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//Thermocouple simulation

#include "max6675.h"

//Thermocouple1 (heat) Ports:
int thermo1DO = 4;
int thermo1CS = 5;
int thermo1CLK = 6;

//Thermocouple1 (cool) Ports:
//int thermo2DO = 8;
//int thermo2CS = 9;
//int thermo2CLK = 10;
MAX6675 Temp(thermo1CLK, thermo1CS, thermo1DO);
//MAX6675 TempCool(thermo2CLK, thermo2CS, thermo2DO);

void setup() {

    Serial.begin(9600);
    delay(500); // wait for stabilization
}

void loop() {
    Serial.print("\nTemp: C = ");
    Serial.println(Temp.readCelsius());
    Serial.print("Temp: F = ");
    Serial.println(Temp.readFahrenheit());

    // Serial.print("Condenser Temp: C = ");
    // Serial.println(TempCool.readCelsius());
    // Serial.print("Condenser Temp: F = ");
    // Serial.println(TempCool.readFahrenheit());

    delay(1000);
}
}
```