



- 1.
2. $S \rightarrow aSXXX \mid \text{Lambda}$
 $X \rightarrow aXXX \mid b$
3. $S \rightarrow \text{Lambda} \mid X \mid aX \mid bY$
 $X \rightarrow XX \mid bYX \mid bS$
 $Y \rightarrow XY \mid aXY \mid bYY \mid aS$