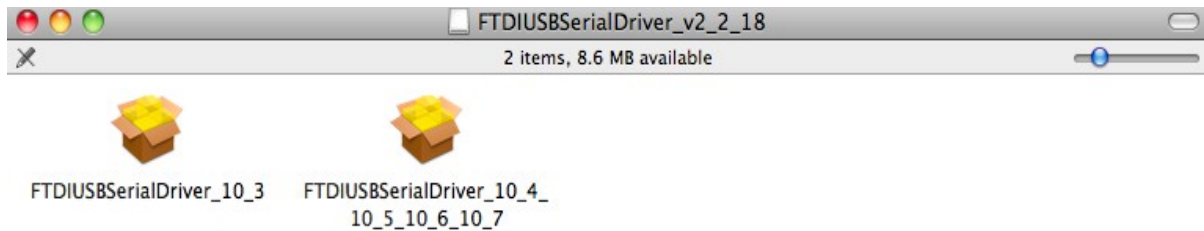# MD Racing

Configuring your Mac for programming of the Lean Protection Module.

For both Windows and Mac you need to install a USB driver that allows your computer to communicate with the module. Both the Windows and Mac versions of the driver are available for download on the Support page. http://www.mdracingkc.com/Support.html
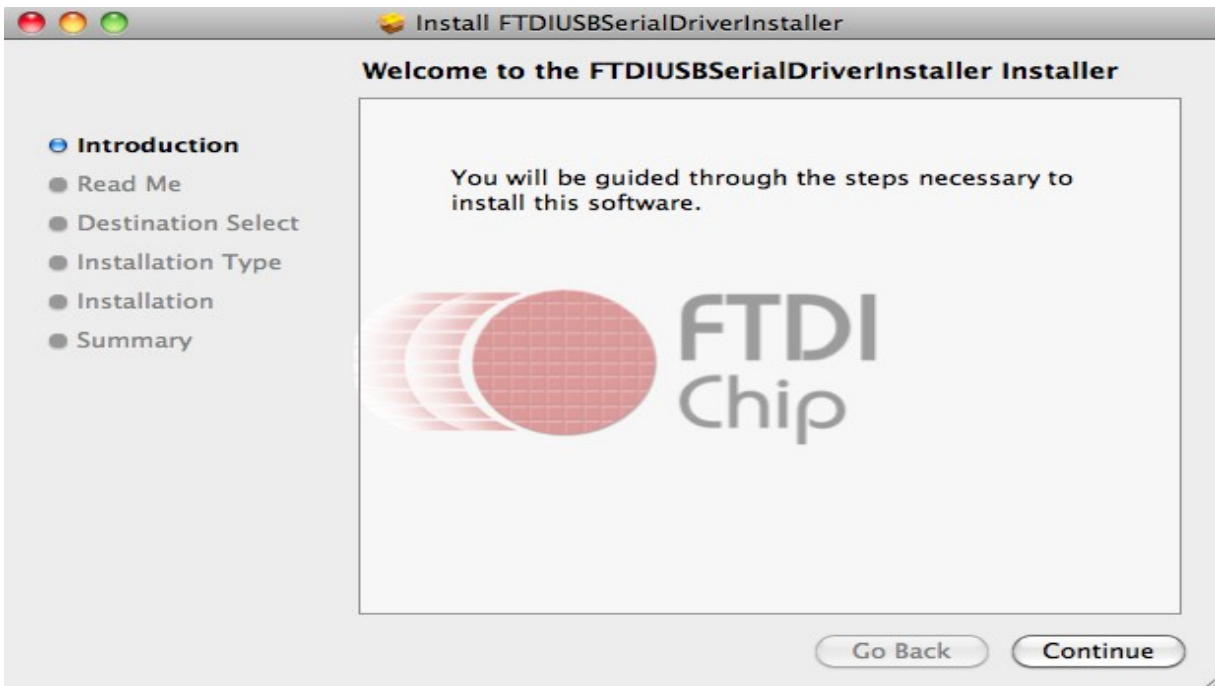
Mac:
After downloading the file FTDIUSBSerialDriver_v2_2_18.dmg you will need to double click it and it will mount up and open a window like this
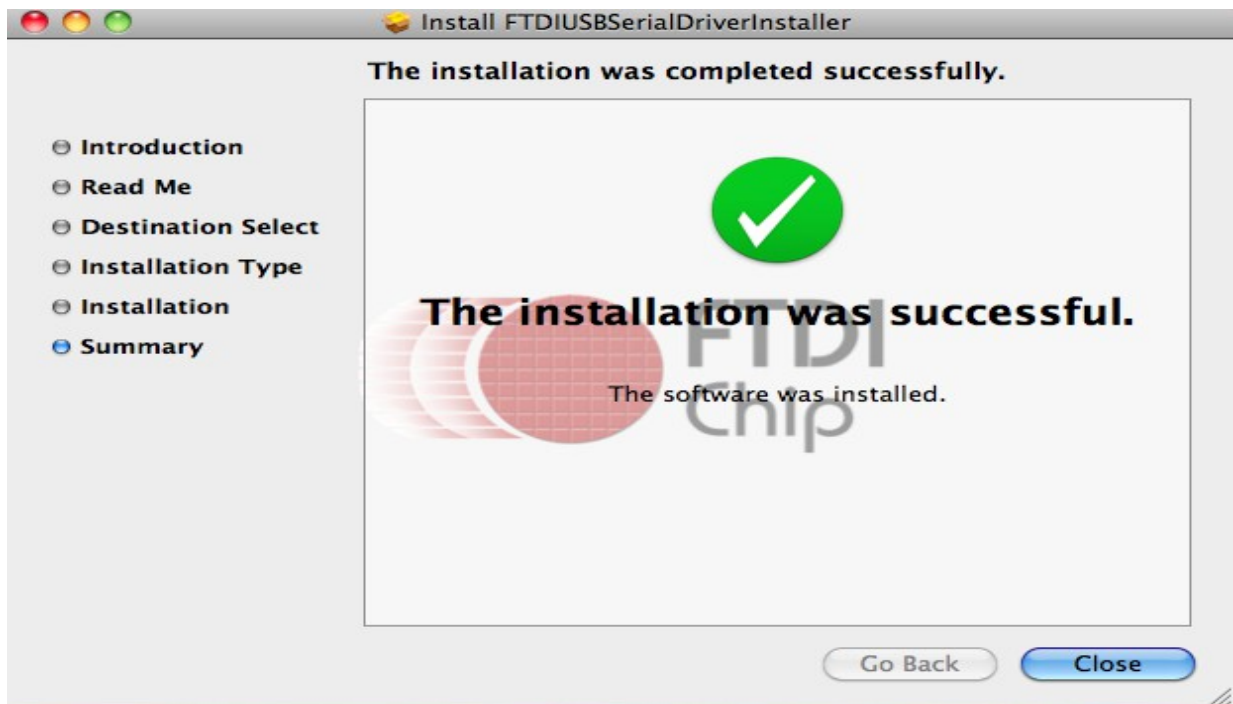

Now double click the file on the right FTDIUSBSerialDriver_10_4_10_5_10_6_10_7 unless you have OSX 10.3 in which case use the one on the left.

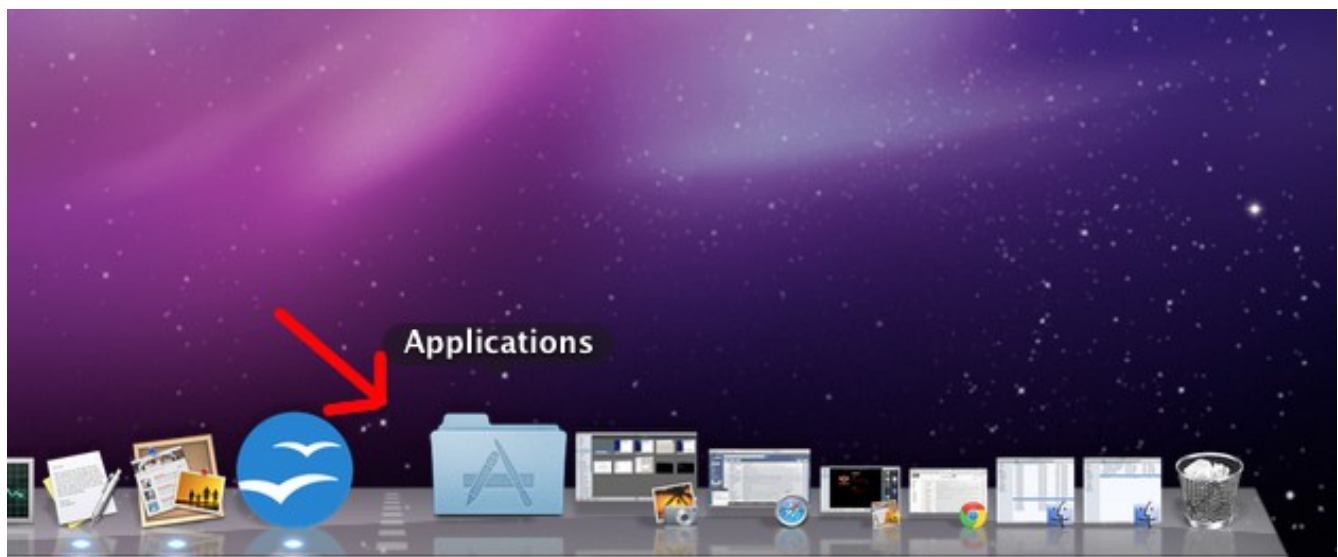Now click on Continue and follow the prompts

At the end you'll get a confirmation all done like this

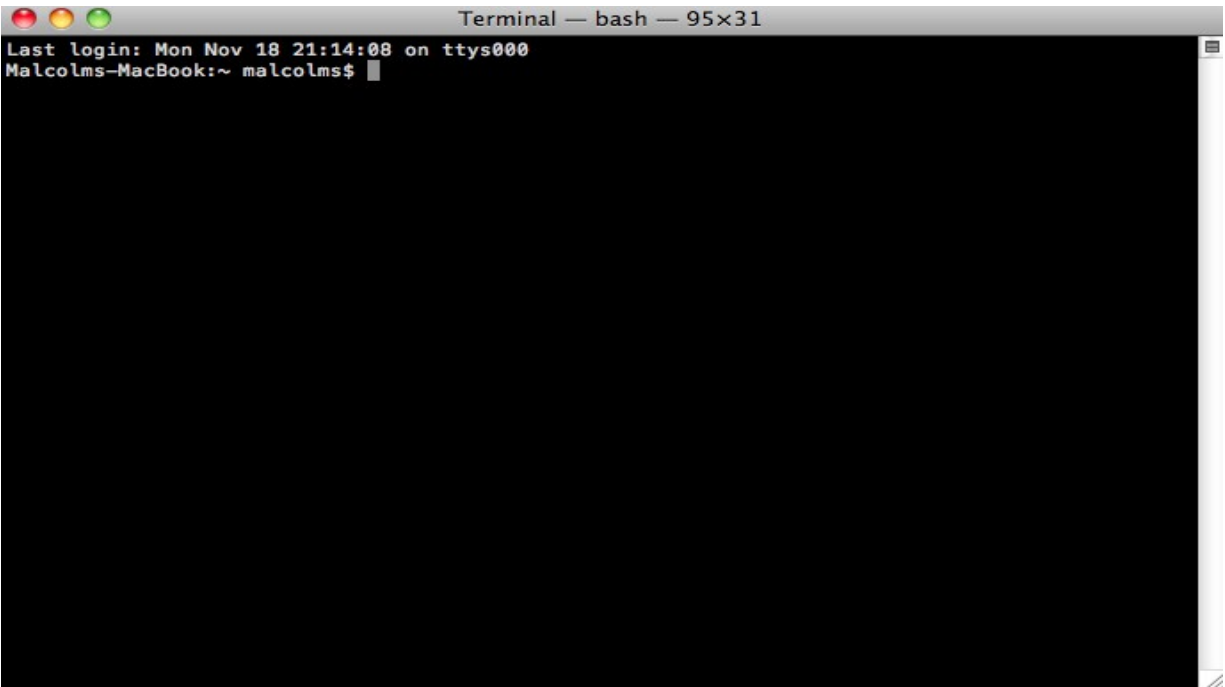Plug in the Lean Protection Module if you have not already.

Now we need to open up the Terminal application that's in Utilities. First go into "Applications". Most have a short cut on the dock like this

Go into Applications and click on "Utilities" and inside of Utilities click on "Terminal" as shown below.
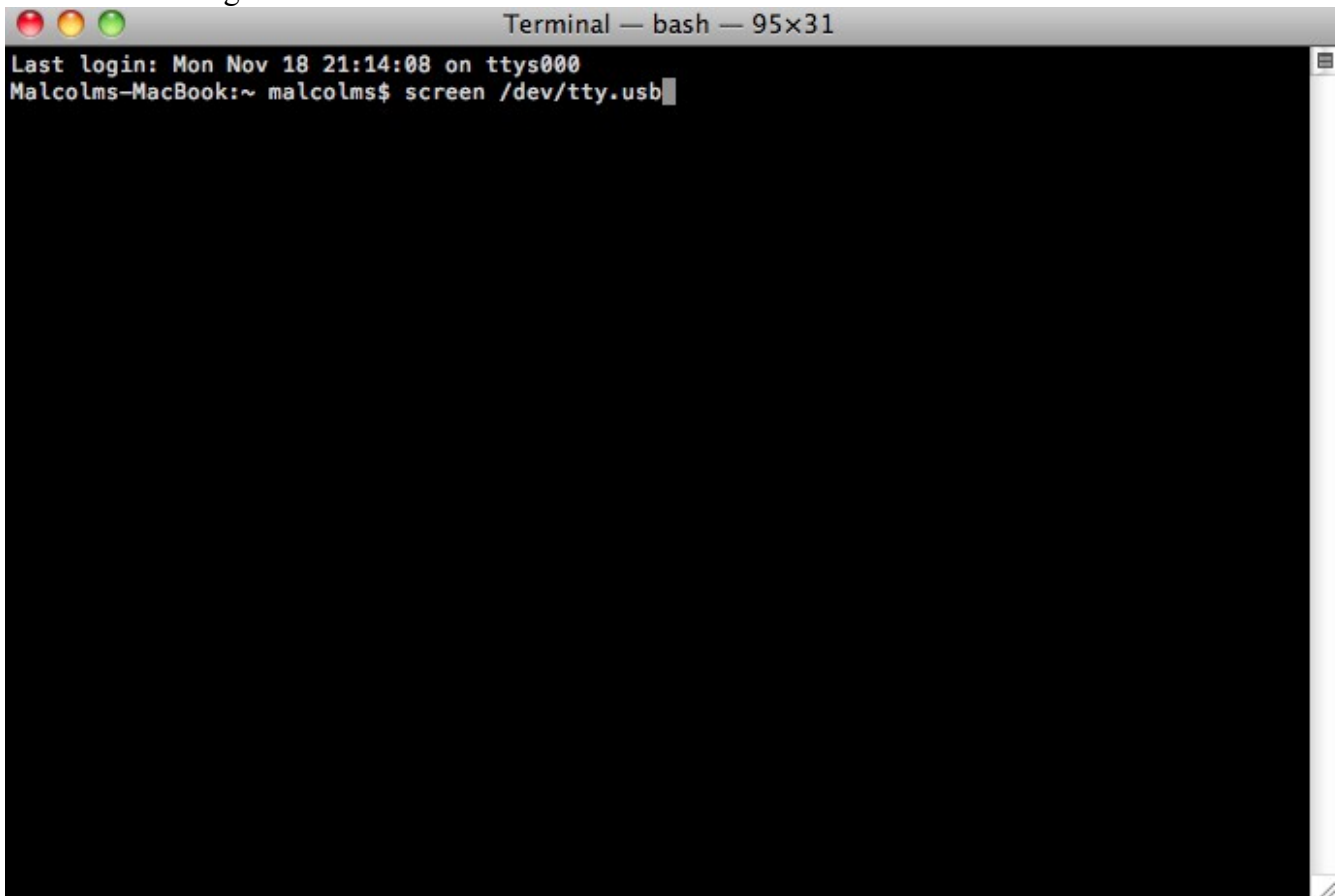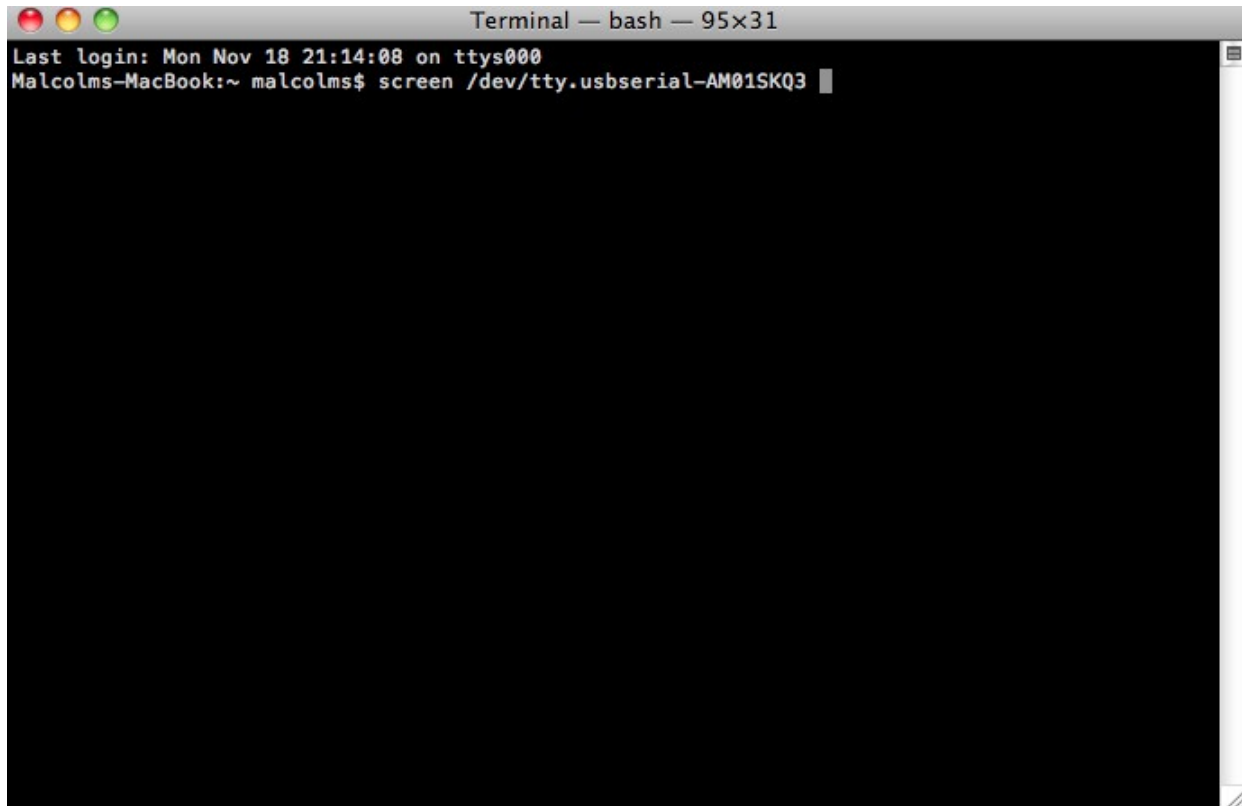
It will open up a blank terminal window like this

Now you can simply type "screen /dev/tty.usb" without the quotes and don't press enter yet.
Should be looking like this

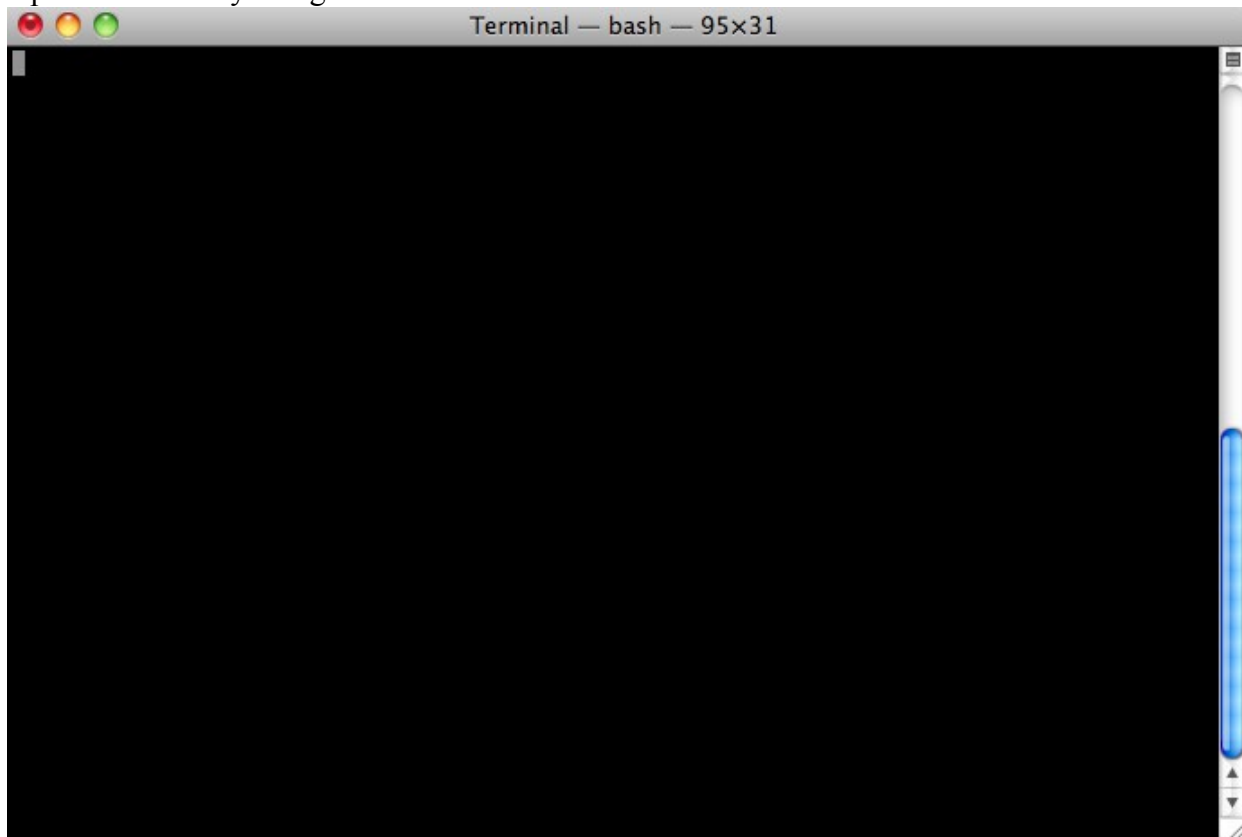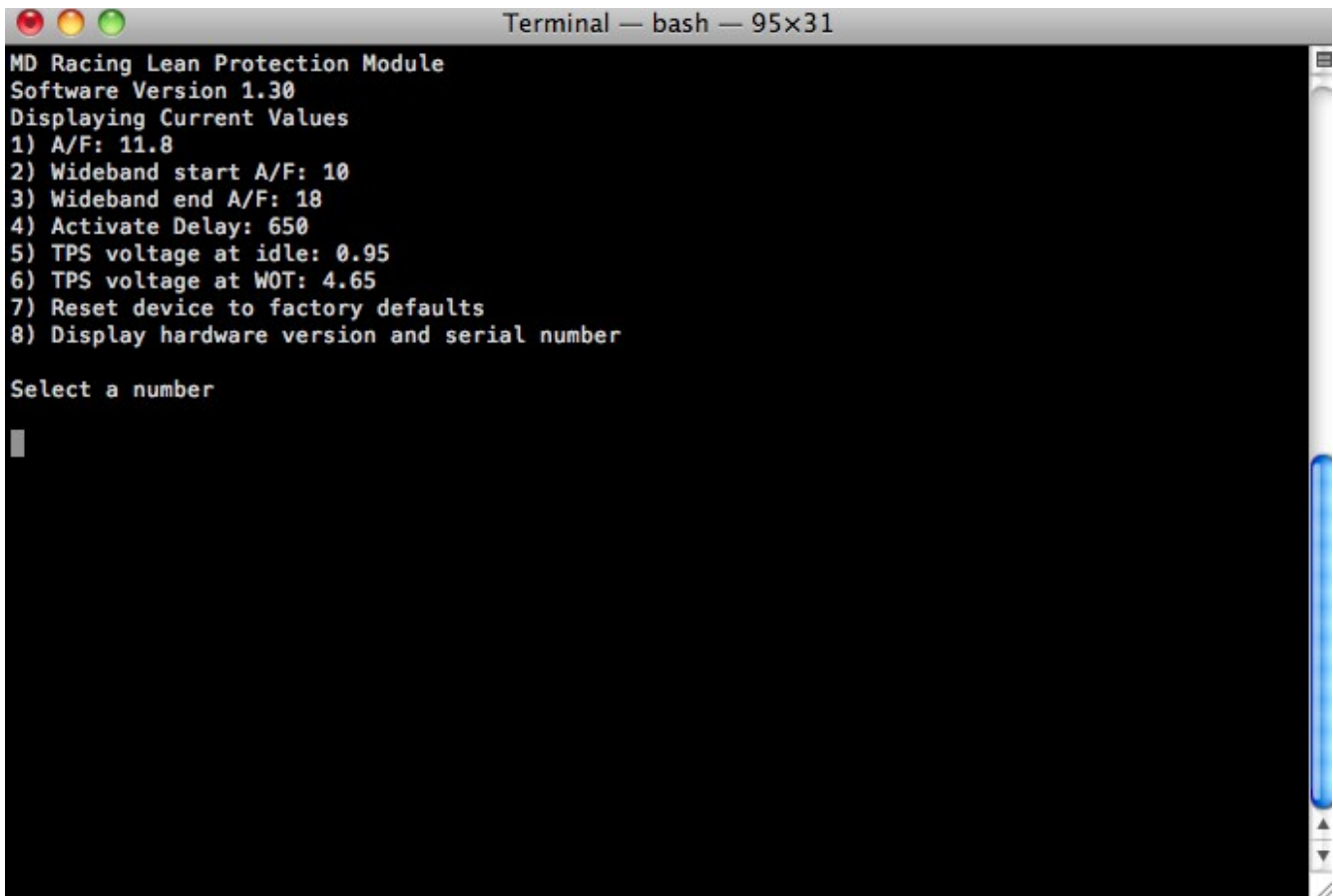At this point hit the "tab" key on your keyboard and it will auto complete the command for you. The mix of letters and numbers will be different for everyone.

```
Last login: Mon Nov 18 21:14:08 on ttys000
Malcolms-MacBook:~ malcolms$ screen /dev/tty.usbserial-AM01SKQ3 ▌
```

Now press enter and you'll get a blank screen like this

Simply press enter a second time and the menu appears.

```
●○○                    Terminal — bash — 95×31
MD Racing Lean Protection Module
Software Version 1.30
Displaying Current Values
1) A/F: 11.8
2) Wideband start A/F: 10
3) Wideband end A/F: 18
4) Activate Delay: 650
5) TPS voltage at idle: 0.95
6) TPS voltage at WOT: 4.65
7) Reset device to factory defaults
8) Display hardware version and serial number

Select a number

▌
```

It's as simple as that. Now you can move on to the programming guide.

TIP:
To disconnect from the module without closing the window you can press CTRL-a and when asked the question "really kill window" press "y".

For rapid reconnect after disconnect (as shown in first tip) simply press the up arrow key to redisplay the last command typed and press Enter.