CS152 Parser Language Rules

Stanley Cohen (scohe001) Wyatt Sullivan (wsull001) Preston Giorgianni (pgior002)

 $\mathbf{Program} \, \Rightarrow \, \mathtt{Function} \, \, \mathtt{Program} \, \mid \, \epsilon$

 $\textbf{Function} \Rightarrow \texttt{FUNCTION} \ \, \texttt{IDENTIFIER} \ \, \texttt{SEMICOLON} \ \, \texttt{BEGIN_PARAMS} \ \, \texttt{Declaration_blk} \ \, \texttt{END_PARAMS} \ \, \texttt{BEGIN_LOCALS} \ \, \texttt{Declaration} \ \, \texttt{END_LOCALS} \ \, \texttt{BEGIN_BODY} \ \, \texttt{Statement_blk} \ \, \texttt{END_BODY} \ \, \big| \ \, \epsilon$