

launch _code

Codergirl - JavaScript

Class 12

May 12, 2021

Agenda

- Studio recap – end at 6:00 pm
- Lecture – end at 6:30 pm
- Exercise – end at 7:00 pm



Studio – Classes



Terminal

The application responsible for running a CLI is called a **terminal** and the program interpreting the commands is called the **shell**.

sudo Commands for installing software (like admin rights)

What's the magic word
to get what you want?

sudo

File System and Paths

Folder = directory.

Root directory.

Windows = C drive

Mac = cd and it takes you to root.

Relative path of files – exercise.

Ctrl C is to kill process running.

Exit is to close window.

Basic Terminal Commands

Command	Result
<code>ls</code>	Lists all files and folders in the current directory.
<code>cd <new-directory></code>	<code>cd</code> stands for <i>change directory</i> . Navigates from the current directory to <code>new-directory</code> .
<code>pwd</code>	<i>Print working directory</i> . Prints the path of the current directory.
<code>mkdir <new-folder></code>	<i>Make directory</i> . Creates <code>new-folder</code> inside the current directory.
<code>touch <new-file></code>	Creates a file called <code>new-file</code> in the current directory.
<code>rm <old-file></code>	Removes <code>old-file</code> from the current directory.
<code>man <command></code>	<i>Manual</i> . Prints to the screen the manual pages for the <code>command</code> . This includes the proper syntax and a description of how that command works.
<code>clear</code>	Empties the terminal window of previous commands and output.
<code>cp <source-path> <target-path></code>	<i>Copies</i> the file or directory at <code>source-path</code> and puts it in the <code>target-path</code> .
<code>mv <source-path> <target-path></code>	<i>Moves</i> the file or directory at <code>source-path</code> from its current location to <code>target-path</code> .

Terminal Exercises

Create a new folder called -

File called – favfoods.txt

Add foods.

Copy and Move file, delete the copied file

Check the file got moved, clear and exit.

HTML - Hypertext Markup Language

Hypertext is text that includes references to other text known as hyperlinks.

Markup languages. Markup languages annotate the text of a document and define the structure.

- Template to create web pages
- made up of elements and tags.
- `<element type>content</element type>`

Browser(request) -> Server(HTML)->Browser

CSS – Formatting the content



HTML - structure

```
1  <!DOCTYPE html>
2  <html>
3      <head>
4          <title>My Web Page</title>
5          content
6      </head>
7      <body>
8          content
9      </body>
10 </html>
```



HTML - tags

Tag Name	Code	Definition
Bold	<code></code>	When surrounding text, makes that text bold.
Emphasis	<code></code>	When surrounding text, makes that text italic.
Hyperlink	<code><a></code>	Creates hyperlinks.
Image	<code></code>	Denotes images.
Break	<code>
</code>	A single line break.
Paragraph	<code><p></code>	Creates a paragraph in text.
Section	<code></code>	Makes a section in text.
Division	<code><div></code>	Defines an area of the page.
Form	<code><form></code>	Creates a form for user input.
Unordered List	<code></code>	Creates an unordered list.
Ordered List	<code></code>	Creates an ordered list.
List element	<code></code>	Denotes an element of the list. This tag is used for both ordered and unordered lists.
Table	<code><table></code>	Creates a table on the page.
Heading Level One	<code><h1></code>	Creates a heading in the text.

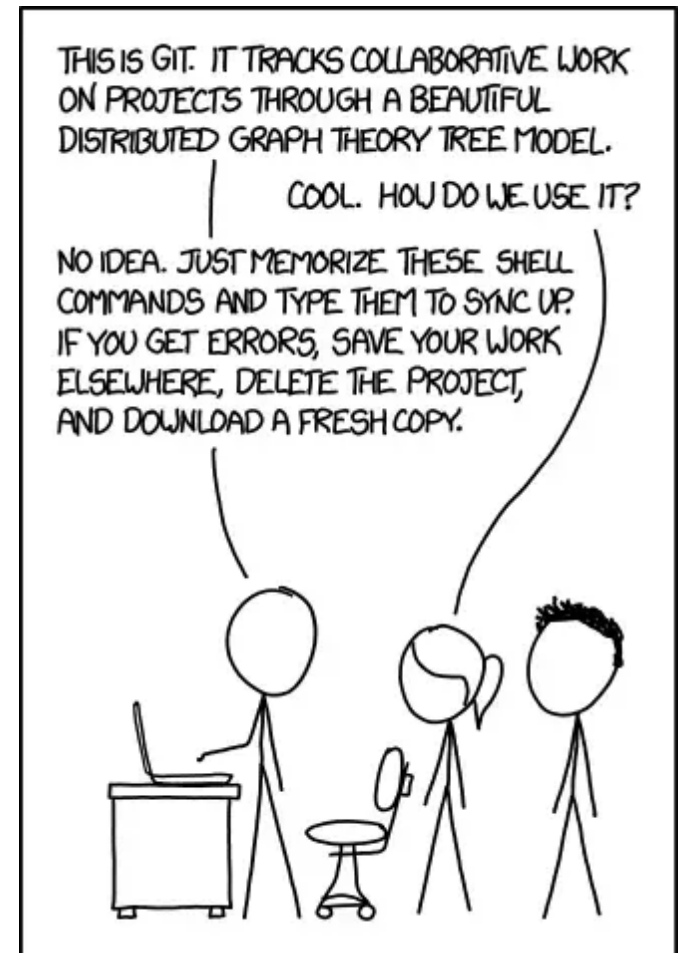
HTML – tags and attributes

```
<!DOCTYPE html>
<html>
  <head>
    <title>Plant-Loving Astronauts</title>
  </head>
  <body>
    <h1>Space Plants Are Cool</h1>
    <p>NASA discovers that plants can live in <b>outer space</b>. More innovations
    <img src = "space-flower.jpg" alt = "Flower floating in space.">
    <!-- This image was taken by NASA and is in the Public Domain -->
  </body>
</html>
```

HTML Exercises

GIT

- Background and installation.
- Remote repo on github.
- Public and Enterprise.
- Creating Repo.
- Commit best practices.
- Clone.
- Branches.
- Merging code.



GIT Exercises

<https://education.launchcode.org/intro-to-professional-web-dev/chapters/git/exercises.html>

In case of fire



1. git commit



2. git push



3. leave building

Questions?



Studio time!