Step 3:
Creating Web Pages

In **LXTerminal** type the command

```
sudo chmod 777 [redacted]c/var/www
```

This will let you edit the web pages on your webserver.

Use the **Start** menu, go into **Leafpad**.

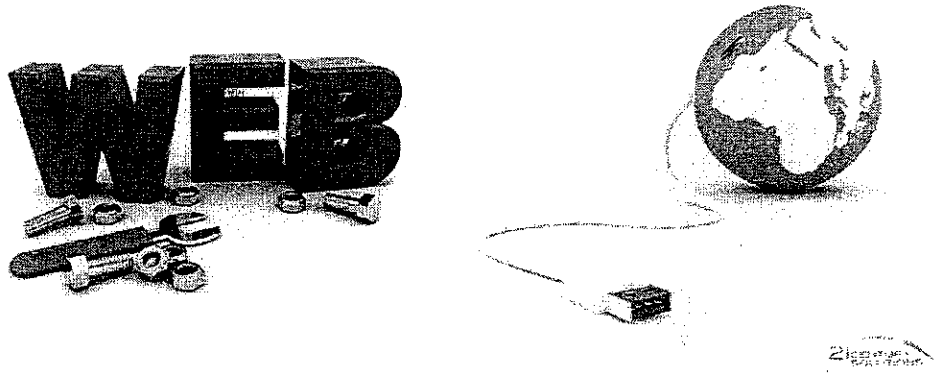
Click **File** > **Open** then go to
Filesystem > var > www and open **index.html**.

The words in <brackets> are called **tags**. These describe how the page should look.

Try changing the words between <h1> and </h1>.
Save the page.

In **Midori**, reload the page and see if it has changed.

Use what you have learned to create a web page about someone who inspires you.



Your Job For Today:

- **Set Up A Webserver**
- **Test The Webserver**
- **Start Creating Web Pages**

Step 1:
Installing a Web Server

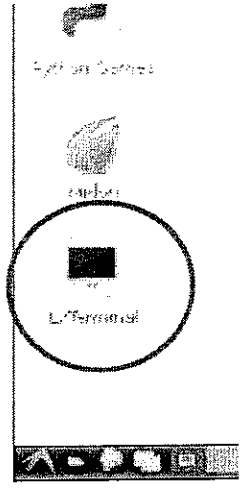
We are going to use a web server program called **Apache2**. More than half of all web sites use Apache2, including the BBC and Wikipedia.

Open **LXTerminal** and type in the following command:

```
sudo apt-get install apache2
```

Apache2 should now install.

You will need to type “y” and press the return key when asked.



Step 2:
Testing the Web Server

In **LXTerminal** type `ifconfig` and look for a series of numbers. Something like

```
10.6.0.21
```

Write down your number here:

This is the **IP address** for **your** raspberry pi.

Open the program **Midori**. This is a web browser (just like Internet Explorer).

In the address bar type in your IP address.

You should a screen that says **It works!**

This means that your web server is running.