Node.js
SQLite
Angular.js

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Node.js

- Installed Raspbian on 8GB memory card
- Installed Node.js using
  - http://blog.rueedlinger.ch/2013/03/raspberry-pi-and-nodejs-basic-setup/
- Followed Node.js tutorial
  - http://www.nodebeginner.org/

MongoDB

- Built and installed MongoDB
  - http://mongopi.wordpress.com/2012/11/25/installation/
- Created a test database. Seemed to work.
  - If not using desktop, run mongod in background
- Couldn’t connect from Node.js

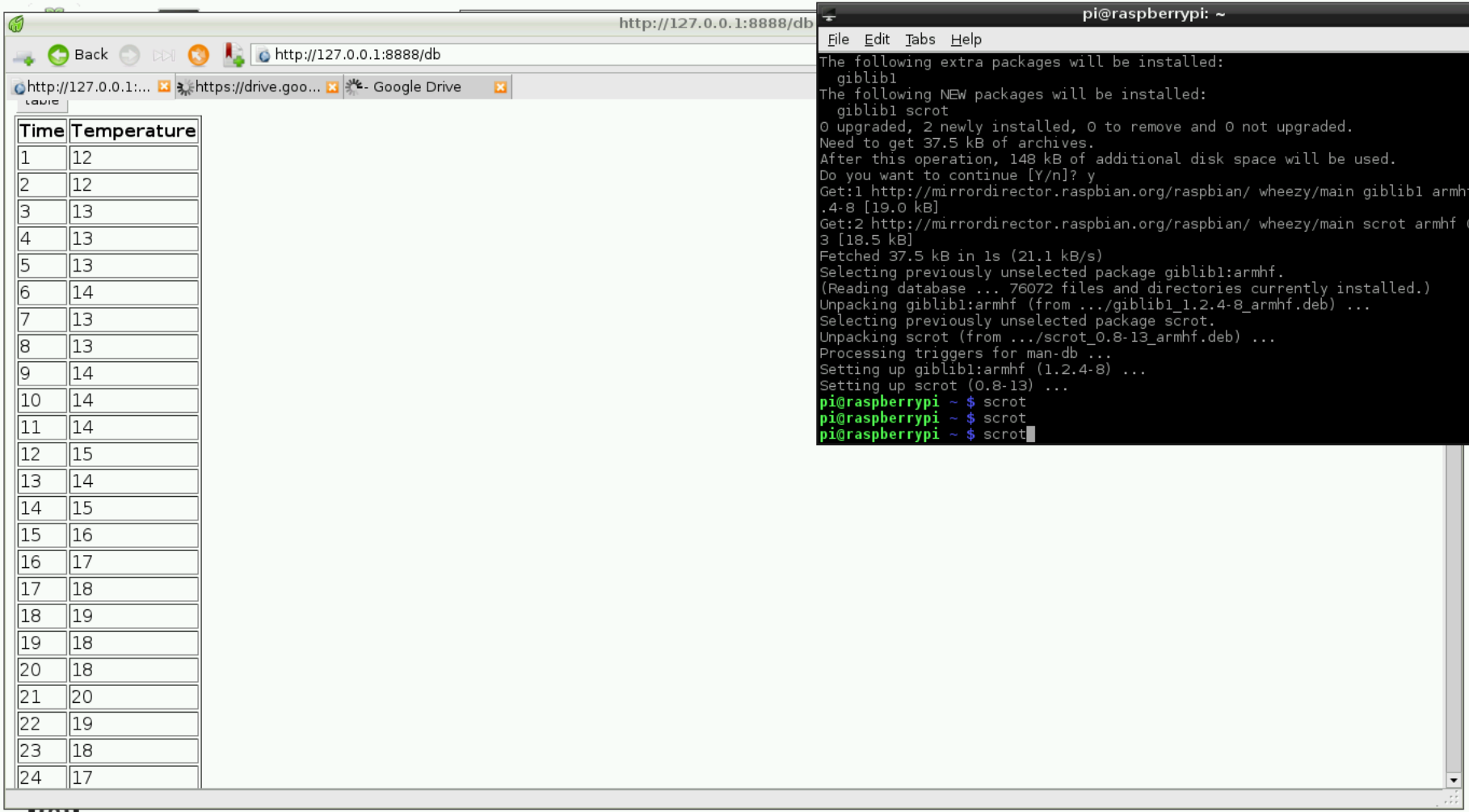
Database: SQLite

- Installed SQLite3
- Installed DBLite node module in the project directory.
  - https://github.com/WebReflection/dblite/
- Created table and populated it with .csv data
  - http://zetcode.com/db/sqlite/
  - Delete title line.
- Was able to display data in a table on website.

Google Charts API

- Downloaded and installed node module Quiche

- Simple to use



Time	Temperature
1	12
2	12
3	13
4	13
5	13
6	14
7	13
8	13
9	14
10	14
11	14
12	15
13	14
14	15
15	16
16	17
17	18
18	19
19	18
20	18
21	20
22	19
23	18
24	17

pi

http://127.0.0.1:8888/db

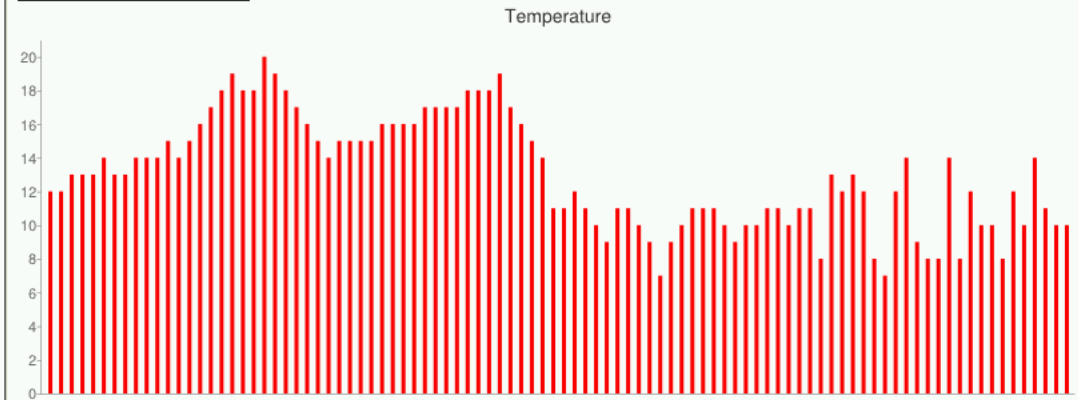
Back

http://127.0.0.1:8888/db

google drive

http://127.0.0.1:... | https://drive.goo... | - Google Drive

12	8
13	14
14	8
15	12
16	10
17	10
18	8
19	12
20	10
21	14
22	11
23	10
24	10



pi@raspberrypi: ~

File Edit Tabs Help

pi@raspberrypi ~ $ scrot

WiFi Config

New

nodejs.sh

Conclusions

- Node.js was difficult for me to understand
- A lot of difficulty connecting Node to anything else
- Tried using Ajax in an html page but kept getting errors
- Tried a server side sleep function
- I'll use Apache next time