$$\begin{bmatrix} i_1 = 0 \\ s_1 = 0 \end{bmatrix}$$

$$\downarrow i_2 = \phi(i_1, i_4)$$

$$s_2 = \phi(s_1, s_3)$$

$$(i_2 < 100)?$$

$$(\bot, i_3) = \sigma(i_2)$$

$$t_4 = i_3 + 1$$

$$s_3 = s_2 + i_4$$