Setup Raspberry Pi

Setting up your Raspberry Pi where there are a number of steps involved. These steps are listed below:

1. Formatting the SD card:
   * You would need a SD card formatter
   * <https://www.sdcard.org/downloads/formatter_4/>
2. Installing operating system images:
   * This step involves a number sub-steps, which are described at
   * <https://www.raspberrypi.org/documentation/installation/installing-images/README.md>
3. **Editing the config.txt for video output:** 
   * First you would need a text editing tool. Notepad++ is a good option, although you can stick with Windows’ Notepad. Notepad++ is a free source code editor – Google it!
   * Please refer to the official documentation for configuration: <https://www.raspberrypi.org/documentation/configuration/config-txt/video.md>
   * Uncomment hdmi\_group and set it for DMT (Display Monitor Timings) standard.
   * Uncomment hdmi\_mode and set it for 1024x768 in resolution at 60Hz.
   * Uncomment hdmi\_drive and set it to be normal hdmi mode.
4. Booting up your Raspberry Pi for the first time:
   * Make sure you correctly set up your hardware. For more details, refer to <https://www.raspberrypi.org/learning/hardware-guide/quickstart/>
5. Logging in with the default username and password:
   * For details, you can refer to <https://www.raspberrypi.org/documentation/linux/usage/users.md>
6. Change your keyboard layout and then reboot:
   * For details, you can refer to 
   * <https://thepihut.com/blogs/raspberry-pi-tutorials/25556740-changing-the-raspberry-pi-keyboard-layout>
7. Setting the hostname to be your student number:
   * Please refer to the official document for this step: <https://www.raspberrypi.org/documentation/configuration/raspi-config.md>