Exercice 4

$$\left[\begin{pmatrix} \text{local } Y\ Z \text{ in} \\ Y = 15 \\ \{LB\ 5\ Z\} \\ \{Browse\ Z\} \\ \text{end} \end{pmatrix}, \{Y \to y,\ LB \to lb\} \right] \quad \left\{ \begin{array}{l} y = 10,\ lb = (proc\ \{\$\ X\ Z\}\ \text{if } X >= Y \text{ then } Z = X \\ \qquad\qquad\qquad\qquad \text{else } Z = Y \text{ end}, \{Y \to y\}) \end{array} \right\}$$

$\vdots$

$$\left[\begin{pmatrix} (\text{if} &) , \left\{ \begin{array}{l} X \to w, \\ Y \to y & ,LB \to lb, Z \to z \\ Y \to y2 & ,LB \to lb, Z \to z \end{array} \right\} \\ (\{Browse\ Z\}) , \end{pmatrix} \right] \quad \left\{ \begin{array}{l} y = 10,\ lb = (proc\ ...),\ y2 = 15,\ z \\ w = 5 \end{array} \right\}$$

$\downarrow$

$$\left[(\{Browse\ Z\}1,\ \{\quad \text{''} \quad\} \right] \quad \{y = 10,\ lb = (proc...),\ y2 = 15,\ w = 5,\ z = 10\}$$