

TwoOrMoreSmartPhidgets ReflectionLog

(CSE2920 – Addressing) – Stefan Such

How has your program changed from planning to coding to now? Explain.

This program was (THANKFULLY) slightly challenging, in comparison to the previous set of lessons.

There were a few approaches I couldve taken to write this program: Initially, I thought that I should repeatedly print the reading from the temperature sensor when a button was held down. Then I figured the practice question probably wanted me to read the sensor once per press, so I moved the print statements into the event methods for the buttons.

Addressing the smart phidgets is just as intuitive as addressing a regular phidget.

Also, Java required me to handle PhidgetException when I put *temperatureSensor.getTemperature()* inside of the event method. Luckily, eclipse will auto generate a try-catch loop in this case.

```
if (e.getState()) {  
    try {  
        System.out.println("Temperature 0: " + temperatureSensor0.getTemperature() + " °C");  
    } catch (PhidgetException e1) {  
        // TODO Auto-generated catch block  
        e1.printStackTrace();  
    }  
}
```