

Comptech GsLC

$$S \rightarrow (L) | a$$
$$L \rightarrow L.S/S$$

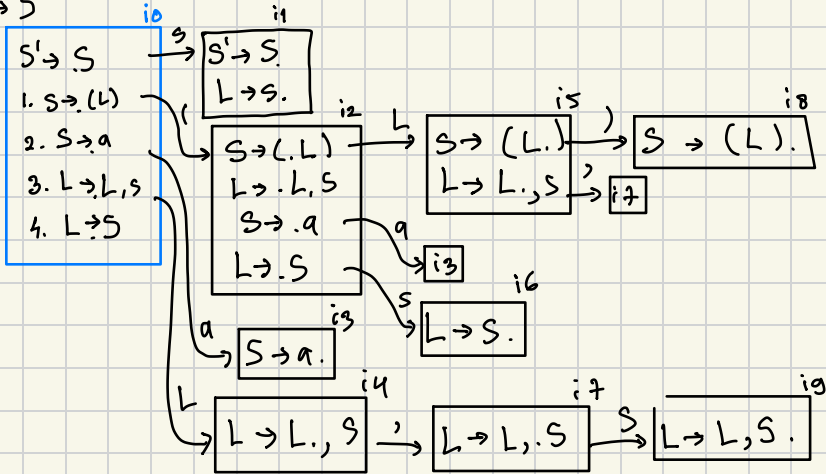
input : SASS

① $S \rightarrow (L)$

$$S \rightarrow a$$
$$L \rightarrow L, S$$
$$L \rightarrow S$$

Augmented grammar : $S' \rightarrow S$

②



Soal:

$$S \rightarrow (L) | a$$
$$L \rightarrow L.S / S$$

First:

① First S = -

② First $L =)$

Follow :

① Follow $S = \$$

② Follow $L =) , >$

$$\begin{array}{c} S \rightarrow (L) \\ A \quad \alpha B \beta \end{array}$$

A $\alpha B \beta$

③

	,	()	a	S	L	\$
✓0		S2		S3	1	4	
1	R1		R1				ACC
✓2				S3	6	5	
3							R2
✓4	S7						
✓5	S7		S8				
✓6	R4		R4				
✓7					9		
8							R1
9	R3		R3				

4

Stack	input	Output
0\$	saSS\$	1
150\$	aSS\$	Reject