Welcome Geeks

Topics to be covered

- CSS
- Git and GitHub

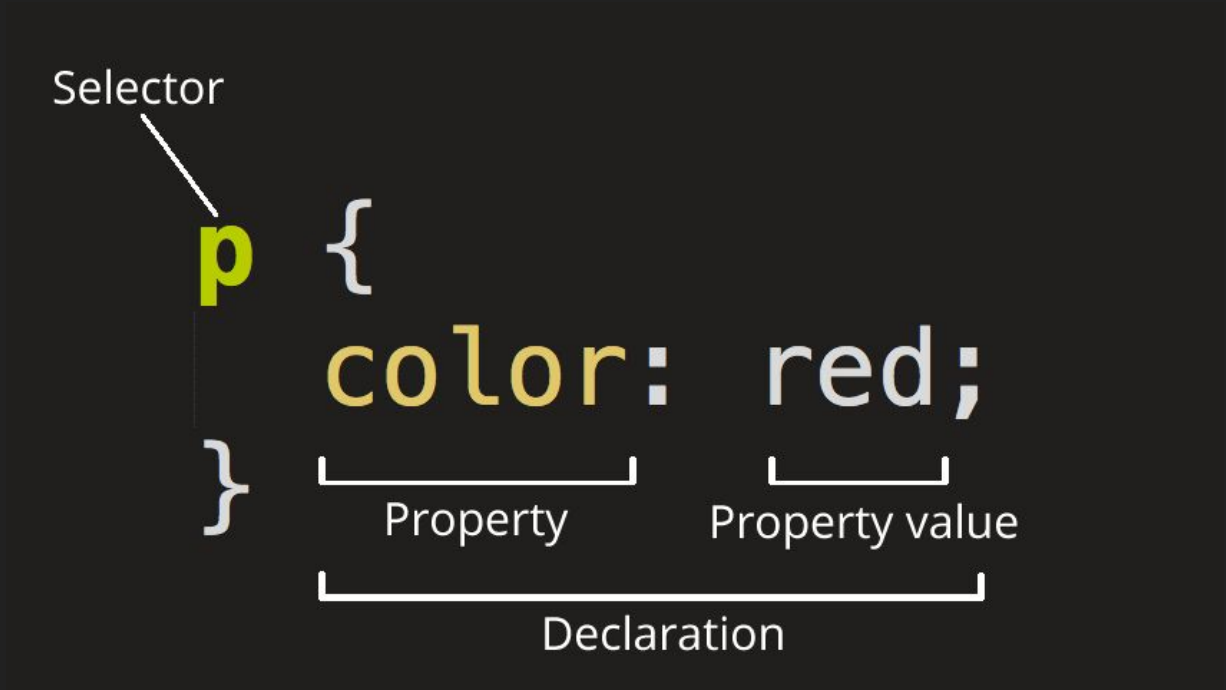
Inline, External, Internal CSS

- External styles are defined within the <link> element, inside the <head> section of an HTML page

- Internal styles are defined within the <style> element, inside the <head> section of an HTML page

- Inline styles are defined within the "style" attribute of the relevant element:

CSS Ruleset



CSS Selectors

*	*all elements*
div	*all div tags*
div,p	*all divs and paragraphs*
div p	*paragraphs inside divs*

CSS Float

- Floating an element changes the behavior of that element and the block level elements that follow it in normal flow. The floated element is moved to the left or right and removed from normal flow, and the surrounding content floats around it.

Responsive Design

- Using HTML/CSS make a website adapt to different sizes.

Media Queries

Using media queries in GFG Basic Page

Intro to Bootstrap

https://getbootstrap.com/docs/5.0/getting-started/introduction/

Cheat Sheet:
https://hackerthemes.com/bootstrap-cheatsheet/

CSS Layouts

- display property

```
<p>I love my cat.</p>

<ul>
  <li>Buy cat food</li>
  <li>Exercise</li>
  <li>Cheer up friend</li>
</ul>

<p>The end!</p>
```

I love my cat.

- Buy cat food
- Exercise
- Cheer up friend

The end!

CSS Layouts

- display property

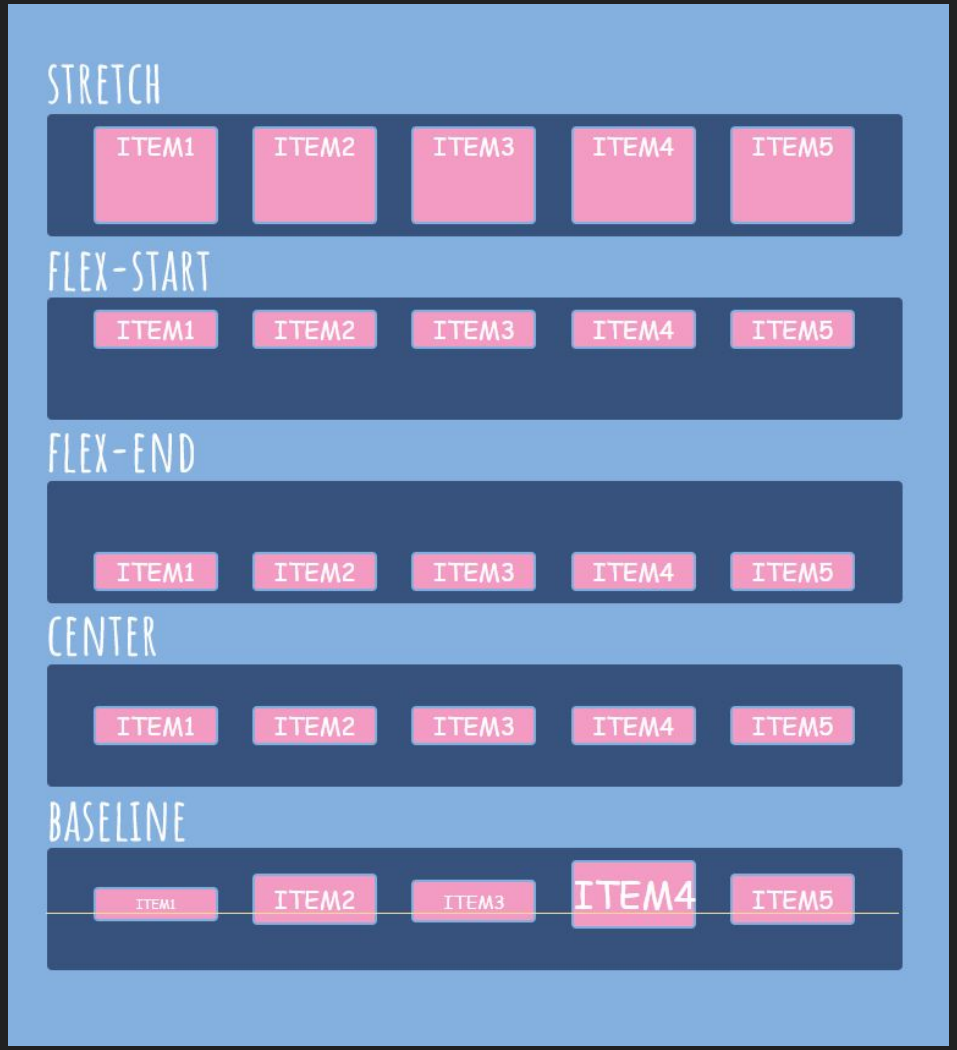
```
<p>I love my cat.</p>

<ul>
  <li>Buy cat food</li>
  <li>Exercise</li>
  <li>Cheer up friend</li>
</ul>

<p>The end!</p>
```

CSS Layouts

- display: flex
- Modern layout mode
- Align items both horizontally and vertically.

justify-content

align-items


STRETCH
ITEM1
ITEM2
ITEM3
ITEM4
ITEM5
FLEX-START
ITEM1
ITEM2
ITEM3
ITEM4
ITEM5
FLEX-END
ITEM1
ITEM2
ITEM3
ITEM4
ITEM5
CENTER
ITEM1
ITEM2
ITEM3
ITEM4
ITEM5
BASELINE
ITEM1
ITEM2
ITEM3
ITEM4
ITEM5

HTML & CSS Cheat Sheet

- https://htmlcheatsheet.com/css/
- https://web.stanford.edu/group/csp/cs21/csscheatsheet.pdf
- https://web.stanford.edu/group/csp/cs21/htmlcheatsheet.pdf

Chrome DevTools

Version Control System

- Allow you to track changes to your codebase/files over time.
- Help in collaborating with people working on the same code

Git

- In simple terms, git saves all the history of your files and also the changes made in it.

Git Installation

- https://git-scm.com/downloads

Git vs. GitHub

- Git is a version control system that lets you manage and keep track of your source code history.
- GitHub is a cloud-based hosting service that lets you manage Git repositories. If you have open-source projects that use Git, then GitHub is designed to help you better manage them.

Git Basic Commands

- git --version
- git config --global user.name "anantpatni1"
- git config --global user.email "anantpatni1@gmail.com"

Time for Open Source Contribution

- Fork & git clone the project
- Create a new branch with naming pattern (feat/your-name-changes) & checkout to that branch
- Create a new file your-name.txt
- git add filename, git commit -m “message”, git push origin branch-name
- Create a PR (Pull Request)
- Get it reviewed & merged from Anant