In Class Exercise – Rightmost derivation

Sep 6, 2018

1. For the following grammar, write a *rightmost* derivation for `INT + (INT + INT) EOL`. (Write `N` instead of `INT` and `$` instead of `EOL` to save time.)

$$
\begin{aligned}
main &\rightarrow expr \; \texttt{EOL} \\
expr &\rightarrow expr + term \\
expr &\rightarrow term \\
term &\rightarrow \texttt{INT} \\
term &\rightarrow (expr)
\end{aligned}
$$

In Class Exercise – Parser Tables

Sep 6, 2018

1. Using the parser table on slide 38 (which should be on the screen), parse the token sequence `INT + (INT + INT)`. (Write `N` instead of `INT` and `$` instead of `EOL` to save time.)

Stack	Input	Action
	N+(N+N) EOL	