```python
#!/usr/bin/python
#Reads In the temperature every 30 seconds
import os
import time
import sqlite3
import sys
""" Log Current Time, Temperature in Celsius and Fahrenheit
Returns a list [time, tempC, tempF] """
os.system('modprobe w1-gpio')
os.system('modprobe w1-therm')

def readTemp():
    tempfile = open("/sys/bus/w1/devices/28-0416862076ff/w1_slave")
    tempfile_text = tempfile.read()
    currentTime=time.strftime('%x %X %Z')
    tempfile.close()
    tempC=float(tempfile_text.split("\n")[1].split("t=")[1])/1000
    tempF=tempC*9.0/5.0+32.0
    return [currentTime, tempC, tempF]
while True:
 print(readTemp())
    time.sleep(30)
```
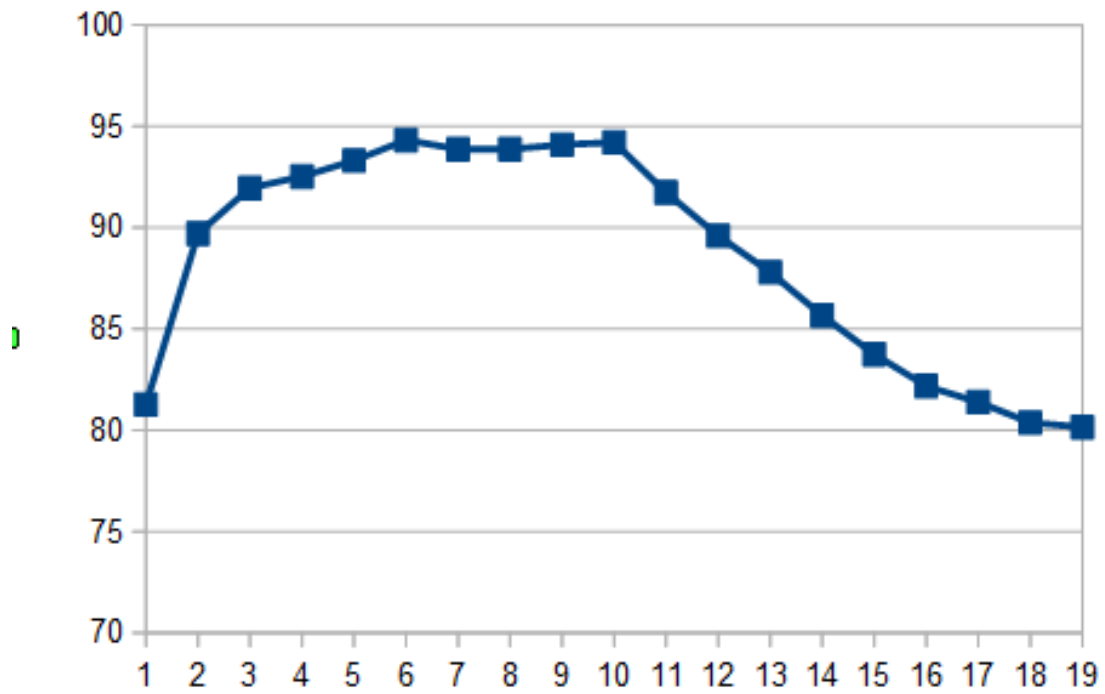Code for reading in every 30 seconds the temp
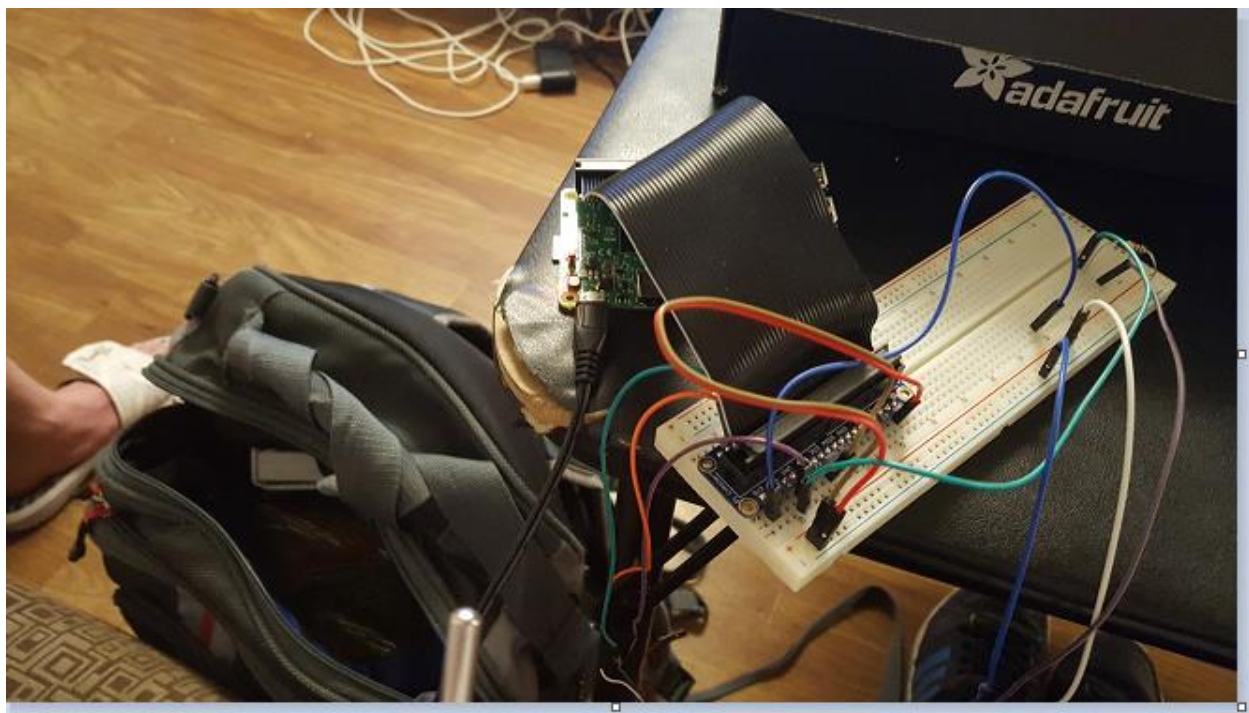
Figure 1: Temp graph

Figure 2: The temperature sensor is being held by my hand so I don't affect the temperature. This is my setup.