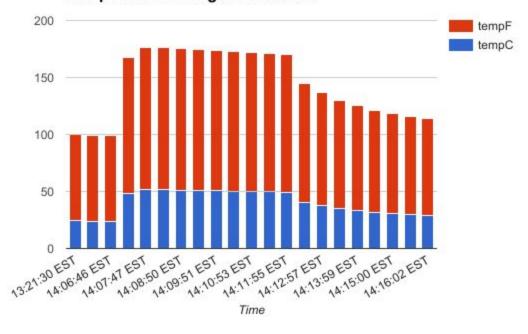


Temperature Change with Coffee



```
import os
import time
import sqlite3 as mydb
import sys
def readTemp():
 tempfile = open("/sys/bus/w1/devices/28-03168b11bbff/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]
def logTemp():
 for i in range(0,20):
       con = mydb.connect('templog.db')
       with con:
       try:
       [t,C,F]=readTemp()
       print "Current temperature is: %s F" %F
       cur = con.cursor()
       #sql = "insert into TempData values(?,?,?)"
       cur.execute('insert into TempData values(?,?,?)',(t,C,F))
       print "Temperature logged"
       except:
       print "Error!!"
       time.sleep(30)
#print readTemp()
logTemp()
```