Temperature Sensor

```
from machine import Pin
from time import sleep
import dht
sensor = dht.DHT22(Pin(14))
buzzer = Pin(13, Pin.OUT)

while True:
  try:
    sleep(2)
    sensor.measure()
    temp = sensor.temperature()
    if temp > 60:
      buzzer.on()
      print(" ")
      print("----->   TEMPERATURE ALERT   <-----")
      print(" ")
    else:
      buzzer.off()
    hum = sensor.humidity()
    temp_f = temp * (9/5) + 32.0
    print('Temperature: %3.1f C' %temp)
    print('Temperature: %3.1f F' %temp_f)
    print('Humidity: %3.1f %%' %hum)
    print(" ")

  except OSError as e:
    print('Failed to read sensor.')
```

main.py | diagram.json | Library Manager

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Simulation