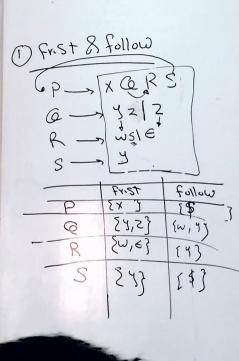
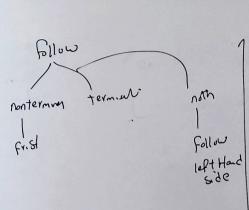


1 Back tracking Strug read

LL(1) Eliment left Recubsion (2) Frst & follow \$ Parse table Frist F\_\_\_\_A\*E First aas





nontermal	frst	Follow
S	{aiez	297
A	{aie}	[6, 6]
B_	{6,€}	[ [ ( )
C	{c}	[ { 616123
P	[2,6]	10,\$]
E	[ { e, e}	[\$]
1		

3) S-SBblcd B-SaBlE C-SCCIE

	Frist	Pullod
5	$\{a_1 \in C\}$	[\$ }
B	{a,∈}	Eb 3
	(€)	[6]

2) lest Recursion A -> BA) 5' -> 08185'E A'-> a A'IE B' XABIE

5-> 1E65 | 1Etses | 9 S-SCU lalb F = 2 18 A-aA A'-> d, | d2 | d3 L→S L' L'→, S L' |€ S-siftss /a s->es|€ S-sax aw az 5 -> as' 3-7X/W/2

A-> aAB (aB c laAc S-> bssaaslbssasblbsbla A-saA1. , 5-3655 a A' - AB BC AC  $(S) \longrightarrow \underline{Saas} |\underline{Sa(sb)}| b$ Ls' saD b D-sas/Sb D-> BIC S -> (bs5aS) (-bs 5-3650 9 D -> 202, 1P

t-> ft | 6

F-> TE | (E) | id

	Frist	Follow
E	2-, (,id)	[\$,){
E/	[+, 6]	[\$,)]
+	[ (-, (, id)	[+,\$,)7
+	{*,€}	[+,\$,)}
f	(-, (,ie)	(*/+,\$,)

str-9 id + id \* id lest to montern. biabitbi stack action E-TE E-TE ix\$ Popia 376 id+id\*id\$ E-+T EJE ELLE 13,TE-3 Poir 61+61 ++1 1-FT 1-6+ 13+16+169 T-> FT \$ ET,E, 7 SE 1-4 475 1,76,1 14 + 10 = 16 F- 14 \$ jat'E' Kaid FO-E + id\*id\$ 707 id F(E) TIEI \$ id + id \$ T+C3 fid\*id \$ POP + 118 x 19 \$ id+id3 Pop 16 \$ 1d }

