	< > ? shift
M	
	Problem?
	OF {anbn/n > 03 complement of {anbn/n > 03
	may be or two types
	(i) no of a's and b's are not equal but in
	the order no. of a's Pollowed by no. of b's
	(11) not in the form no of a's followed by
	00, of 6's
	CFG generating the language L,= {arba   p>q}
	will be asiblasila [no. of a's greated]
	CFG generating the language L2= {a^be   P19}
	S2 - as 2b   S2b   b [no of a s lesser]
	52- 2520 20 0 Ferran 40.08 0,87
	CFG decerations strings not in for a be
	CFG generating strings not in for a be
	T → aT   bT   6
	Finally, CFG generating the complement of Earbaln 200 will be
	of Earbain 200 will be
	0.81518
	$S \rightarrow S_1   S_2   S_3$ $S_1 \rightarrow as_1 b   as_1   a$
	5-> a82b182b1b
	S3 -> TbTaT
	$\begin{array}{c} S_2 \rightarrow aS_2b S_2b b \\ S_3 \rightarrow TbTaT \\ T \rightarrow aT bT E \end{array}$
4	
THE RESERVE OF THE PERSON OF T	