TC 6.0 Text editors

In the last module, you used nano, which is a ubiquitous file editor that runs at the root of your machine, meaning it has most permissions satisfied.
You may have learned about the **chmod** command and the rwx format, which is useful here.
What we are seeking beyond nano is what is known as WYSIWYG editors:
"What you see is what you get"

Here are several other text editors you may find useful:
Mac:
Subethaedit
TextEdit (part of OSX)
bbedit
itext express
sublime text

Linux:
gedit
atom
sublime text
GNU emacs
Geany (comes on raspberry pi)
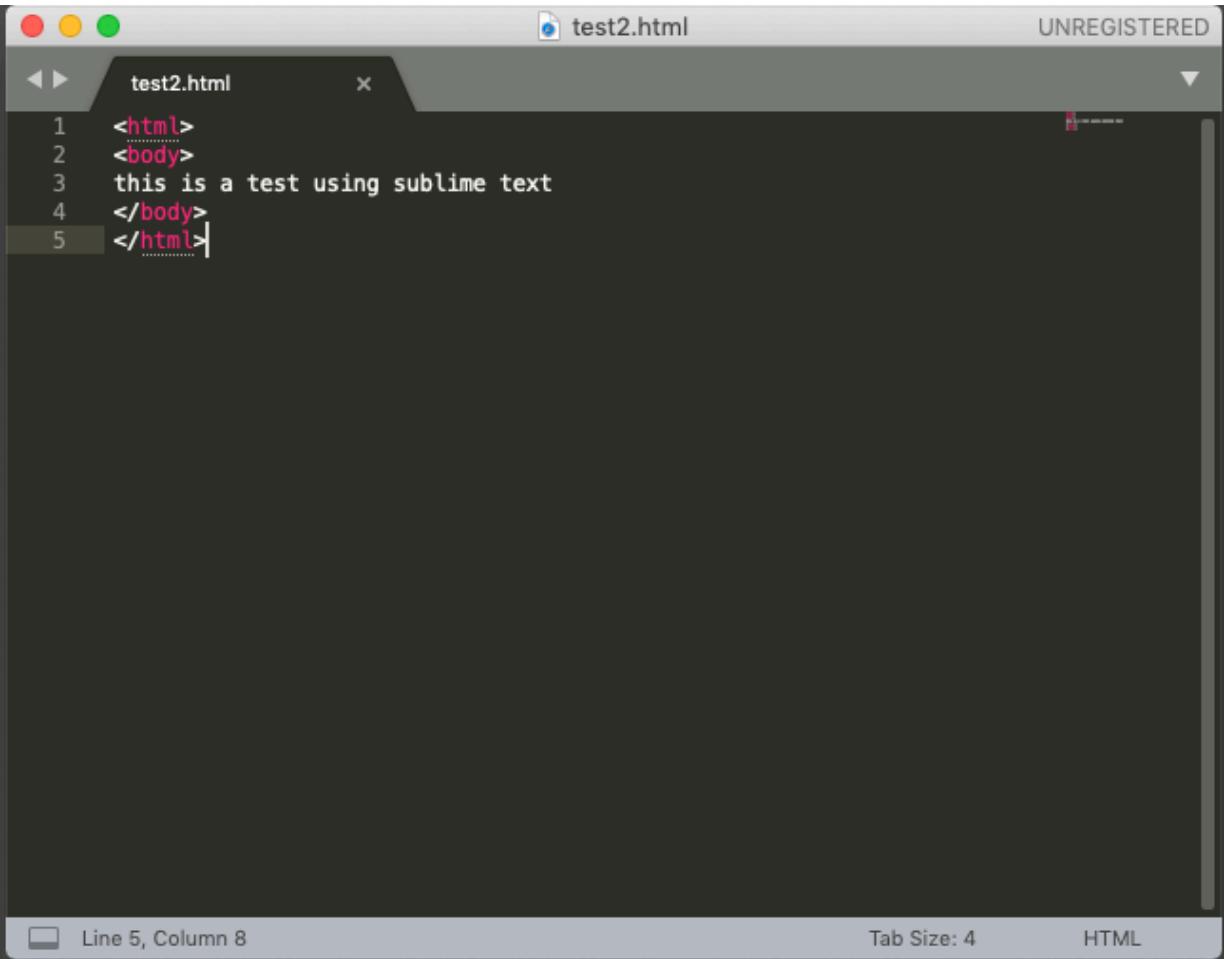
Windows:
sublime text
atom
notepad++
textmate
coda

Test a few of these out, creating both text documents with the .txt suffix (extension) and some html code with the .html suffix.

Here's what sublime text looks like:

test2.html

test2.html ✕

```html
1  <html>
2  <body>
3  this is a test using sublime text
4  </body>
5  </html>
```

Line 5, Column 8   Tab Size: 4   HTML

and how it shows up on safari:

file:///Users/admin/Desktop/

Wikipedia   elab net ⌄   Apple ⌄   NASA ⌄   hpr ⌄   google ⌄   bills ⌄

this is a test using sublime text

Subethaedit
This is a collaboration software, which you can find on the app store.
Have a look at the templates it has for creating documents:

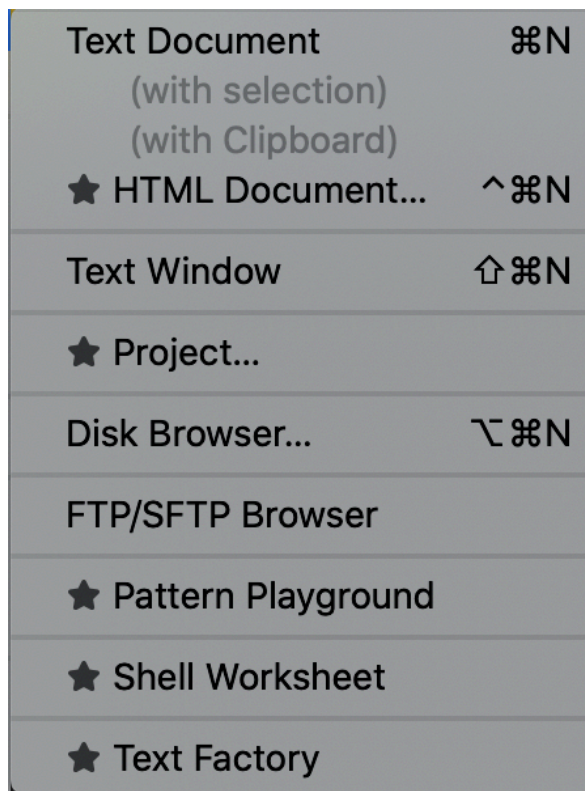| Default	⌘N
ActionScript	
bash	
C	
C++	
Conference	
CSS	
Diff	
EEx	
Elixir	
ERB	
Erlang	
go	
HTML	
Java	
Javascript	
JSON	
LaTeX	
Lua	
Markdown	
Objective-C	
Perl	
PHP-HTML	
Python	
Ruby	
Swift	
TOML	
XML	

It is possible (depending on your router) to collaborate across networks
as well. Try this out for yourself, using the "copy my url" function.

Create some basic html using this, then try "web preview" to see what it looks like.

BBedit
This used to have a free companion called text wrangler, if you still have that, then keep it.
BBedit has some of the same functions as subethaedit:

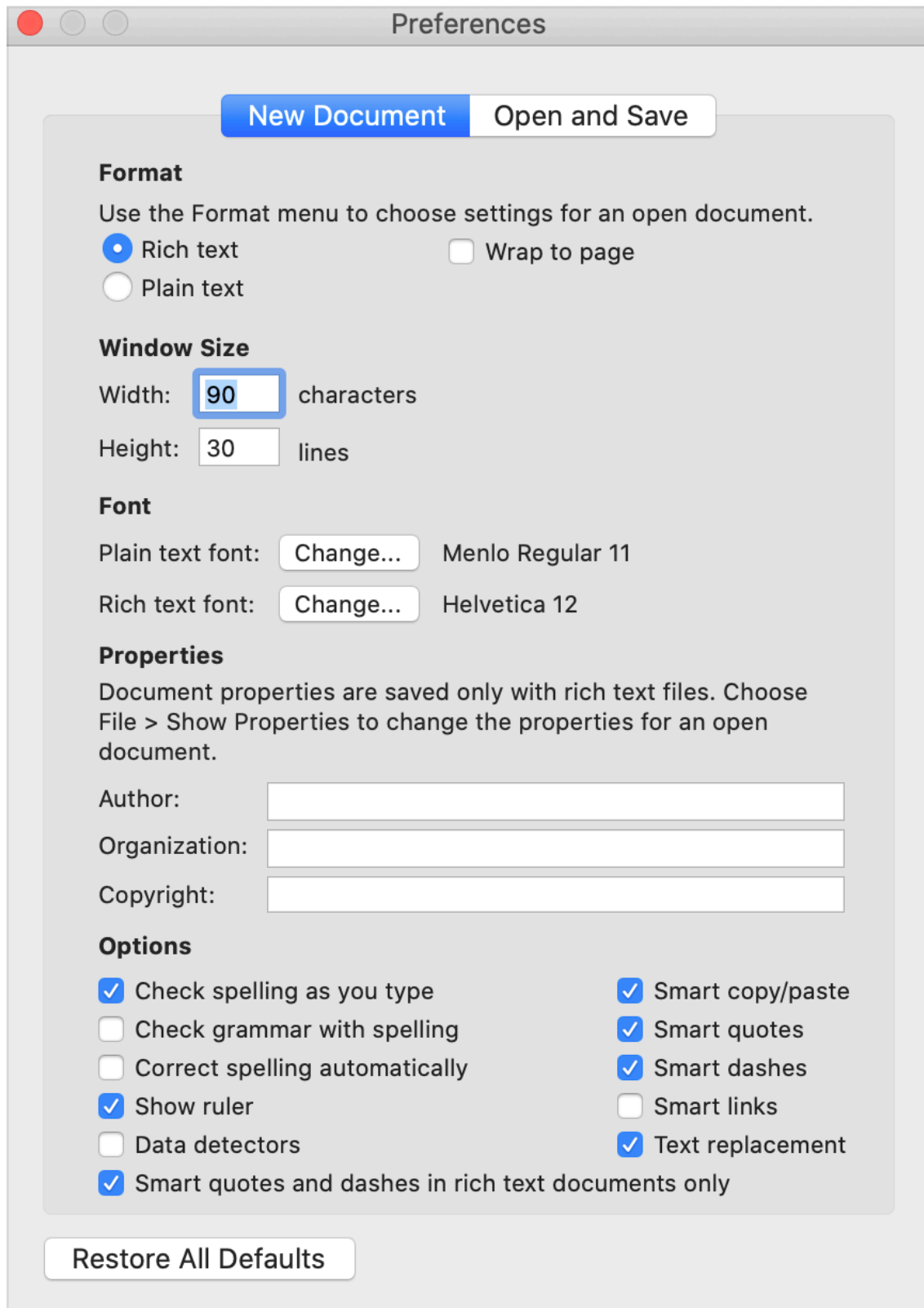|	
Text Document	⌘N
(with selection)	
(with Clipboard)	
★ HTML Document...	^⌘N
Text Window	⇧⌘N
★ Project...	
Disk Browser...	⌥⌘N
FTP/SFTP Browser	
★ Pattern Playground	
★ Shell Worksheet	
★ Text Factory	

But includes such things as command line permissions, meaning it will let you edit things you may not have permission to do, until you sign in. Most other text editors don't give you this option, so you might find it useful.

Text Edit
Part of OSX, this is a basic text program, which until "notes" was used by everyone for their documents, since it just starts with no fancy formatting.
You CAN do html with it, but beware, you will need to adjust the preferences:

Preferences

New Document Open and Save

Format

Use the Format menu to choose settings for an open document.

- ● Rich text
- ○ Plain text

☐ Wrap to page

Window Size

Width: 90 characters

Height: 30 lines

Font

Plain text font: Change... Menlo Regular 11

Rich text font: Change... Helvetica 12

Properties

Document properties are saved only with rich text files. Choose File > Show Properties to change the properties for an open document.

Author:

Organization:

Copyright:

Options

- ☑ Check spelling as you type
- ☐ Check grammar with spelling
- ☐ Correct spelling automatically
- ☑ Show ruler
- ☐ Data detectors
- ☑ Smart quotes and dashes in rich text documents only
- ☑ Smart copy/paste
- ☑ Smart quotes
- ☑ Smart dashes
- ☐ Smart links
- ☑ Text replacement

Restore All Defaults

If you want to create html with this, make sure to create plain text, not rich text, which includes some formatting instructions that will break your html.

Why do you need to know these?
You will often find yourself needing to edit something, perhaps a document, some code, or even a plist of other preference file.
Knowing how to access and read these is another module, but knowing which tools to use once you get there is half the battle.
Things to think about: xml, plists, xcode

——————end of module 6—next: xml——————————