Wire Library (display)

Display Library

Thermostat Library

Define where Thermostat lives

Define Thermostat Type

Case 1

If buttonPin 7 pressed

SETPOINT ++

If buttonPin 6 pressed

SETPOINT --

If buttonPin 5 pressed

Case 2

Exit

Case 2

If buttonPin 7 pressed

THRESHOLD ++

If buttonPin 6 pressed

THRESHOLD --

If buttonPin 5 pressed

Case 3

Exit

Case 3

If t > SETPOINT + THRESHOLD

Pin 2 = HIGH

If t < SETPOINT - THRESHOLD

Pin 2 = LOW

If buttonPin 5 pressed

Case 1

Exit