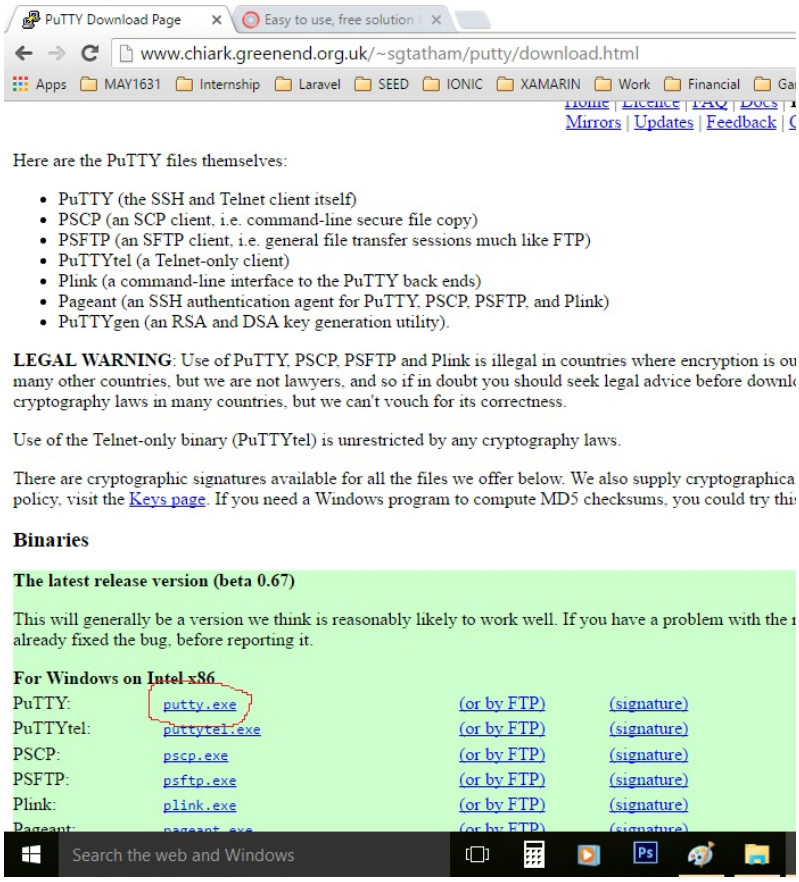
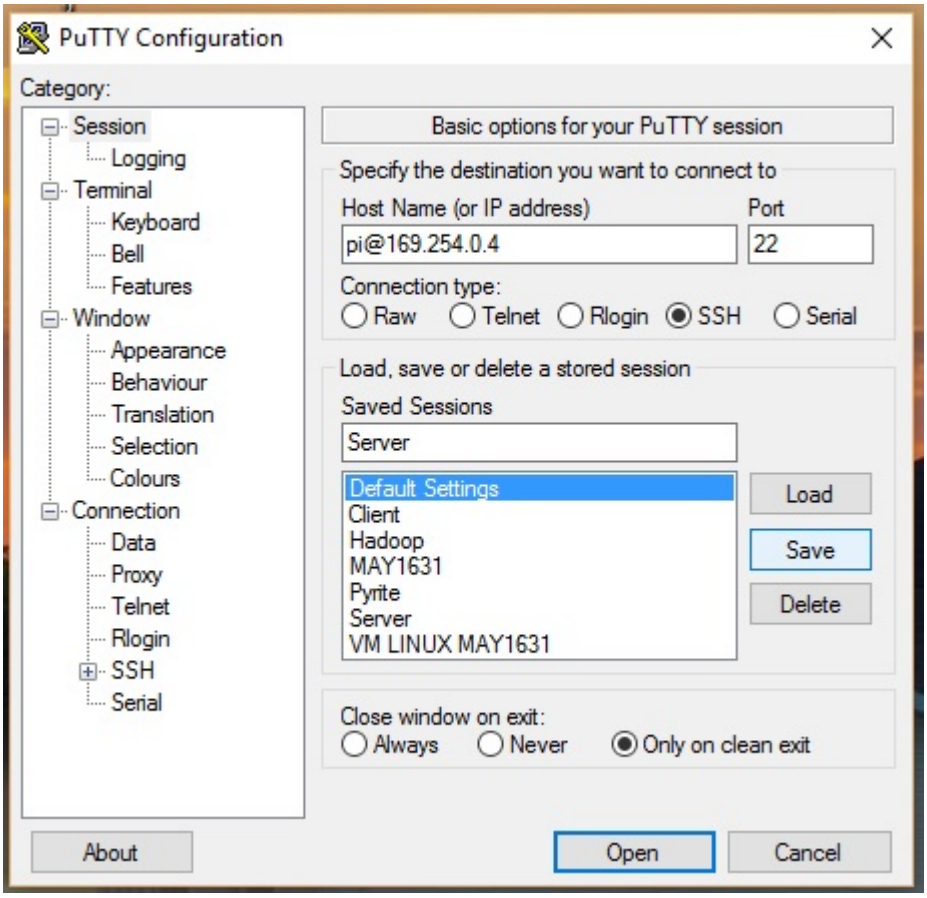
Server Interface

1. Install Putty
    a. Download Putty here :

    http://www.chiark.greenend.org.uk/~sgtatham/putty/download.html



2. Setup a new session in Putty
    a. Host Name : pi@169.254.0.4
    b. Port : 22
    c. Connection type: SSH
    d. Saved Session : Server
    e. Click **Save** to save the setup
    f. Click **Open** to start the session



3. Login into the Server
    a. Password : **raspberry**
    b. Press Enter to cancel the server execution

4. Check the Server Storage
    a. Type in **"df"**
    b. At the very bottom should has a storage for "western_digital" which is the hard disk.
    c. If there is no western_digital, it means that the hard disk is not mounted properly
    d. To mount the hard disk,
        i. **"cd bin/other"**
        ii. **"sudo ./mount_wd.sh"**

5. Get into Server interface mode
    a. Type in **"screen -raAd"**
    b. List of command in server interface
        i. overview – see overview of the system
        ii. help – see list of command
        iii. node list – see all the nodes connected
        iv. node list v – see the details of all the nodes connected
        v. nodex – see more details of node 'x'
            - eg : node0, node1

6. Check the battery level of every camera in the node
    a. Go through all the nodes, node0, node1, node2…..
    b. Identify the camera that has battery less than 65%
    c. Charge the camera

Charging The Cameras

1. Can use **digiCamControl** software to identify the **serial number** and **battery level** of the camera connected to the laptop.
2. Through serial number, can find the **label number** of the camera through **Camera Serial.csv** file

DigiCamControl

Download DigiCamControl here

http://www.digicamcontrol.com/download

(download the stable version)