

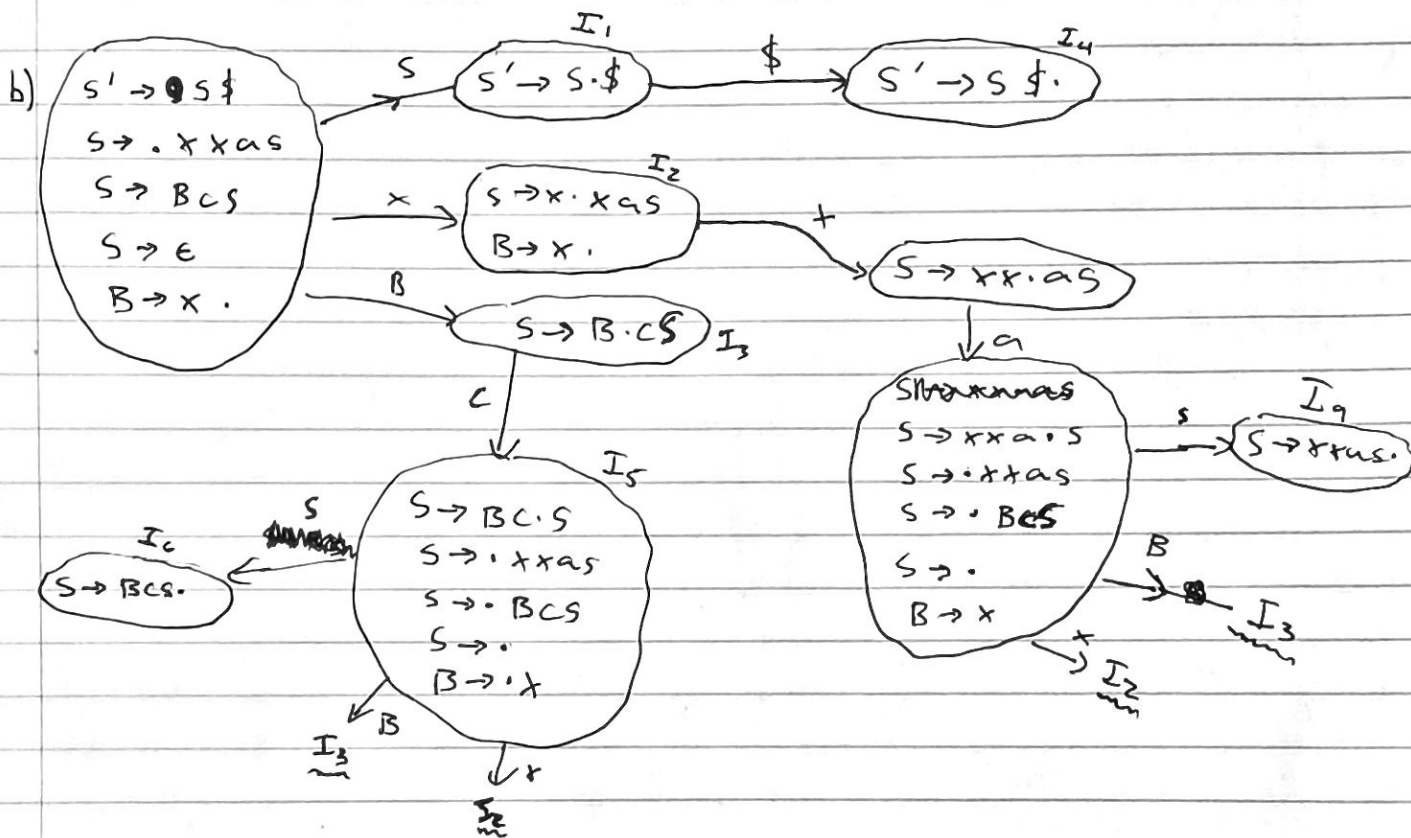
$S' \rightarrow S\$$
 $S \rightarrow x x a s \mid B c s \mid \epsilon$
 $B \rightarrow x$

- a) $\text{First}(S) = \{x, \epsilon\}$
 $\text{First}(B) = \{x\}$
 $\text{First}(S') = \{x, \$, \epsilon\}$

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

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

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



c)

	Action				Goto		
	$*$	c	a	$\$$	s'	s	B
I_0	s_2			r_4	10	1	3
I_1				s_4			
I_2	s_2	r_5					
I_3		s_5					
I_4				Accepted			
I_5	s_2			r_4		6	3
I_6				r_3			
I_7			s_8				
I_8	s_2			r_2		9	3
I_9							

$B \rightarrow x$
 $S \rightarrow xaxc$
 $S \rightarrow \epsilon$

d) $xaxc$

