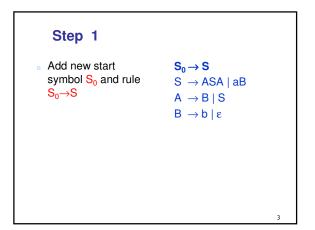


Chomsky Normal Form

n Grammar rules allowed

 $\begin{array}{lll} A \rightarrow BC & \mbox{where} & B,C \in V & B,C {\neq}S \\ A \rightarrow a & \mbox{where} & a {\in} \Sigma \\ S \rightarrow \epsilon & \end{array}$



Step 2		
■ For each $a \in \Sigma$ replace each a that appears on the RHS of a rule of size ≠ 1 with new variable U _a and add rule U _a →a	$\begin{array}{l} S_0 \rightarrow S \\ S \ \rightarrow ASA \mid \textbf{a}B \\ A \ \rightarrow B \mid S \\ B \ \rightarrow b \mid \epsilon \end{array}$	
		4

