

He has already written the lab assignment, which he wants to do next week in the labs. It's not yet visible, but he can tell us what it contains. He then didn't?
It'll be writing a list of our modules. Using a "definition list" (DL).

HTML (cont.)

Tags (cont.)

Avoid the tag and any other tags that affect the layout directly.

The following tags apply only structure to the document:

- Headline tags (<H1>, <H2>...)
- List tags (, , <DL>)
- The paragraph tag (<P>)
- The container tag (<DIV>)
- New HTML5 elements <HEADER>, <FOOTER>, <SECTION>, <ARTICLE>

Remember that the number in the headline tags refers to how important those headlines are (where H1 is the most important, H2 is the next most important, so on).

www.w3schools.com is a great resource for html which he will be linking to a lot.

	marks an unordered list, where each item has a bullet point
	marks an ordered list, where each item has a number

`<DL></DL>` marks a description list, which has two types of items and is more complicated/nicer than the other two. Items are terms and descriptions. `<DT>` must come before `<DD>`

Websites need to have a `<HEAD></HEAD>` environment as well as `<BODY></BODY>`, and within the head there should also be a `<TITLE></TITLE>` bit:

```
<!DOCTYPE HTML>
<HTML>
  <HEAD>
    <TITLE></TITLE>
  </HEAD>
  <BODY>
  </BODY>
</HTML>
```

(think that's right)

Mentioned "Bootstrap", which is a style sheet Twitter created which makes things look really nice and also be compatible with small screens.

Paragraphs (`<P></P>`) should not be nested. It is bad html.

Use the `</P>` tags for assignments and stuff, but if you're coding a website, don't use those closing tags, since you can use just the opening tag and it'll work fine.

If you're using the closing tags you can get nested paragraphs unintentionally or due to other things.

`<DIV>` tags do very little on their own. They're used with styles a lot, and they are typically heavily nested, so

indentation helps to prevent confusion. Used with `class=""` and `ID=""` parameters.

Things that can go wrong in the lab

There's a document on the class page called "Fixes_and_workarounds.html"

This will help with errors.

He wants us to use Linux because the error messages are easier to understand, and because edits will take effect immediately, since the underlying structure of the network is Linux, whereas it will take longer to take effect in Windows.

Side note based on one of the errors in there:

Reminder to rename/delete the index.html file so the directory can be browsable.

Use the command "LS -a" in konsole when in the correct directory.

You will see the filename, and then 10 characters, e.g.:

```
- r-- r-- r-x
```

The first minus tells you whether it's a file or a directory (it's a d if it's a directory).

For the next set of three, the first is r/-, the second is w/-, the third is x/-.

These stand for read, write, and execute permissions, set three times.

The first three are permissions for yourself, the second three are for everyone else in the same group of users. The third set are for anybody else.

Unfortunately, in our system the webserver is in the third group instead of the second.

The command `"chmod 604 filename.html"` in the konsole sets these permissions. 604 is interpreted as three binary numbers corresponding to the three groups.