

Grammar		First	Follow	Parsing T
Productions	$S \rightarrow \underline{A}BCDE$	$\{a, b, c\}$	$\{\$, \}$	
	$A \rightarrow a/\epsilon$	$\{a, \epsilon\}$	$\{b, c\}$	
	$B \rightarrow b/\epsilon$	$\{b, \epsilon\}$	$\{c\}$	
	$C \rightarrow c$	$\{c\}$	$\{d, e, \$\}$	
	$D \rightarrow d/\epsilon$	$\{d, \epsilon\}$	$\{e, \$\}$	
	$E \rightarrow e/\epsilon$	$\{e, \epsilon\}$	$\{\$, \}$	
$(S \rightarrow Bb/cd$		$\{a, b, c, d\}$	$\{\$, \}$	
$(B \rightarrow aB/\epsilon$		$\{a, \epsilon\}$	$\{b\}$	
$(C \rightarrow \epsilon C/\epsilon$		$\{c, \epsilon\}$	$\{d\}$	
$S \rightarrow ACB/CbB/Ba$		$\{d, g, h, e, b, a\}$	$\{\$, \}$	
$A \rightarrow da/BC$		$\{d, g, h, \epsilon\}$	$\{h, g, \$\}$	
$B \rightarrow g/\epsilon$		$\{g, \epsilon\}$	$\{\$, a, h, g\}$	
$C \rightarrow h/\epsilon$		$\{h, \epsilon\}$	$\{g, \$, b, h\}$	

$S \rightarrow aABb$	$\{a\}$	$\{\$ \}$
$A \rightarrow c/\epsilon$	$\{c, \epsilon\}$	$\{d, b\}$
$B \rightarrow d/\epsilon$	$\{d, \epsilon\}$	$\{b\}$
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$S \rightarrow aBDh$	$\{a\}$	$\{\$ \}$
$B \rightarrow cC$	$\{c\}$	$\{g, f, h\}$
$C \rightarrow bC/\epsilon$	$\{b, \epsilon\}$	$\{g, f, h\}$
$D \rightarrow EF$	$\{g, f, \epsilon\}$	$\{h\}$
$E \rightarrow g/\epsilon$	$\{g, \epsilon\}$	$\{f, h\}$
$F \rightarrow f/\epsilon$	$\{f, \epsilon\}$	$\{h\}$

$E \rightarrow TE'$ The Follow of E'	$\{id, (\}$	$\{ \$,) \}$
$E' \rightarrow +TE' / \epsilon$	$\{ +, \epsilon \}$	$\{ \$,) \}$
$T \rightarrow FT'$	$\{ id, (\}$	$\{ +,), \$ \}$
$T' \rightarrow *FT' / \epsilon$	$\{ *, \epsilon \}$	$\{ +,), \$ \}$
$F \rightarrow id / (E)$	$\{ id, (\}$	$\{ *, +,), \$ \}$

First stop
rightside

	id	+	*	()	\$
E	$E \rightarrow TE'$ derive			$E \rightarrow TE'$		
E'		$E' \rightarrow +TE'$			$E' \rightarrow \epsilon$	$E' \rightarrow \epsilon$
T	$T \rightarrow FT'$			$T \rightarrow FT'$		
T'		$T' \rightarrow \epsilon$	$T' \rightarrow *FT'$		$T' \rightarrow \epsilon$	$T' \rightarrow \epsilon$
F	$F \rightarrow id$			$F \rightarrow (E)$		