{expr}_7 \rangle \langle \text{expr}_8 \text{Prime} \rangle$$
$$\langle \text{expr}_7 \text{Prime} \rangle ::= \langle \text{expr}_7 \rangle \langle \text{expr}_8 \text{Prime} \rangle | \epsilon$$

First = \emptyset

$\langle \text{expr} \rangle ::= \langle \text{expr} \rangle \langle \text{expr_prime} \rangle$

$\langle \text{expr_prime} \rangle ::= \langle \langle \text{expr} \rangle \langle \text{expr_prime} \rangle \mid$
 $\rangle \langle \text{expr} \rangle \langle \text{expr_prime} \rangle \mid$
 $\langle \langle \text{expr} \rangle \langle \text{expr_prime} \rangle \mid$
 $\rangle \langle \text{expr} \rangle \langle \text{expr_prime} \rangle \mid$
 ϵ

First = ϵ

$\langle \text{expr} \rangle ::= \langle \text{expr} \rangle \langle \text{expr_prime} \rangle$

$\langle \text{expr_prime} \rangle ::= + \langle \text{expr} \rangle \langle \text{expr_prime} \rangle \mid$
 $- \langle \text{expr} \rangle \langle \text{expr_prime} \rangle \mid$
 ϵ

First = ϵ

$\langle \text{expr} \rangle ::= \langle \text{expr} \rangle \langle \text{expr_prime} \rangle$

$\langle \text{expr_prime} \rangle ::= * \langle \text{expr} \rangle \langle \text{expr_prime} \rangle \mid$
 $\% \langle \text{expr} \rangle \langle \text{expr_prime} \rangle \mid$
 $/ \langle \text{expr} \rangle \langle \text{expr_prime} \rangle \mid$
 ϵ

First = ϵ

$\langle \text{expr} \rangle ::= \langle \text{expr} \rangle * \langle \text{expr} \rangle \mid$
 $\langle \text{expr} \rangle$

$\langle \text{expr} \rangle ::= \mid \langle \text{expr} \rangle \mid$
 $- \langle \text{expr} \rangle \mid$
 $+ \langle \text{expr} \rangle \mid$
 $++ \langle \text{expr} \rangle \mid$
 $-- \langle \text{expr} \rangle \mid$
 $\langle \text{expr} \rangle$

First = $! , - , + , ++$

$! - -$

$\langle \text{expr} \rangle ::= \langle \text{expr} \rangle \mid$

$\langle \text{id} \rangle \langle \langle \text{id} \rangle \rangle \mid$

$\langle \text{id} \rangle [\langle \text{expr} \rangle] \mid$

$\langle \text{id} \rangle ++ \mid$

$\langle \text{id} \rangle -- \mid$

$\langle \text{id} \rangle \mid$

ϵ

$\langle \text{expr} \rangle \langle \text{expr} \rangle$