

## Action $Lbl\_1$

$Lbl\_1 \triangleq \wedge pc = \text{"Lbl\_1"}$

$\wedge \text{IF } x \neq y$

THEN  $\wedge \text{IF } x < y$

THEN  $\wedge y' = y - x$

$\wedge x' = x$

ELSE  $\wedge x' = x - y$

$\wedge y' = y$

$\wedge pc' = \text{"Lbl\_1"}$

ELSE  $\wedge pc' = \text{"Done"}$

$\wedge \text{UNCHANGED } \langle x, y \rangle$

CLOSE