

Given a context-free grammar:

$S \rightarrow a \mid as \mid bSS \mid SSb \mid sbS$

convert it to a PDA

$\lambda, S \rightarrow a$      $\lambda, S \rightarrow SSb$      $b, b \rightarrow \lambda$   
 $\lambda, S \rightarrow as$      $\lambda, S \rightarrow sbS$   
 $\lambda, S \rightarrow bSS$      $a, a \rightarrow \lambda$

