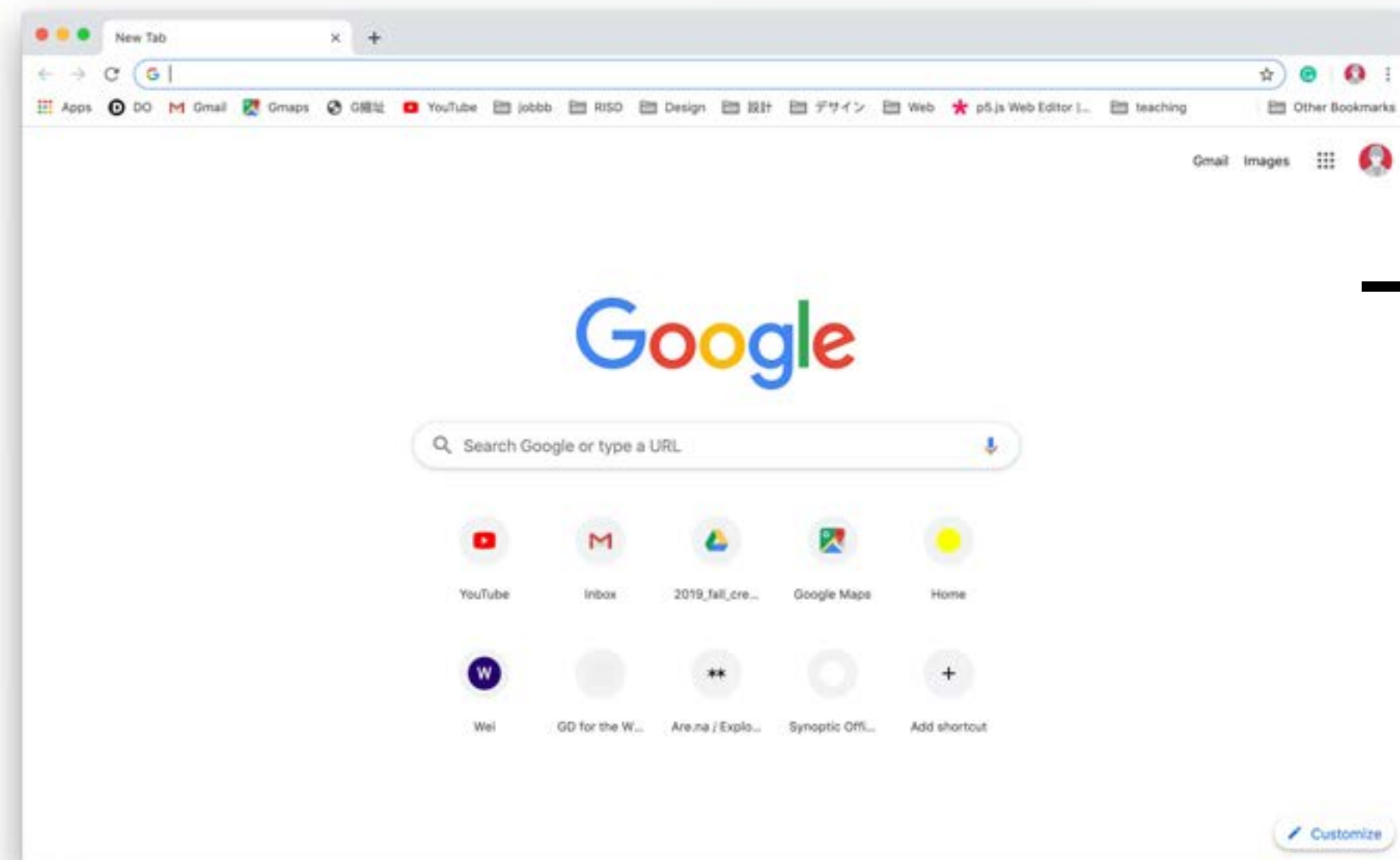# Basic Computing

1. Internet

2. URL & Paths

3. File extensions

4. Color mode: RGB? CMYK?

5. HTML, CSS, and JavaScript

# Internet

Client

Server



request

serve

# Internet

Frontend? Backend?

# Internet

Frontend deals with

What the users can see
the appearance of the website
HTML, CSS, etc.

Backend?

# Internet

Frontend deals with

What the users can see:
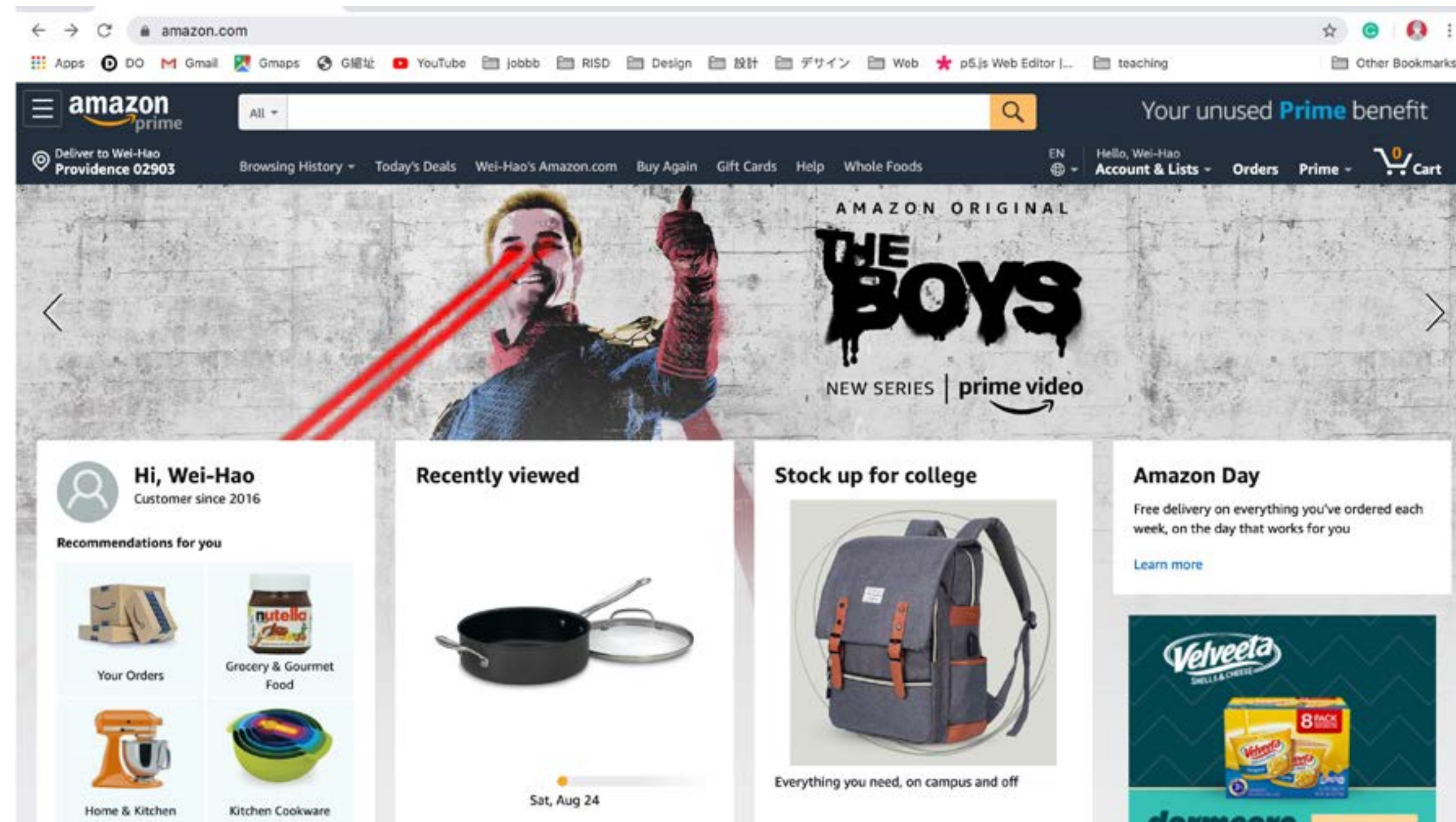The appearance of the website
HTML, CSS, etc.

Backend deals with

What the users can't see:
Server, database, security

# Internet

## Frontend deals with:



## Backend deals with:

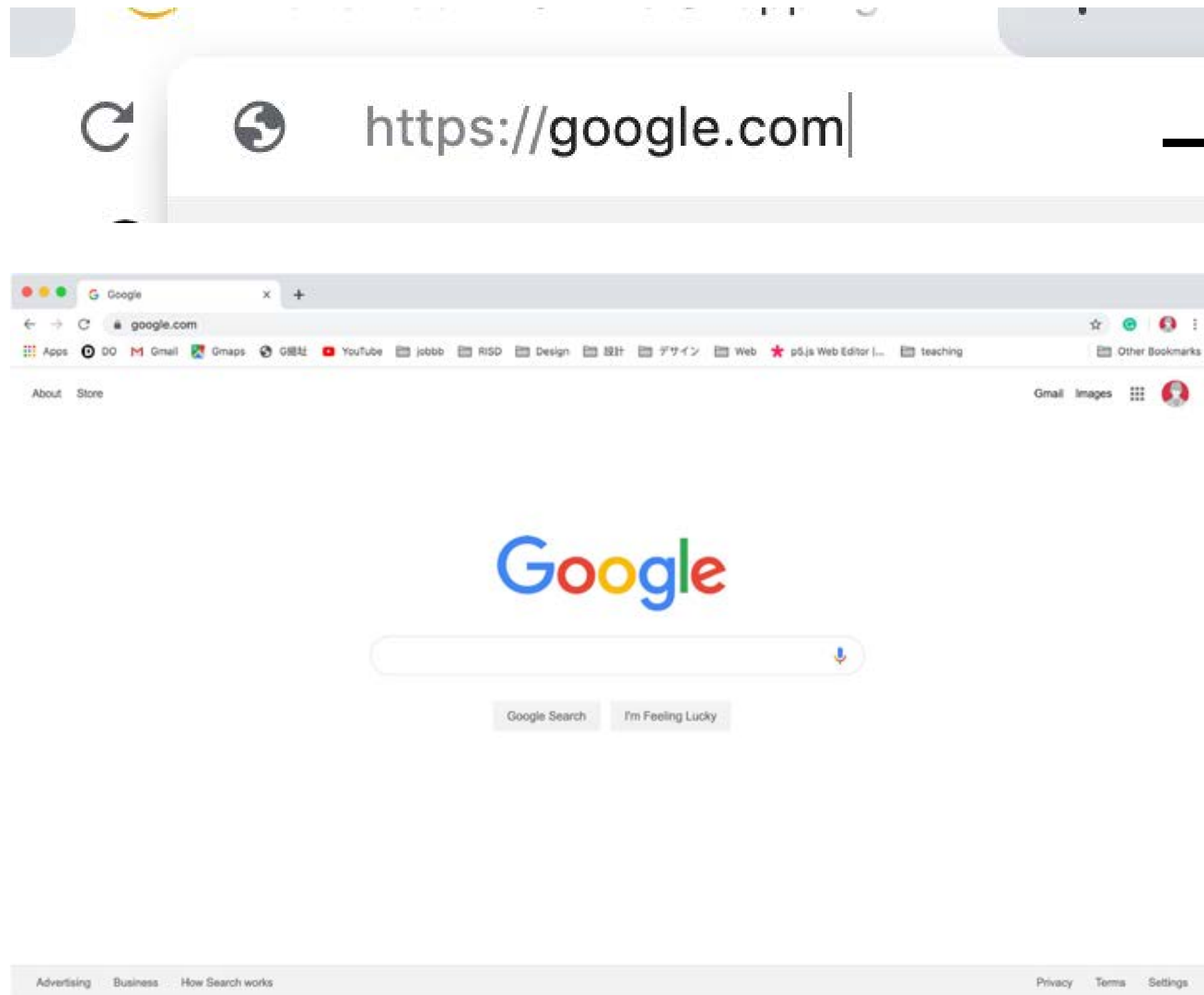# URL & Paths

The location of documents.

# URL & Paths

The location of documents on the internet

Uniform Resource Locator

ex: https://google.com

# URL & Paths

request

serve

# URL & Paths

**Absolute Path:**

exact location (http://www...)

North, South, West, East

**Relative Path:**

directions relative to where you currently are

Front, back, left, right

# URL & Paths

Absolute Path:

"Where is the class room?"

Academic Entrance, 63 Fifth Ave,
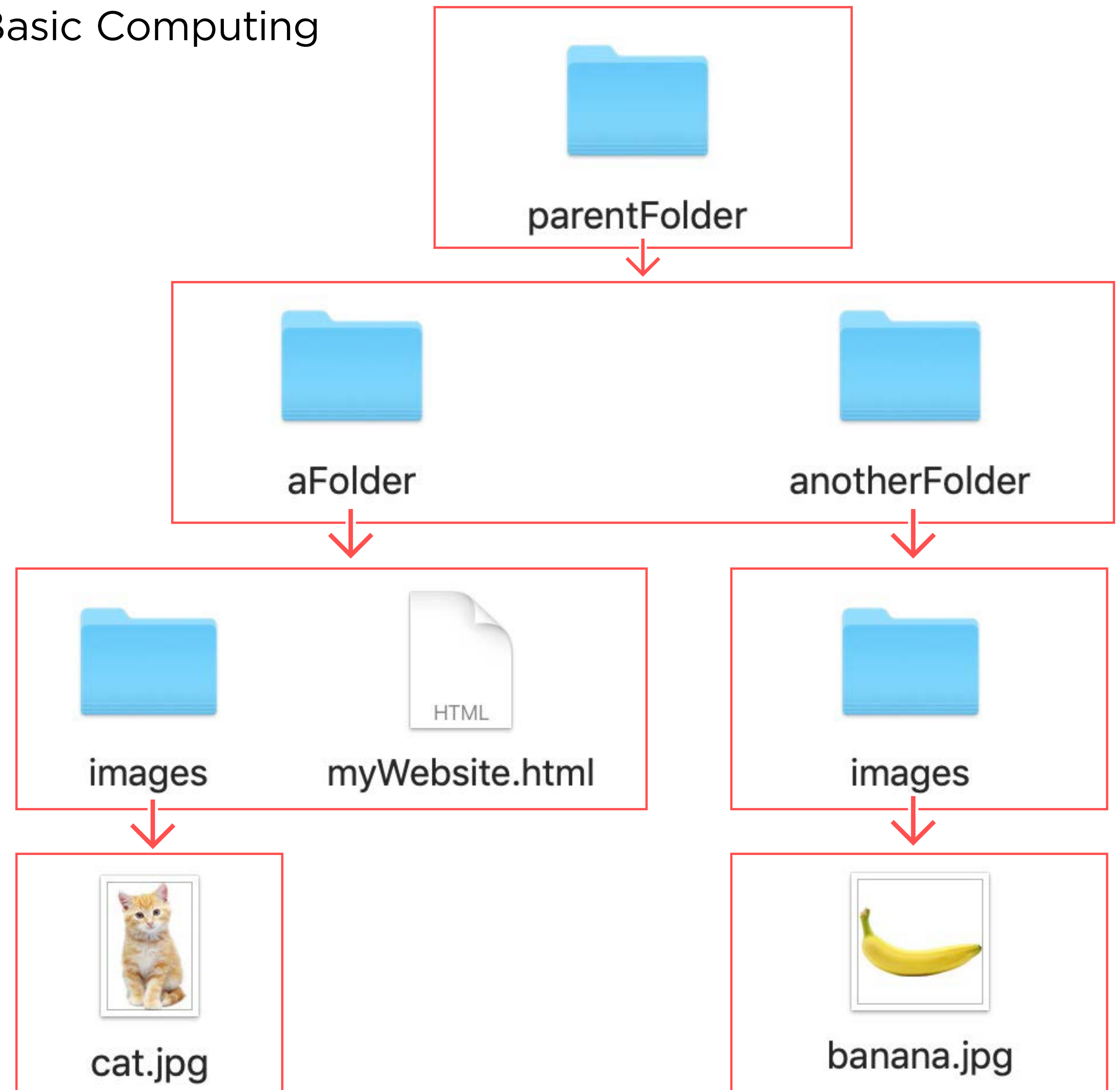Room 622, New York, NY, USA

# URL & Paths

Relative Path:

"I'm already in the lobby, where's the class room?"

Take the elevator to the 6th floor, then turn left... then go to the first room on the right hand side.
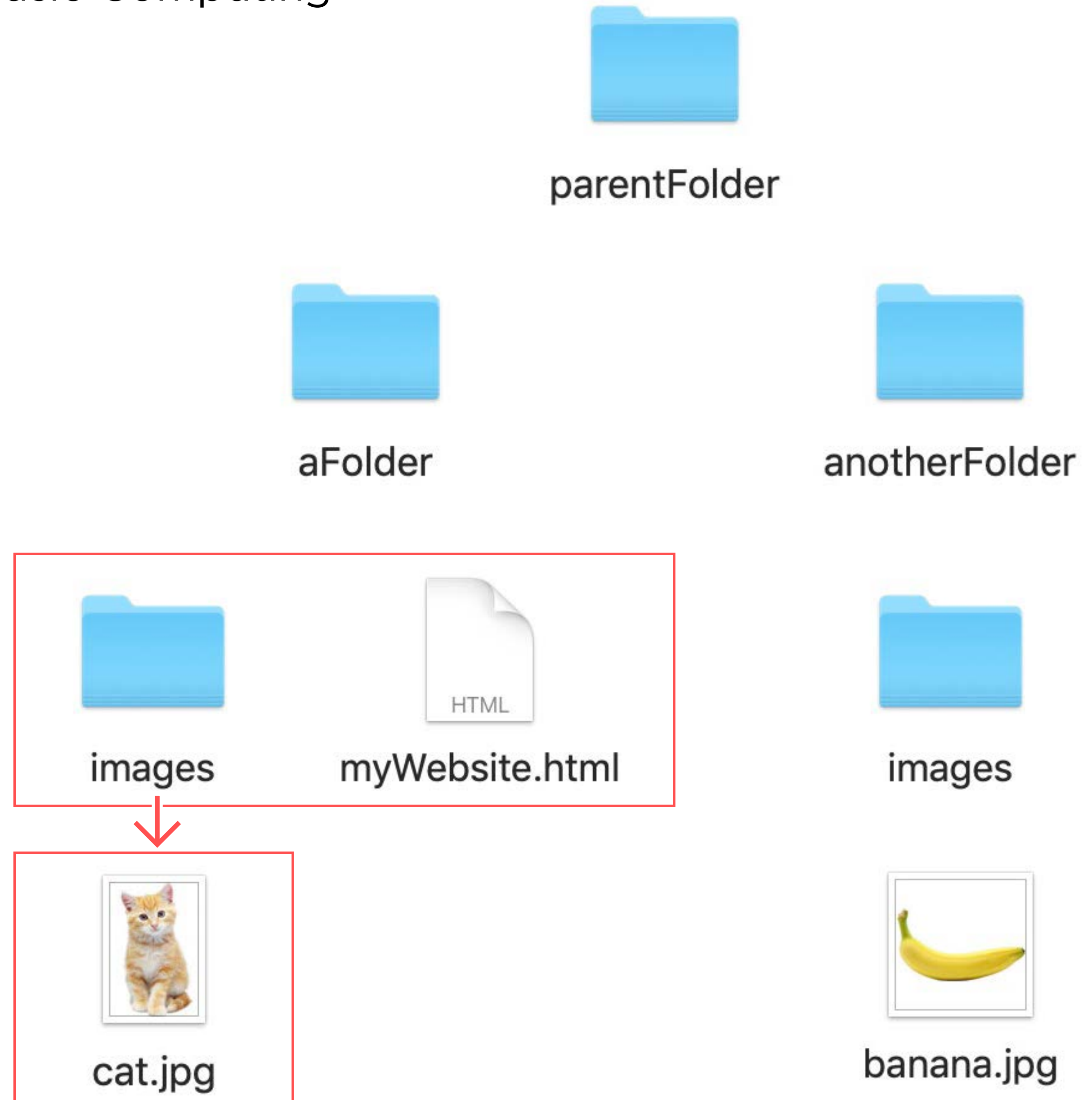
# URL& Paths

## Path in a computer:

# URL& Paths

For myWebsite.html
to access cat.jpg:

images/cat.jpg

/ : Forward, next level, ↓

parentFolder

aFolder

anotherFolder

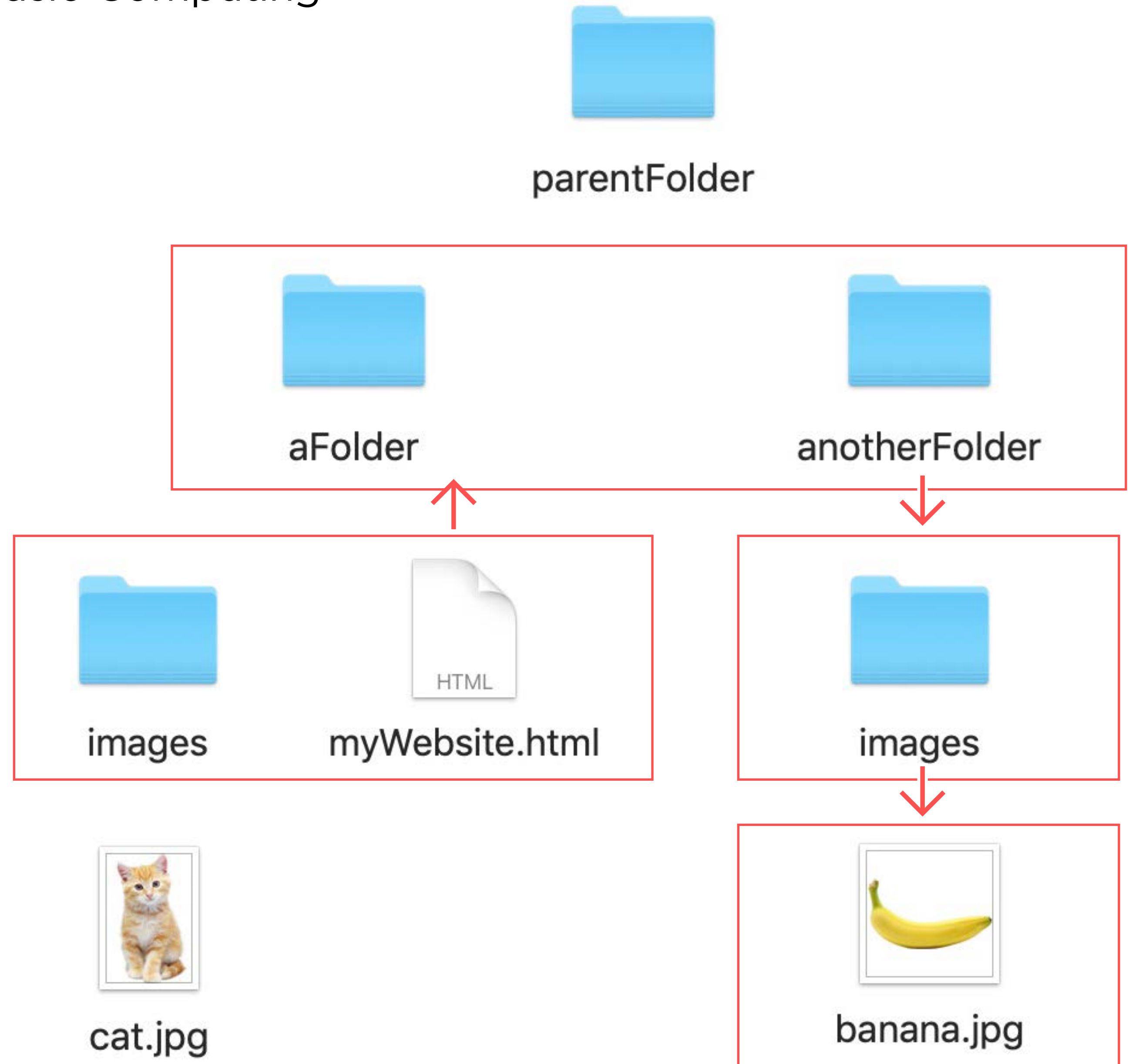images    myWebsite.html

images

cat.jpg

banana.jpg

# URL & Paths

For myWebsite.html
to access banana.jpg:

../anotherFolder/
images/banana.jpg

.. : Backward, previous
Level, ↑

# File Extentions

The extension indicates a characteristic of the file contents or its intended use.

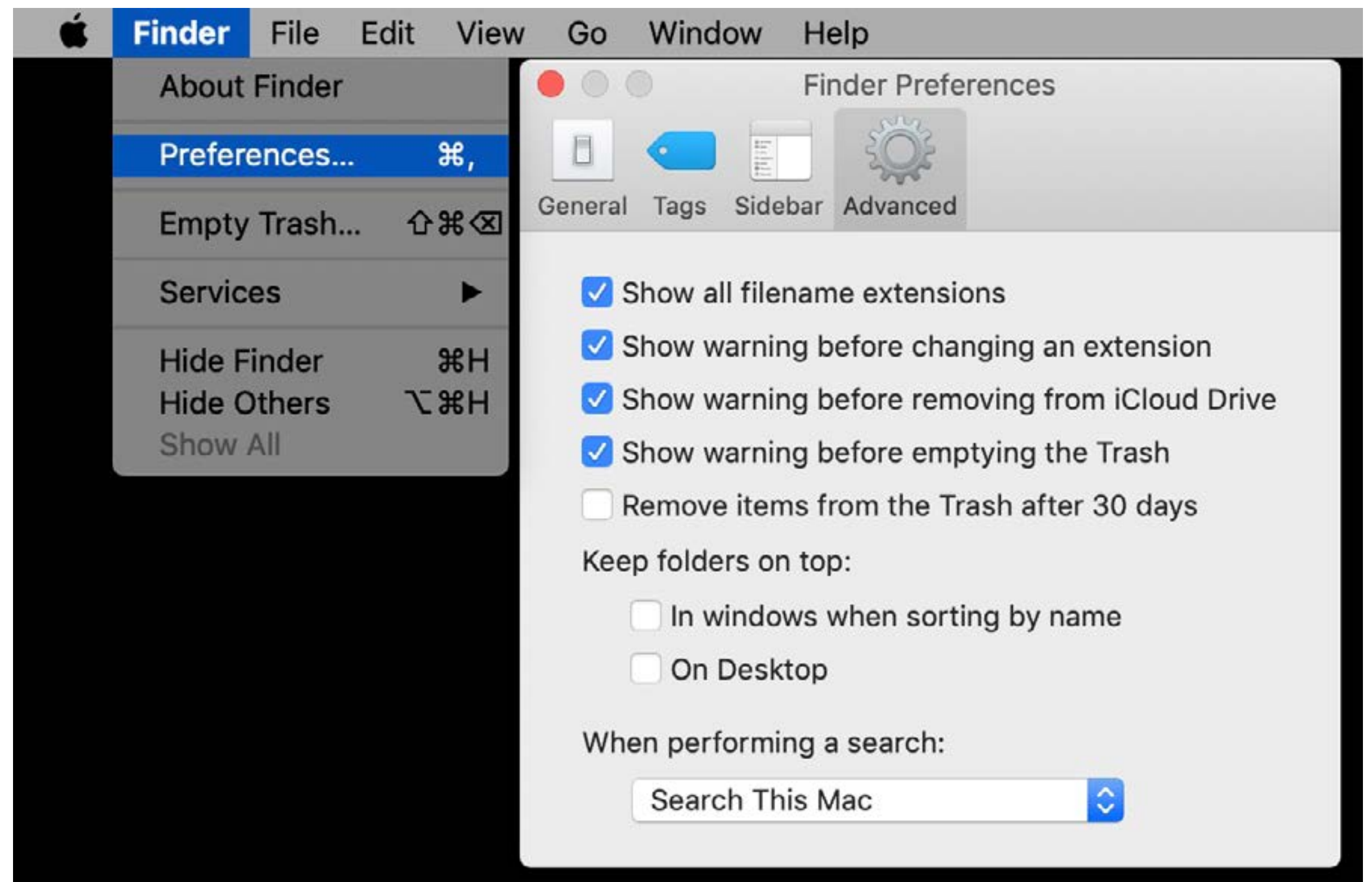jpg, png, gif...
txt, mp3, mov...

# File Extentions

Folders have NO file extension.

Don't forget to add file extension in a file path.

# File Extentions

Finder → Perfence → Advanced
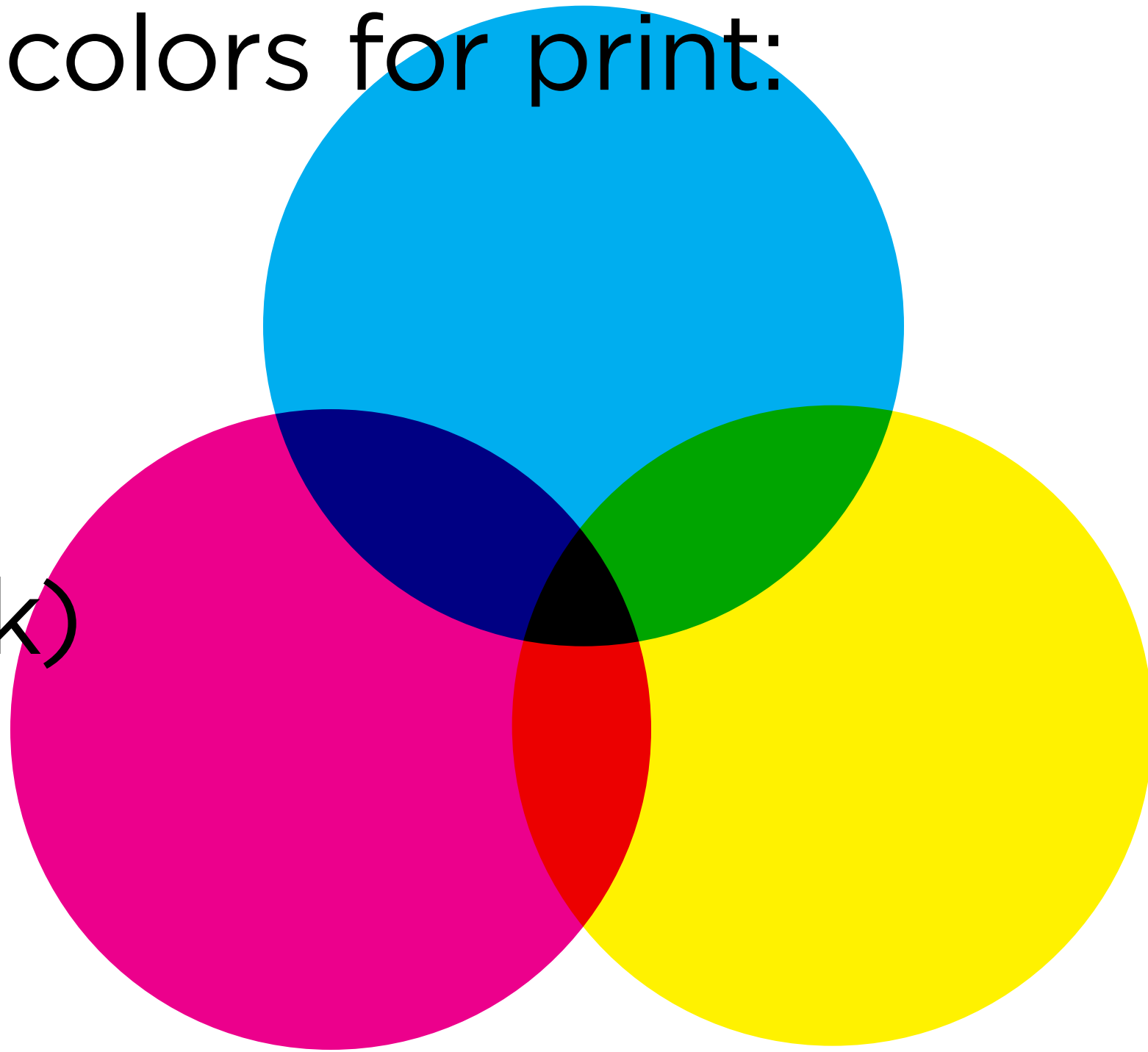
Check Show all filename extensions

# Color Mode

## CMYK

Standard colors for print:
Cyan
Magenta
Yellow
Key (black)

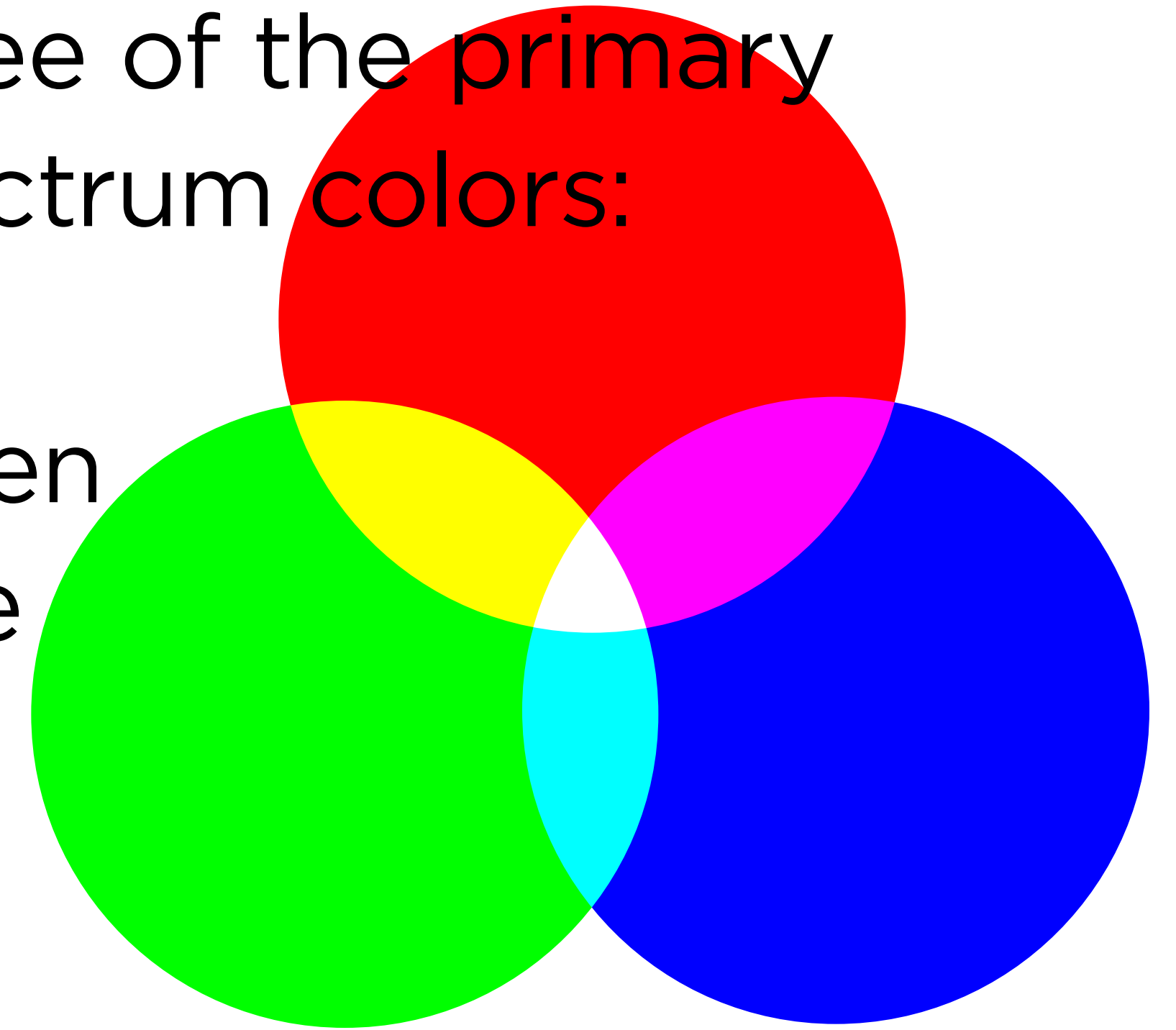## RGB

Three of the primary spectrum colors:
Red
Green
Blue

# HTML, CSS, JavaScript

What are they?

# HTML, CSS, JavaScript

## Content (.html)



myWebsite.html

text,
images,
audio/video...

# HTML, CSS, JavaScript

## Content (.html)



myWebsite.html

text,
images,
audio/video...

## Style (.css)



myCSS.css

color,

position,

Size...

# HTML, CSS, JavaScript

## Content (.html)

HTML

myWebsite.html

text,
images,
audio/video...

## Style (.css)

CSS

myCSS.css

color,

position,

Size...

## Behavior (.js)

JS

myJavaScript.js

dropdown menu,
animation,
interactive features...

# Set-up 1

1. Chrome

2. Sublime Text