

case shift:
 push(curr-sym, new state)
 curr-sym ← scanner

case reduce:
 pop as many pairs as syms on rhs of rule
 curr-sym ← lhs of rule

default:
 error ii

$S \rightarrow AB \mid A \mid B$

$A \rightarrow \beta \mid A\$$

$B \rightarrow abb \mid aBbb$

$S \Rightarrow \dots \Rightarrow \dots Sa \dots ?$
 Follow(S) = ε

0	$S \rightarrow \cdot AB$	A	shift 1	2	$B \rightarrow a \cdot bb$	b	shift 3
	$A \rightarrow \cdot \beta$	β	shift/reduce		$B \rightarrow a \cdot Bbb$	B	shift 4
	$A \rightarrow \cdot A\beta$				$B \rightarrow \cdot abb$	a	shift 2
	$S \rightarrow \cdot A$				$B \rightarrow \cdot aBbb$		
	$S \rightarrow \cdot B$	B	shift/reduce				
	$B \rightarrow \cdot abb$	a	shift 2	3	$B \rightarrow a b \cdot b$	b	shift/reduce
	$B \rightarrow \cdot aBbb$						
				4	$B \rightarrow a B \cdot bb$	b	shift 5
				5	$B \rightarrow a B b \cdot b$	b	shift/reduce

1

$S \rightarrow A \cdot B$

$A \rightarrow A \cdot \$$

$B \rightarrow \cdot a b b$

$B \rightarrow \cdot a B b b$

$S \rightarrow A \cdot$

B shift/reduce

\$ shift/reduce

a shift

reduce on follow(S) = {ε}