$\texttt{PreOrder}\ (\leq,\ \texttt{T})\texttt{:}$ **trait**
includes $\texttt{Reflexive}\ (\leq),\ \texttt{Transitive}\ (\leq)$
implies $\forall\ \texttt{x},\ \texttt{y},\ \texttt{z}\texttt{:}\ \texttt{T}$
$\texttt{x} \leq \texttt{x};$
$(\texttt{x} \leq \texttt{y} \land \texttt{y} \leq \texttt{z}) \Rightarrow \texttt{x} \leq \texttt{z}$