**Wiring the temperature, light sensor, with the relay**

**Testing the circuit**

1. **ldrtest.py**
2. **testdht.py**
3. **relaytest.py**

**Sending a Gmail email using python**

Example: How to do it in python

**sendemailmultipart.py**

When you use Gmail in your python code to send emails, Gmail will prompt you that [sign-in attempt](file:///C:\Pi%20Club\Pi-Club-Meeting-02-2022\google%20block%20gmail%20account.png) was blocked.

You need to change the security to [make the app less secure](file:///C:\Pi%20Club\Pi-Club-Meeting-02-2022\41.%20set%20gmail%20less%20secure%20app%20access.png)

How to create a Gmail library

**gmailalert.py**

How to create a relay activation library

**activaterelay.py**

Integrating gmailalert.py in our monitoring system

If light level is too low – meaning it ldr reading is high (as it takes longer to charge the capacitor)

* turn lights on

If temperature is too high

* Turn fan on
* **simplesendemailalert.py**