(A) With your group, write a function \texttt{str\_of\_exp} : \texttt{exp \rightarrow string} which produces a string representation of the given \texttt{exp}. \textit{Bonus:} Only include the parentheses that are strictly necessary.

(B) With your group, write a function \texttt{eval'} : \texttt{(env \ast exp') \rightarrow int} that evaluates an extended expression in the given environment.
(C) With your group, write a function \texttt{compile : (env * exp') -> exp} that “compiles” an extended expression in the given environment to a basic expression.

(D) How would you prove the following?

\[ \forall e. \forall g. \text{eval}'(g,e) = \text{eval}(\text{compile}(g,e)) \]