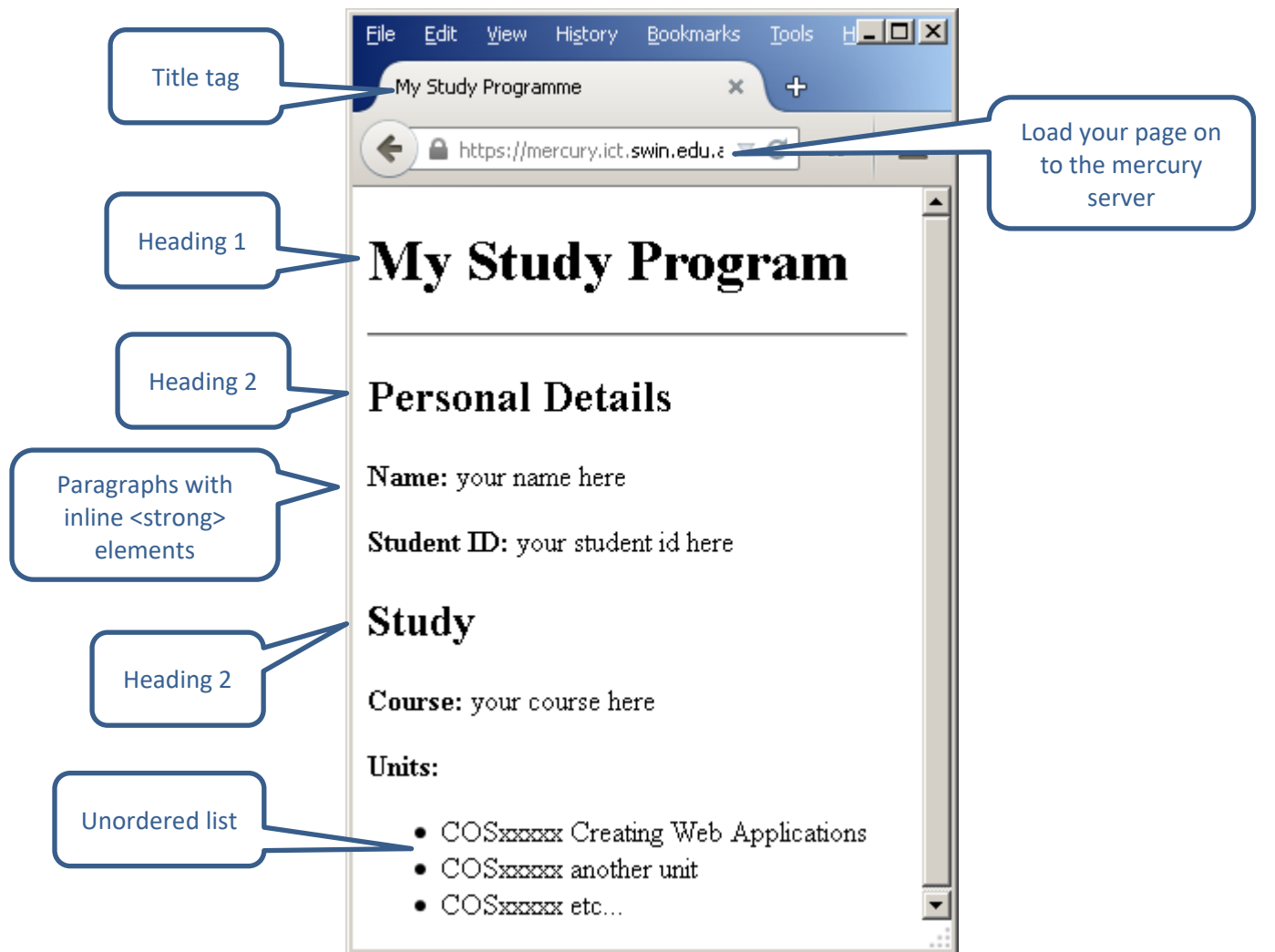


## Task 3 Create a Web page about you

### Step 1: Create the HTML

Use VS code editor on your local computer to open a new file and save it as **mystudy.html** in local folder **lab01**.



### Step 2: Create the HTML structure and header

- At the start of the html text file add a document type declaration
- Create a <html> root element with a <head> and <body> children
- In the <head> element create meta-tags for
  - charset
  - description
  - keywords
  - author
- Give the page a title using the appropriate element

*Check Task 1 Step 4 above if you have forgotten how to do these steps*

---

**Step 3: Create HTML content**

- Within the `<body>` element, create the Web page as shown above with your name, student id, course and units set out as shown. You may need to consult the lecture notes for some of the elements.

**Step 4: Validate your html source file using the W3C validator (as in Task 2)****Step 5: Copy the html source file to Mercury server**

- Load the page onto Mercury
- To view the pages through http, use any Web browser and type in the following address,

`https://mercury.swin.edu.au/<your unit code>/<username>/<folder>/<filename>`

The `<username>` is **s** <your 7 or 10 digit Swinburne ID> and `<your unit code>`. For example

`https://mercury.swin.edu.au/cos10011/s1234567/lab01/mystudy.html`

When the authorization request dialog pops up, use your **SIMS username and password** to confirm access.

**[IMPORTANT]** Send your tutor the link to your web page running on the Mercury server to be marked off.

## Task 4: Firefox Web Developer Tools

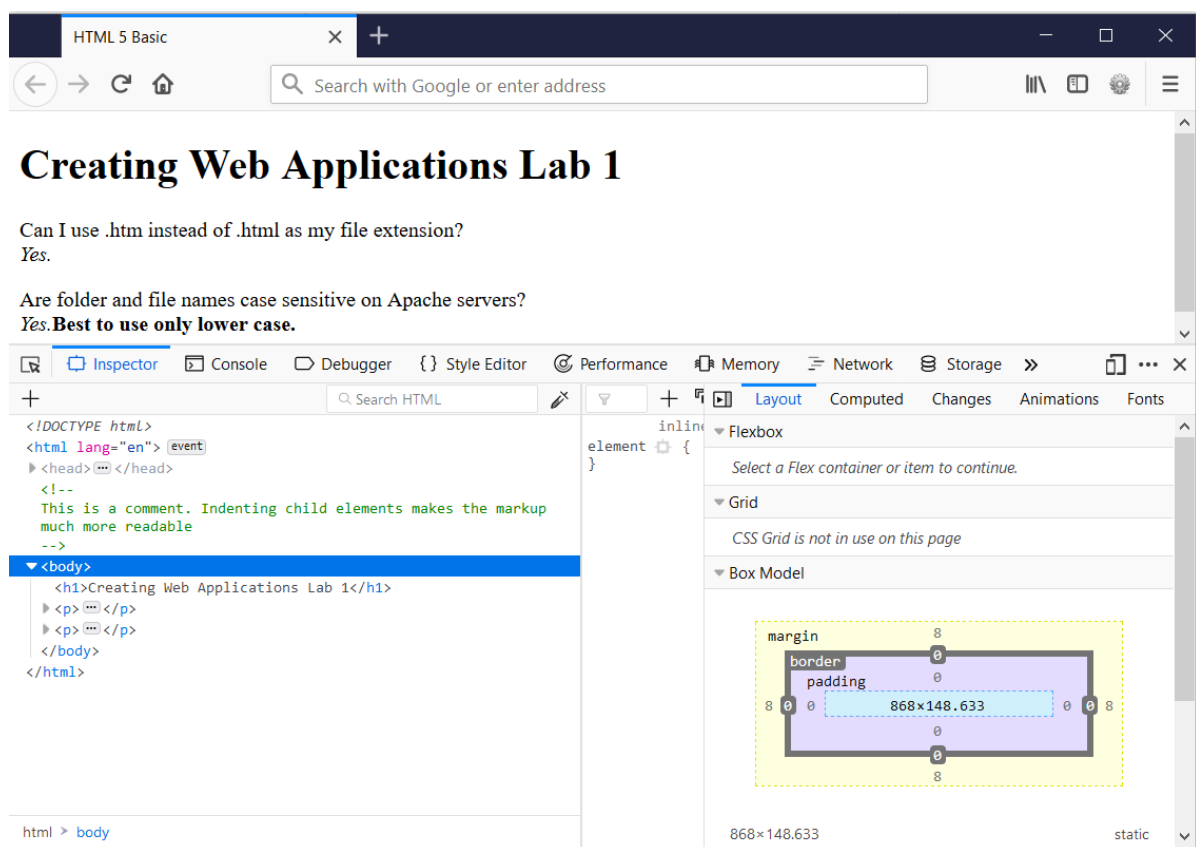
### Built-in Tools

Firefox has a wide range of built-in tools that can assist Web developers.

See <https://developer.mozilla.org/en-US/docs/Tools>

Load the Web page **myhtml.html** you created in Task 1 into the browser, right click on the web page, and from the context menu click **View Page Source**. A window will appear showing the source code you have written.

Load the Web page **myhtml.html** you created in Task 1 into the browser. Click the Firefox menu (Three horizontal parallel lines) at the top-right of your browser window. Select Web Developer > Inspector. You will be able to see a structured tree view of your html file as shown below.



### Add-ons (optional)

Firefox is open source software, and many useful 'Add-ons' / 'Extensions' can be installed into the basic browser. In particular, the '**Web Developer Extension**' tools are probably the most useful, particularly to enable you to check the quality of your HTML and CSS markup.

To **Install** the Add-on / Extension:

- Start Firefox
- Click the Firefox menu (Three horizontal parallel lines) at the top-right of your browser window. Select "Add-ons".
- Click the 'Find more Add-ons' link.
- Search for an extension (for example, 'Html Validator') and install it.
- Explore how to use this extension.