Getting Started Programming with the Raspberry Pi's

Step One - Connect Hardware to the Raspberry Pi

Plug in a USB keyboard, a USB mouse, an SD card and an HDMI cable connected to the DELL monitor

Turn the monitor on and switch to HDMI input

Last of all, plug in the micro USB power cable


```
raspberrypi login:pi
Password:

pi@raspberrypi ~ $ startx
```

Step Two - Logon and Start the Graphical Interface

At the command prompt, logon as
login:pi
Password:raspberry

NOTE: password will not be displayed on screen.

Type 'startx' and press enter to run the graphical interface

Step Three - Start Scratch

Double-click on the ScratchGPIO 5plus icon on the desktop

ScratchGPIO 5

OR

LXTerminal

```
~ $ sudo idle3
```

Step Three - Start Python

Double-click on the LXTerminal icon to open a terminal
Enter the command 'sudo idle3' and press enter to run the Python IDE as superuser
Chose "File -> New Window" to start a new program