1. A -> B-C | C
   B -> C | dAe
   C -> fg | C+A

   a. Go To
      0   A' → A
      1   A → . B-C
      3   A → . C
      4   B →. C
      5   B → .dAe
      6   C → . fg
      7   C → . C+A

   b. Follow

      Follow A

i.	B → dAe	=	First(e)	=	{$, e}

      Follow B

i.	A → . B-C	=	First(-)	=	{-}

      Follow C

i.	A → . B-C	=	Follow(A)	=	{$, e}
ii.	A → . C	=	Follow(A)	=	{$, e}
iii.	B →. C	=	Follow(B)	=	{-}
iv.	C → . C+A	=	First(+)	=	{+}
v.	Total			=	{e, -, +}

c. SLR Scheme Diagram & Table
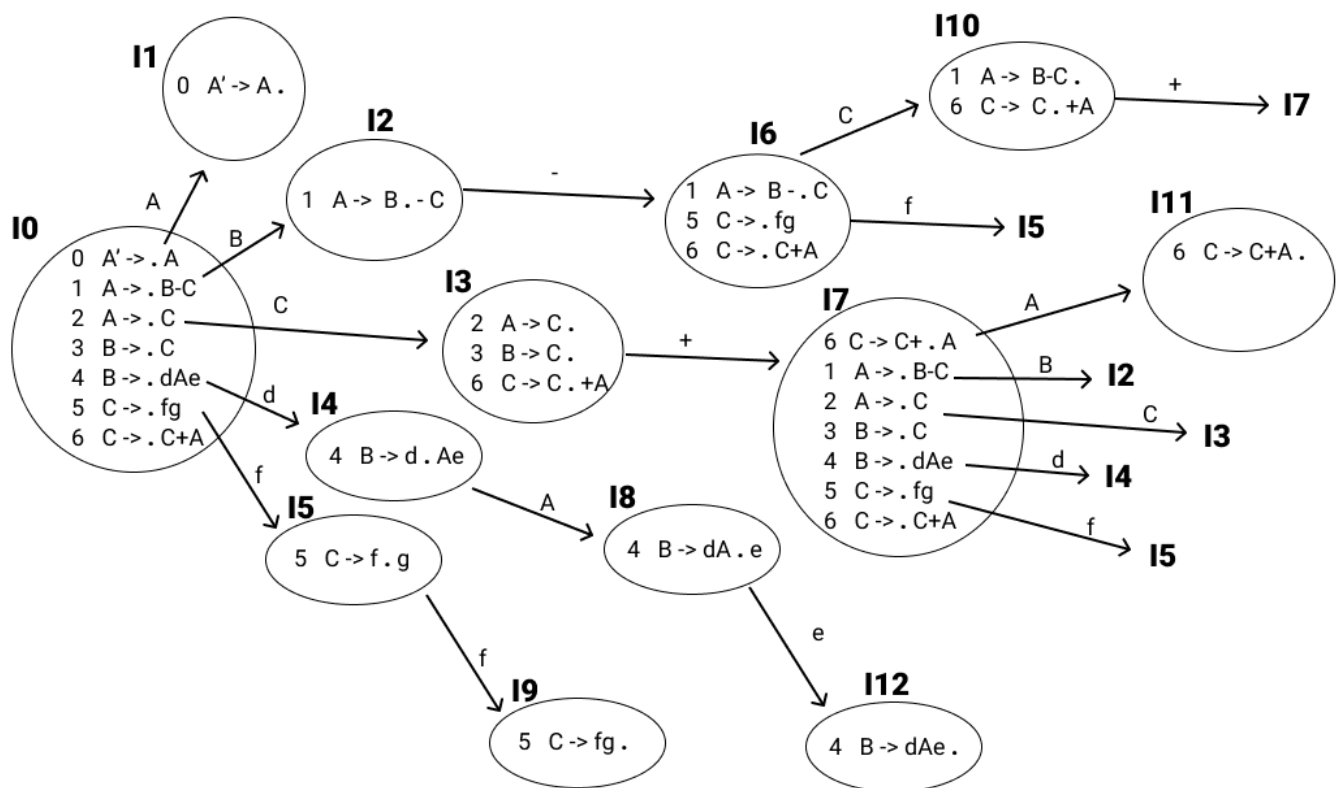
	-	d	e	f	g	+	$	A	B	C
0		S4		S5				1	2	3
1							accepted			
2	S6									
3	R3		R2			S7				
4								8		
5				S9						
6				S5						10
7		S4		S5				11	2	3
8			S12							
9	R5		R5			R5				
10			R1			S7				
11	R6		R6			R6				
12	R4									

d. Input = df-fe

STACK	INPUT	ACTION
0 $	df-fe	S4, push (d), push(4)
4d0 $	f-fe	REJECTED

2. X -> Yb | X-Y | Z
   Y -> Za |X+Z
   Z -> a

   a. GoTo
      X' -> . X
      1 X -> . Yb
      2 X -> . X-Y
      3 X -> . Z
      4 Y -> . Za
      5 Y -> . X+Z
      6 Z -> . a

   b. Follow

      Follow X

i.	Start			=	{$}
ii.	X -> X-Y	=	First(-)	=	{-}
iii.	Y -> X+Z	=	First(+)	=	{+}
iv.	Total			=	{$, -, +}

      Follow Y

i.	X -> X-Y	=	Follow (X)	=	{$, -, +)
ii.	X -> . Yb	=	First (b)	=	{b}
iii.	Total			=	{$, -, +, b}

      Follow Z

i.	X -> Z	=	Follow (X)	=	{$, -, +}
ii.	Y -> X+Z	=	Follow (Y)	=	{$, -, +, b}
iii.	Y -> . Za	=	First (a)	=	{a}
iv.	Total			=	{$, -, +, b, a}

c. SLR Scheme Diagram & Table
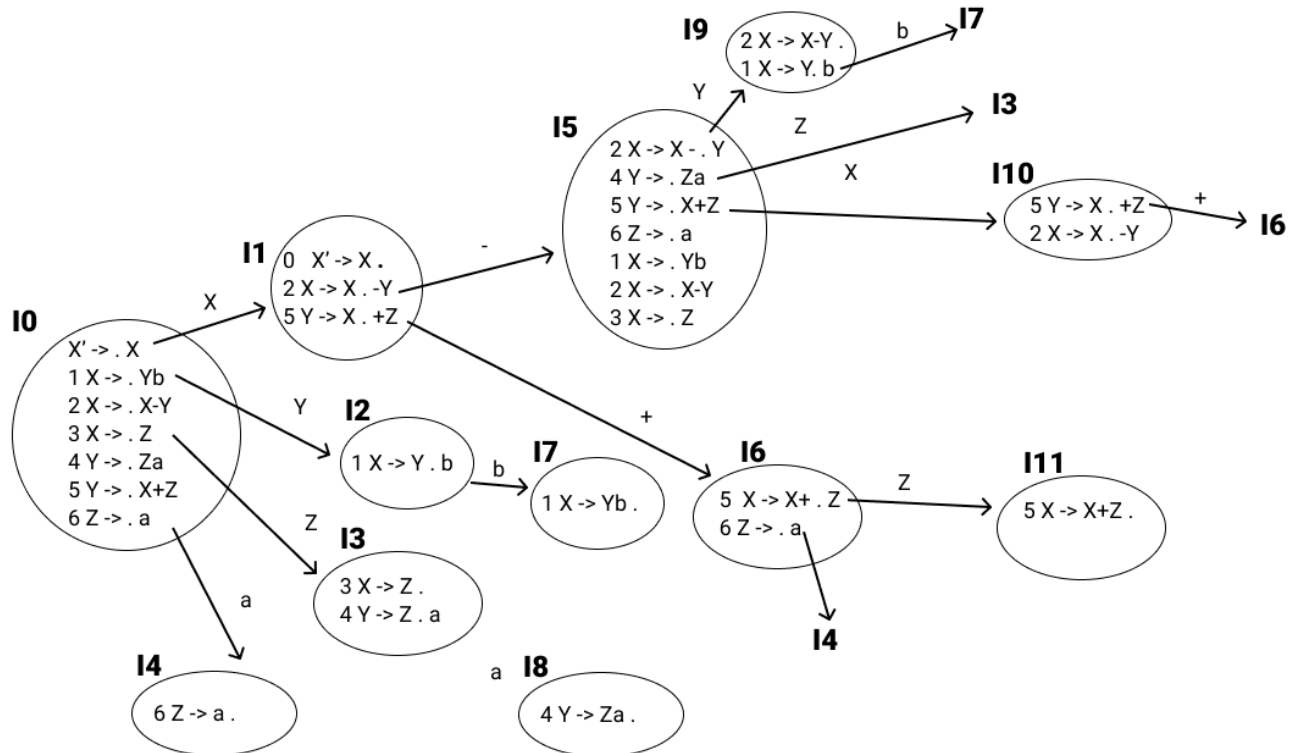
	a	b	+	-	$	X	Y	Z
0	S4					1	2	3
1			S6	S5	Accepted			
2		S7						
3	S8		R3	R3	R3			
4	R6	R6	R6	R6	R6			
5	S4					10	9	3
6	S4							11
7			R1	R1	R1			
8		R4	R4	R4	R4			
9		S7	R2	R2	R2			
10			S6			5		
11			R5	R5	R5			

input = aab+a

STACK	INPUT	ACTION
0 $	**a**ab+a $	S4, push (a), push(4)
4a0 $	**a**b+a $	R6, Z -> a
Z0 $	ab+a $	
3Z0 %	**a**b+a $	S8, push (a), push(8)
8a3Z0 %	**b**+a $	R4, Y -> Za
Y0 %	b+a $	
2Y0 $	**b**+a $	S7, push(b), push(7)
7b2Y0 $	**+**a $	R1, X -> Yb
X0 $	+a $	
1X0 $	**+**a $	S6, push(+), push(6)
6+1X0 $	**a** $	S4, push (a), push(4)
4a6+1X0 $	**$**	R6, Z -> a
Z6+1X0 $	$	
11Z6+1X0 $	**$**	R5, Y->X+Z
Y0 $	$	
2Y0 $	**$**	**REJECTED**