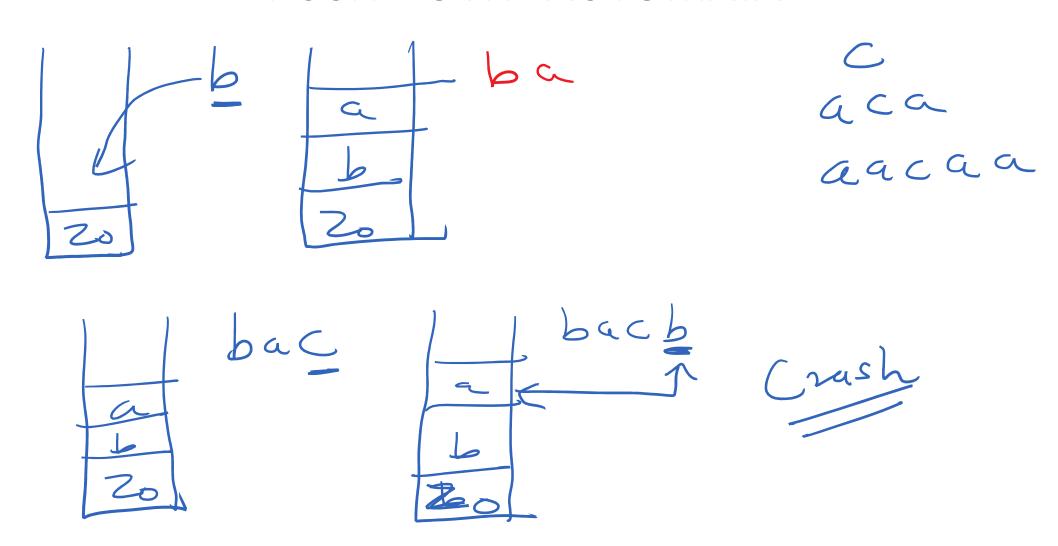
S → c

# PUSH DOWN AUTOMATA

L = { Polindrome with middle Symbol c'} S-) aSa/bSa/c Satasa basab asa aasaa basab absba aasaa basab abcba aacaa bacab 66566 bbcbb

abcba CI) Push a (2) Push b middle Symbol Stop Push oferation (4) Compare 16' in 118 with Tas, Porb' (5) Compare a) in IIP with toS, Popla.



State	ilP	ToS	Move
98	4	Zo	(20, aZ0)
90	6	20	(90, b20)
	a	a	(90, aa)
90	6	a	(90, ba)
90	<b>b</b>	6	(dd (o)
90 90	a	b	(90, ab)
90	C	a	(91, 6)
90	C	6	(91, b)

Rule No.

State	ill	ToS	Move	Rule No.
91		a	(2, N)	9
	ط	b	(91, N)	(0
9	d	<b>Z</b> <sub>6</sub>	(92, Zo)	11
•			(91, 20)	12
90	C	6	(1)	

92 accepting State

(90, abcbb, 20) (90, bcbb, a20) (90, Cbb, b920) (91, b, a 20) Crush

(90, a9 ca, 20)

(9,1, a Zo) Cresh

Without reading entire input we cannot conclude the final Status