

Credit Name: CSE 2920 - CSE Project C

Assignment: ClosingPhidgets

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

```
//Create
TemperatureSensor temperatureSensor = new TemperatureSensor();

//Open
temperatureSensor.open(1000);
```

Temperature sensor object was created and opened.

```
//Use your Phidgets
System.out.println("Temperature: " + temperatureSensor.getTemperature() + " °C" );

//Close your Phidgets
temperatureSensor.close();
System.out.println("Temperature Sensor Was Closed ");
```

I printed the temperature using getTemperature() method and afterwards i closed the sensor, showing the appropriate close message. After this if i tried to print the temperature again it would not print out again as shown below.

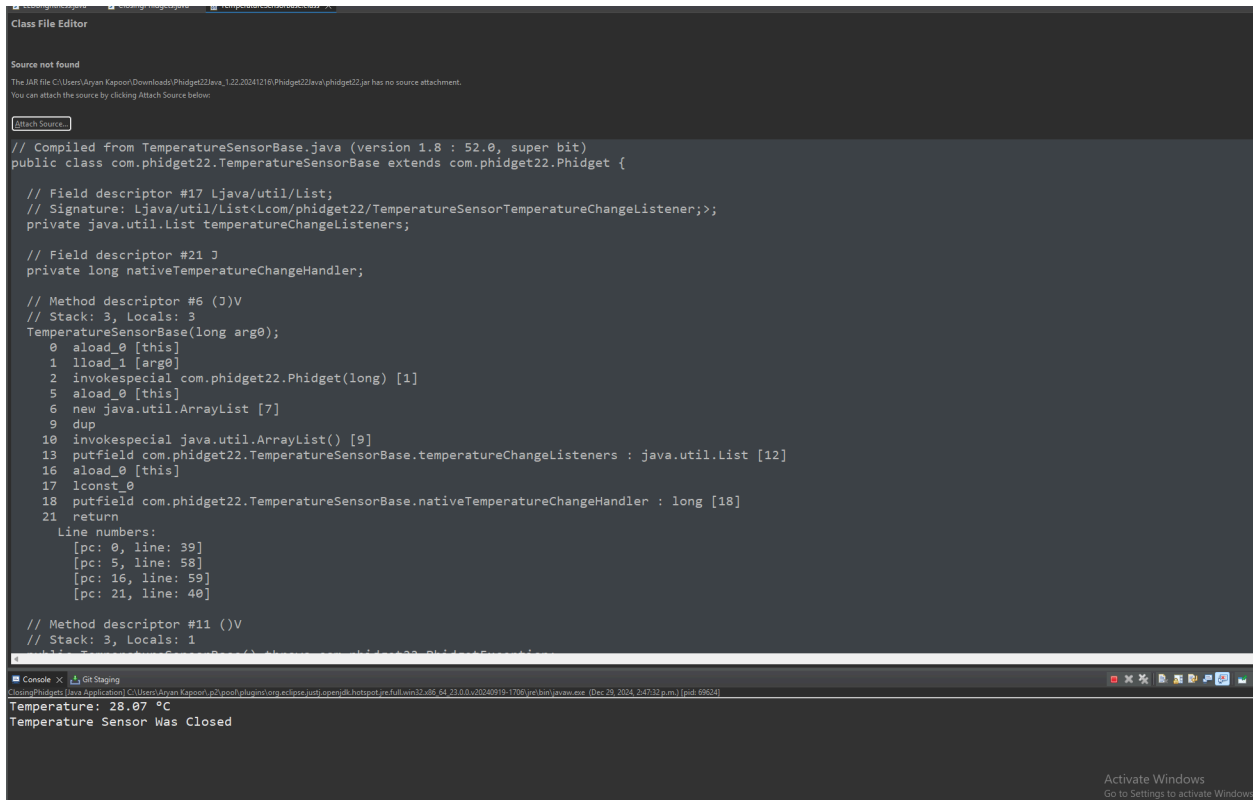
```
//Open
temperatureSensor.open(1000);

//Use your Phidgets
System.out.println("Temperature: " + temperatureSensor.getTemperature() + " °C" );

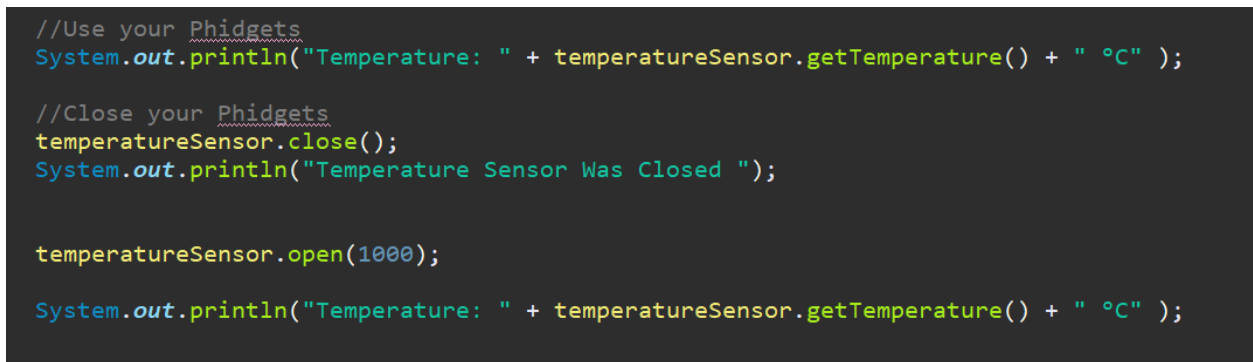
//Close your Phidgets
temperatureSensor.close();
System.out.println("Temperature Sensor Was Closed ");
|

System.out.println("Temperature: " + temperatureSensor.getTemperature() + " °C" );
```

Code



Error.



Now if I open the temperature sensor again, the temperature will print out again.

This shows how phidgets can be closed to stop inputs and outputs to save power, memory or if the phidget needs to be used in multiple programs. The phidget can also be opened again to receive and send outputs and inputs again.