READ TEMP AND HUMIDITY

```java
public class ReadTempAndHumidity {
    public static void main(String[] args) throws Exception{

        //Create | Here you've created a HumiditySensor and a TemperatureSensor object for your Humidit
        HumiditySensor humiditySensor = new HumiditySensor();
        TemperatureSensor temperatureSensor = new TemperatureSensor();

        //Open | Open establishes a connection between your object and your physical Phidget. You provi
        humiditySensor.open(1000);
        temperatureSensor.open(1000);

        //Use your Phidgets | This code will print humidity and temperature read by the sensor every 15
        while(true){

            if(temperatureSensor.getTemperature() > 21)
            {
            System.out.println("The temperature is: " + temperatureSensor.getTemperature() + "°C");
            Thread.sleep(500);
            }

            else
            {
                System.out.println("Room is too cold.");
                Thread.sleep(500);
            }

            if(humiditySensor.getHumidity() > 30)
            {
            System.out.println("The humidity is: " + humiditySensor.getHumidity() + "%RH");
            Thread.sleep(500);
            }

            else
            {
                System.out.println("Humidity is too low.");
                Thread.sleep(500);
            }

        }
    }
}
```

I have copied and pasted the code and modified it. In the while loop which is used for the code to repeat, I added an if statement checking if the temperature is greater than 21, which if it is then it will print the temperature, otherwise it will print that the room is too cold. This is done by using temperature () and then comparing the temperature to 21. The second if statement checks if the humidity is greater than 30%, and if it is, the program prints the humidity percentage. Otherwise, the program will display to the user that the humidity is too low.