Sample Pseudo Code For A Thermostat.

get target\_temperature

target\_temperature = 23

repeat forever,

current\_temperature = get sensor\_reading

if target\_temperature > (current\_temperature+5),

turn\_on\_heater

if target\_temperature <= current\_temperature,

turn\_off\_heater

get target\_temperature is a FUNCTION to get the temperature set via dial or other means

store this value in a VARIABLE target\_temperature

We need to continuously check if the current temperature is ok or not LOOP (repeat forever)

We use CONDITIONALS for this