A WORD ABOUT FILE EXTENSIONS

- `.` make them visible!

A WORD ABOUT FILE NAMES

delimiter

```
/usr/c/a.py
```

letters
numbers
underscore
& - hyphens
only - please!

A WORD ABOUT "WHITESPACE" & HTML
null
TAGS

1. STRUCTURE (BROWSER)
   `<html>`, `<head>`, `<body>`

   search engines use this info

2. TITLES, HEADINGS & PARAGRAPHS
   `<title>`, `<h1>`, `<h6>`, `<p>`

   info here goes in title tab of browser

3. COMMENTS
   `<!-- -->`

   this is ignored by your browser

   ① use comments to describe the page
   ② to help you work on page
   ③ to debug

   basic content goes in paragraph
   search engines use this too
   think of these like an outline of a paper or book
   = not for formatting purposes (really)
Structure of HTML Page

```
<html>
    <head>
        <title></title>
        <head>
    </head>
    <body>
        the content of your web page
    </body>
</html>
```

- `<html>` contains the entire page.
- `<head>` is required for HTML5.
- `<title>` and `<head>` provide browser-specific information.
- `<body>` contains the content of your web page.
lists are a general purpose container for collections of things

3 TYPES

ORDERED LISTS

- ordered list
- numbered

```
<ol>
  <li>___</li>
  <li>___</li>
</ol>
```

list item

FAVORITE BOOKS
1. ___
2. ___
3. ___
100. ___

UNORDERED LISTS

- unordered list
- unnumbered (bulleted)

```
<ul>
  <li>___</li>
  <li>___</li>
</ul>
```

list item

NEW YEAR GOAL
- ___
- ___
- ___

NOTE: they have 2 parts

DEFINITION LISTS

- glossaries

```
<dl>
  <dt>TERM</dt><dd>definition term</dd>
  <dt>Definition</dt><dd>definition description</dd>
</dl>
```
NESTING LISTS

Do this instead:

```html
<ul>
  <li> A </li>
  <li> B </li>
  <ul>
    <li> X </li>
    <li> Y </li>
    <li> C </li>
  </ul>
</ul>
```

```html
<ul>
  <li> B 
      <ul>
        <li> X </li>
        <li> Y </li>
      </ul>
  </li>
  <li> C </li>
</ul>
```
WORKING WITH LINKS

- anchor tag!
  - use this to link to other pages etc.
  - URL
  - clickable part

- your attribute goes here

The anchor tag needs two things:

1. the URL
2. the clickable text/image

"hypertext reference"

href attribute
Relative & Absolute Addresses

URL

servers:

Linux
UNIX
Win
Mac OS
root

/home

math

X:\py

ut

y\docx

current directory

absolute path

\usr/mary/math/x.py

path

\relativer path

math/x.py