

Quiz #5 Exercise

- Compute **First** and **Follow** sets for nonterminals of the following grammar.

1	$S \rightarrow a S e$
2	$\quad \mid B$
3	$B \rightarrow b B e$
4	$\quad \mid C$
5	$C \rightarrow c C e$
6	$\quad \mid d$

$\text{First}(S) = \{a, b, c, d\}$

$\text{First}(B) = \{b, c, d\}$

$\text{First}(C) = \{c, d\}$

$\text{Follow}(S) = \{e\}$

$\text{Follow}(B) = \{e\}$

$\text{Follow}(C) = \{e\}$