



States		C _	- d	K	Ē	1B/
IO		S3	54		J	2
I				ACCONT		
I2		<u>S</u> 3	- કપ			5
T ₃	<u> </u>	- 53	84	1		6
Iy Is		र्वे 3	\ ~	20 65	2	
Is	_	76 (-61/ -0	1	
IG	L	-6 2		2	የ √\	

Step 5 Stack implementation,

E' 7 E

E 7 BB 7 C

B 7 C

acdd \$

 Action

Shift C in Shack

get the state3

Shift C in Shade

get to state3

Shift d in Stead

Shift d get ship g

Teduce 73 Bill

Teduce 73 Bill

Teduce 72 Bill

Teduce 72 Bill

Teduce 72 Bill

Teduce 73 Bill

Teduce 75 Bill

Teduce 76 Bil

Draw the parse tree.

ccdd &

FIRST AND FOLLOW

07 September 2022 08:46

First (A) > contain all terminals presents in the first place of exercy Stating derived by A $A \rightarrow \underline{a} \times A$ first (A) > Sal A > C finst (A) > { E} $A \rightarrow B$ B -> c C -> id (A)=9 A7B-> C-> id. fist(A) > {id} A a a frost (A) = Sal B > (c) [1d > frot (B) B > (c) -> fixed (b) = { c, id } C> E + Id C> + T | E C> E C> E C> E C> E S> ABC/ ghil &Kl fint (5) A + a/ 6/ C = 9 - 9. { a & 1}. B> b

S -> ABC -> Shot S = frost(A)

first and follow Page 3

ga, b, c, 9, 35 first (E) E > TE' {id, ¢} E' > * TE' /E T. → F7' T' > { | + FT F + id | CE STABL Fist (S) +> Foot (A) A + 0 16/6 {a, b, c, d, e, f, €} B> = [] [= C> e/F/E follow (A) > contain set of all terminals presents immoliate to right of A' follow of start Symbol is & FO(A) = { \$} FA , XBB Follow of (B) → First Find what is after B

tren find what is after B

tren find the first of trutclenet → {a} Follow of (B) -> follow (A) (E) AF > XBB > foot & - [E]X B > E In 1 12 bo of an the result of follow

first and follow Page

rule - we don't take to as the result of follow > follow of first Clement > (\$) E TE' Follow (E) > { \$ } tollow E, 7 / \$3 AS XBB follow B+ Sa, Follow PA? p > a/E > (a, &) ATTER En+F[1d follow (T) > { +, id } follow (E) + follow of stay S+ AaAb | BbBa follow A = faib ? Sy Aa Ab s> a865/68as/ € 8 7 B6 Ba follow (6) + (6 a \$) S-) ABL (8)AADEF ((A) washing F $C \rightarrow \overline{C}$

