

ReflectionLog: Read Temperature

Youdis

```
import com.phidget22.*;
public class ReadTemperature {

    public static void main(String[] args) throws Exception{

        //Create
        TemperatureSensor temperatureSensor = new TemperatureSensor();

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

Importing phidget library then using that library to create a temperatureSensor object and opening a connection for it.

```
//Use your Phidgets
while (true) {
    System.out.println("Temperature in Farenheit: " + (1.8*temperatureSensor.getTemperature() + 32) + "°F" );
    System.out.println("Temperature in Celsius: " + (temperatureSensor.getTemperature()) + "°C" );
    Thread.sleep(150);
}
```

Changed this while loop from just displaying the temperature the phidget records in celsius to also displaying the temperature in fahrenheit and then letting the thread sleep for 150ms so the while loop doesn't repeat too fast.