



main.py

diagram.json

Library Manager



```
1 from machine import Pin
2 from time import sleep
3 import dht
4
5 sensor = dht.DHT22(Pin(14))
6 buzzer = Pin(13, Pin.OUT)
7
8 while True:
9     try:
10         sleep(2)
11         sensor.measure()
12         temp = sensor.temperature()
13         if temp > 60:
14             buzzer.on()
15             print("TEMPERATURE ALERT")
16         else:
17             buzzer.off()
18         hum = sensor.humidity()
19         temp_f = temp * (9/5) + 32.0
20         print('Temperature: %3.1f C' %temp)
21         print('Temperature: %3.1f F' %temp_f)
22         print('Humidity: %3.1f %%' %hum)
23
24     except OSError as e:
25         print('Failed to read sensor.')
26
27
```

Simulation

