

$$\begin{array}{lcl}
 \textit{Expressions} & e, A, B & ::= x \mid \text{true} \mid \text{false} \mid \lambda x. e \mid e_1 e_2 \\
 & & \mid \text{bool} \mid \Pi x : A. B \mid \text{Type}_0 \mid \text{Type}_1 \\
 & & \mid \text{Type}_2 \mid \text{Type}_3 \mid \text{Type}_4 \mid \text{Type}_5 \mid \text{Type}_6 \mid \text{Type}_7 \mid \dots
 \end{array}$$