



$c_0: i > 10^{\circ}\text{C}$

$f_0: \text{set_temperature}(o_1, s)$

$c_1: i \leq 10^{\circ}\text{C} \text{ and } s$

$a_0: \text{green_LED_on}(o_2)$

$a_1: \text{red_LED_on}(o_2)$