```python
#!/usr/bin/python
import os
import time
import csv

t_end = time.time() + 60 * 10
""" Log Current Time, Temperature in Celsius and Fahrenheit
        Returns a list [time, tempC, tempF] """
with open('loggerTemp.csv', 'w') as csvfile:
 a = csv.writer(csvfile,delimiter= ",")
 data = ["Date&Time","Celsius","Fahrenheit"]
 a.writerow(data);
 while time.time() < t_end:
    def readTemp():
            tempfile = open("/sys/bus/w1/devices/28-0516921f68ff/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
        data = [[currentTime, tempC, tempF]]
        a.writerows(data)
        return [currentTime, tempC, tempF]
    print readTemp()
    time.sleep(29)
```

Date&Time	Celsius	Fahrenheit
03/08/17 17:39:08 EST	24.312	75.7616
03/08/17 17:39:37 EST	31.5	88.7
03/08/17 17:40:07 EST	32.625	90.725
03/08/17 17:40:37 EST	33.062	91.5116
03/08/17 17:41:07 EST	33.312	91.9616
03/08/17 17:41:37 EST	33.437	92.1866
03/08/17 17:42:07 EST	33.562	92.4116
03/08/17 17:42:36 EST	33.687	92.6366
03/08/17 17:43:06 EST	33.75	92.75
03/08/17 17:43:36 EST	33.875	92.975
03/08/17 17:44:06 EST	34	93.2
03/08/17 17:44:36 EST	33.25	91.85
03/08/17 17:45:06 EST	32.562	90.6116
03/08/17 17:45:36 EST	31.937	89.4866
03/08/17 17:46:05 EST	31.312	88.3616
03/08/17 17:46:35 EST	30.75	87.35
03/08/17 17:47:05 EST	30.187	86.3366
03/08/17 17:47:35 EST	29.687	85.4366
03/08/17 17:48:05 EST	29.187	84.5366
03/08/17 17:48:35 EST	28.75	83.75
03/08/17 17:49:04 EST	28.312	82.9616