Exercise 1 PuTTY

Put your SD card in the PI and turn it on.

1. Download PuTTY from <https://www.chiark.greenend.org.uk/~sgtatham/putty/>

(Screenshot)

1. Once the download is complete, open PuTTY and enter the IP that you wrote down.
2. In the Saved Sessions Bar write PI and hit save.
3. Once you have hit save click open. You should see a window appear asking you to log in as. Enter PI. Hit Enter. It will then ask you for your password.
4. Enter your password and then hit enter. Note: It will not show any characters while you type your password.
5. Type sudo apt-get update. Hit Enter. This will update the package lists for upgrades on the Pi.
6. Type sudo apt-get upgrade. Hit Enter. This will install the new versions of the software on the Pi. You will then be asked if you want to continue. Hit Y and enter. This may take a few minutes.
7. After that is complete enter sudo apt-get install cmatrix. Below is some commands you run to change the look.
8. Full screen the PuTTY window, type in date and hit enter. Take a screenshot of the entire window. Save it as Ex01 and submit it to the appropriate D2L submission folder.
9. In your PuTTY window then type sudo shutdown. It will shutdown your Pi after one minute. Once it is shutdown you should get an error message. Close the window. You are then free to power down your Pi and remove your SD card.