> - CALCULUS

$$f(x) = \lambda x + x^{2}$$

$$f(y) = \lambda y + y^{2}$$

$$f(y) = \lambda x + x^{2}$$

$$f(y) = \lambda x + x^{2}$$

$$f(x) = \lambda x + x^{2}$$

$$f(x) = \lambda x + x^{2}$$

$$x \in Var$$
 $e := x$
 $\lambda x \cdot e x^{2} + \lambda$
 $\lambda x \cdot e x^{2} + \lambda$
 $\lambda x \cdot x^{2} + \lambda$
 $\lambda x \cdot$

lambda x: x *x + 2

 $\begin{array}{c}
\lambda x. x \\
\lambda y. x
\end{array}$ $\begin{array}{c}
\lambda x. y \\
\lambda y. x
\end{array}$ $\begin{array}{c}
\lambda x. + (gx) \\
\lambda x. + (gx)
\end{array}$ $\begin{array}{c}
\lambda x. + (gx) \\
\lambda x. + (gx)
\end{array}$ $\begin{array}{c}
\lambda x. + (gx) \\
\lambda x. + (gx)
\end{array}$ $\begin{array}{c}
\lambda x. + (gx) \\
\lambda x. + (gx)
\end{array}$