DOCUMENT STRUCTURE.

Poggie

02.06.2024

// TODO.

Quick Recap

HTML semantic elements

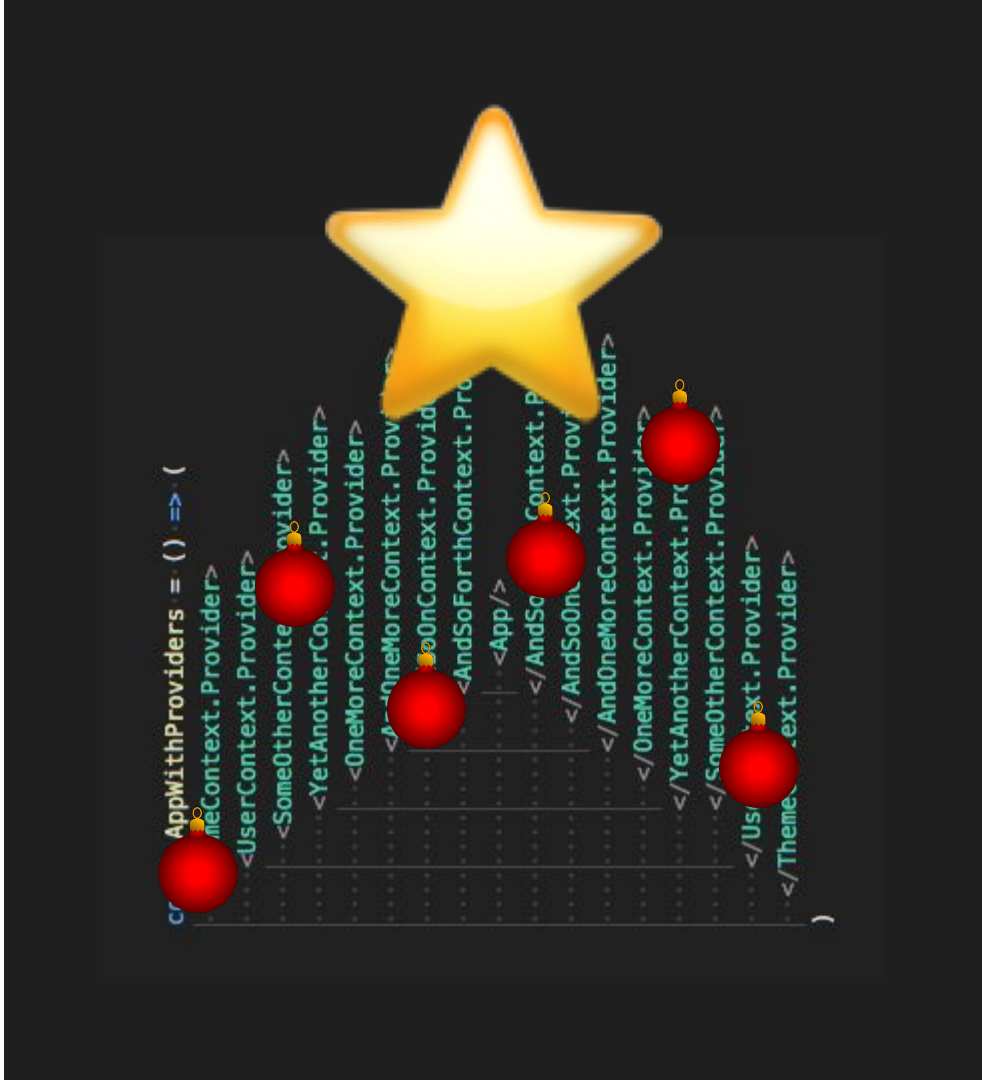
Page Layout

Lab 2

Recap.

The DOM

Dev Tools



What are semantic HTML elements?

Non-semantic.

Tells nothing about its content.

Semantic.

Clearly describes its meaning to both the browser and the developer.

Non-semantic.

```
<div></div>
<span></span>
```

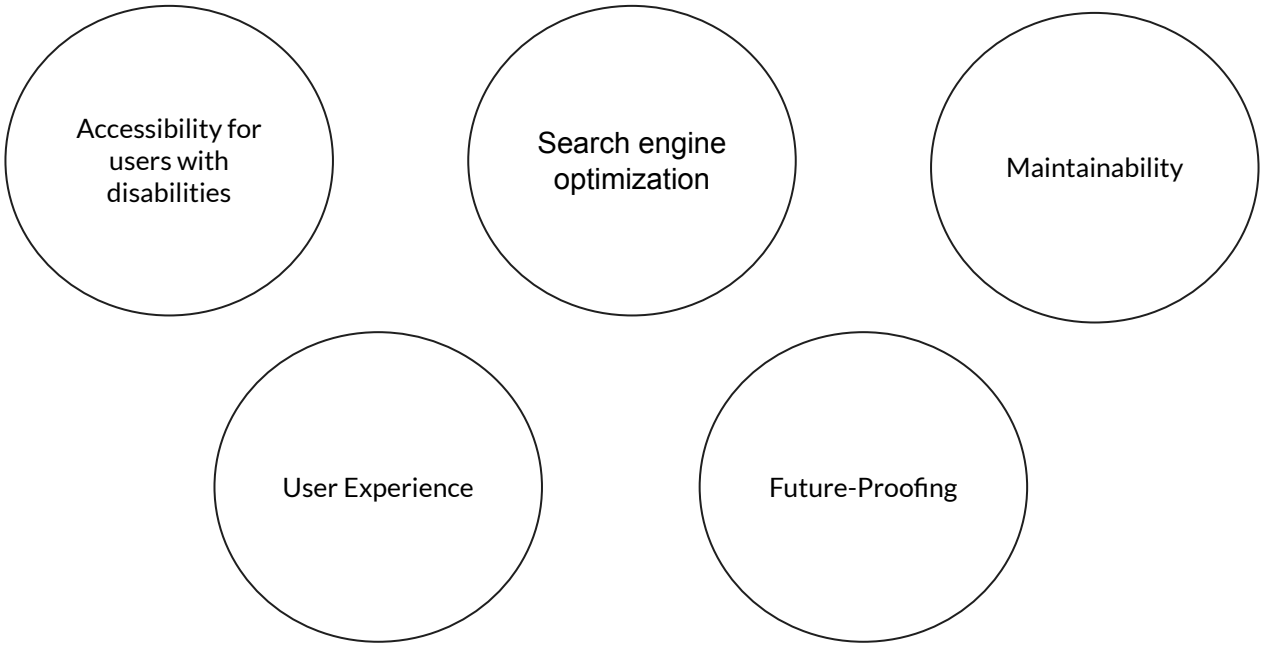
Semantic.

```
<table></table>
<article></article>
<form></form>
```

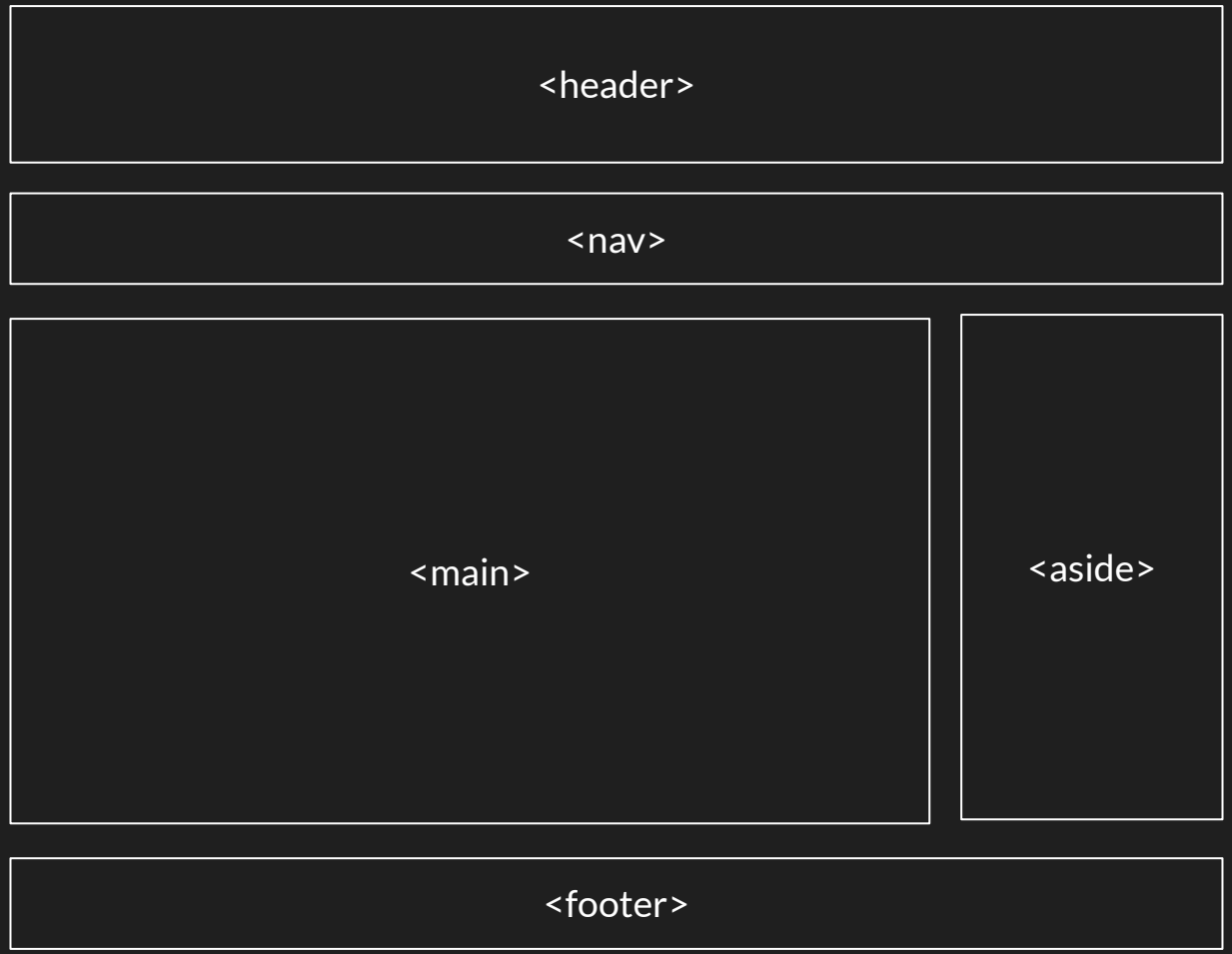
Semantic.

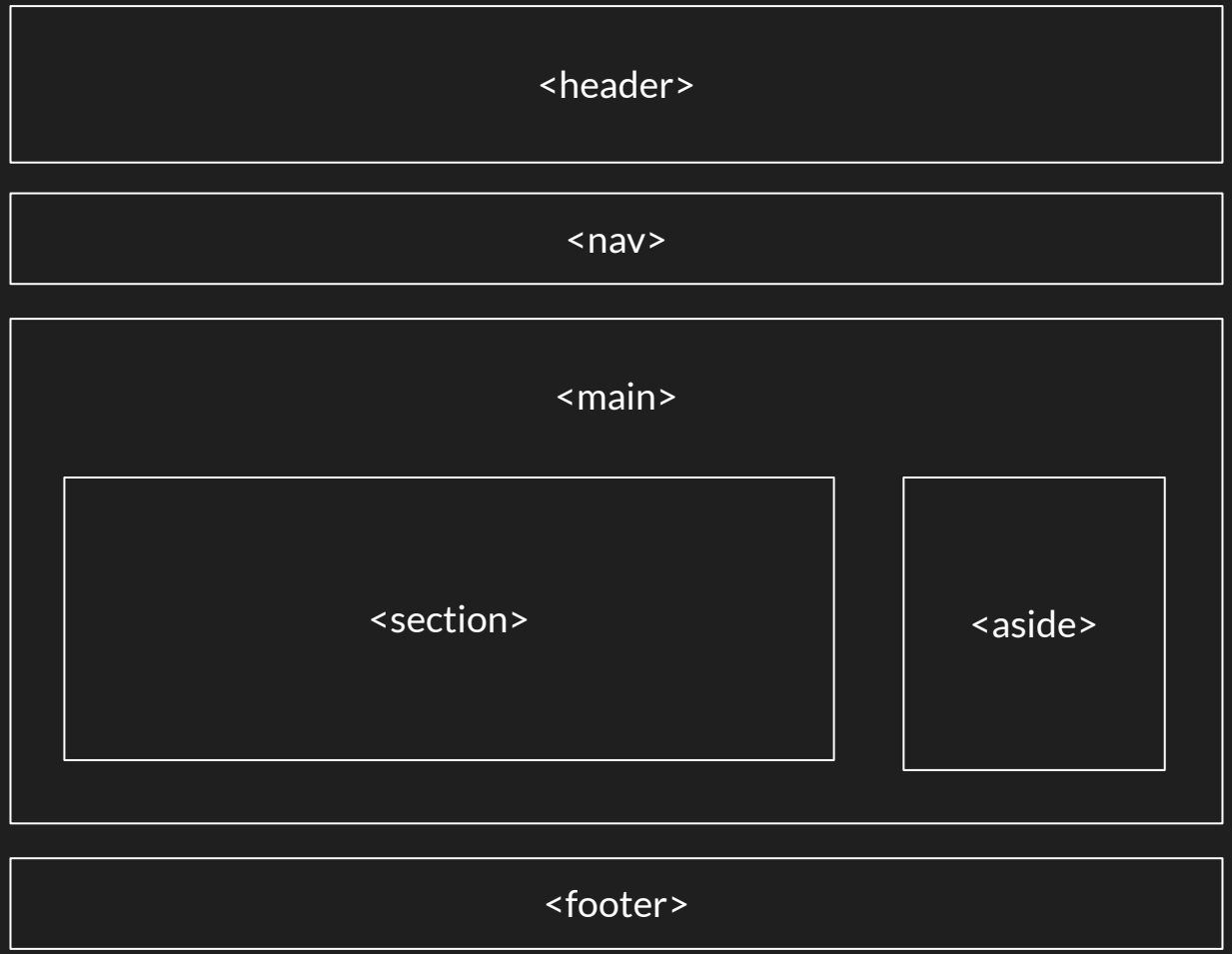
```
<table></table>
<article></article>
<form></form>
```

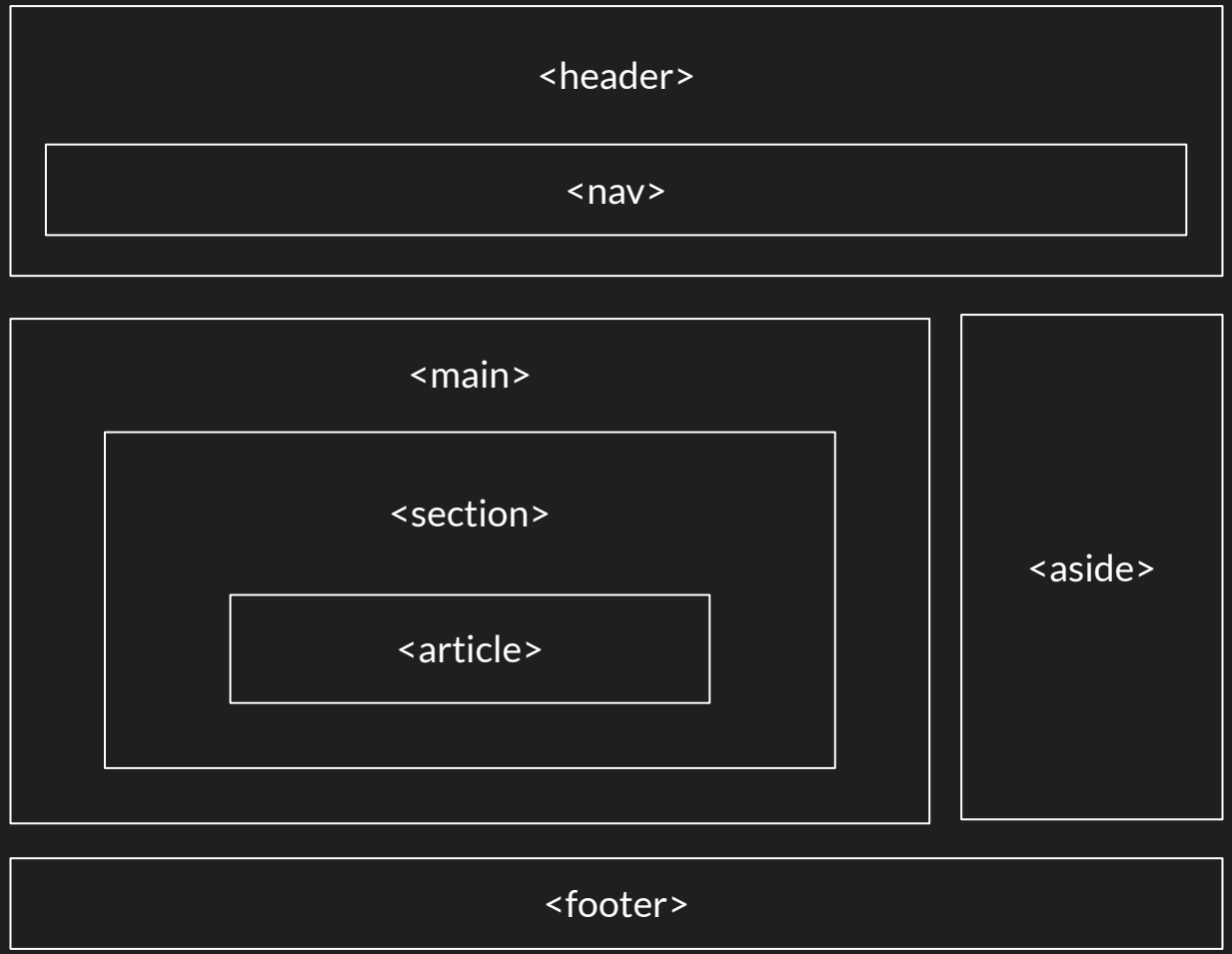
Why Semantic Elements?



What is an example of a good semantic layout?


<header>
<nav>
<main>
<aside>
<footer>


<header>
<nav>
<main>
<section>
<aside>
<footer>


<header>
<nav>
<main>
<section>
<article>
<aside>
<footer>

What are the most popular semantic elements?

Header.

Represents a group of introductory content. It usually is a big strip across the top of a web page.

This element tends to be reused throughout multiple pages.

Header.

Generally contains:

- A big heading
- One or more heading elements (<h1> - <h6>)
- Logo or Icon
- Tagline

```
<header>
    <h1>My Amazing Portfolio</h1>
    <h4>Brought to you by Poggie</h4>
</header>
```

U.S. **INTERNATIONAL** CANADA ESPAÑOL 中文

LOG IN

Monday, February 5, 2024
Today's Paper

The New York Times

S&P 500 -0.32% ↓

U.S. World Business Arts Lifestyle Opinion | Audio Games Cooking Wirecutter The Athletic

LIVE California Storm 4m ago | Middle East Crisis 15m ago | U.S. Presidential Election 37m ago

LIVE 4m ago

'More Rain Coming' to California After Mudslides, Rescues and Power Outages

A record deluge that spawned landslides and flooded roads was forecast to last through another night.

See more updates 9+

See where heavy rainfall deluged California.

Margeaux Walter for The New York Times

What's My D.E.I. Training? My Own Life.

Sometimes brutal honesty isn't the best policy when interviewing for a new job.

6 MIN READ

King Charles Is Diagnosed With Cancer

Buckingham Palace said Britain's monarch would postpone his public-facing duties during his treatment but did not specify the type of cancer.

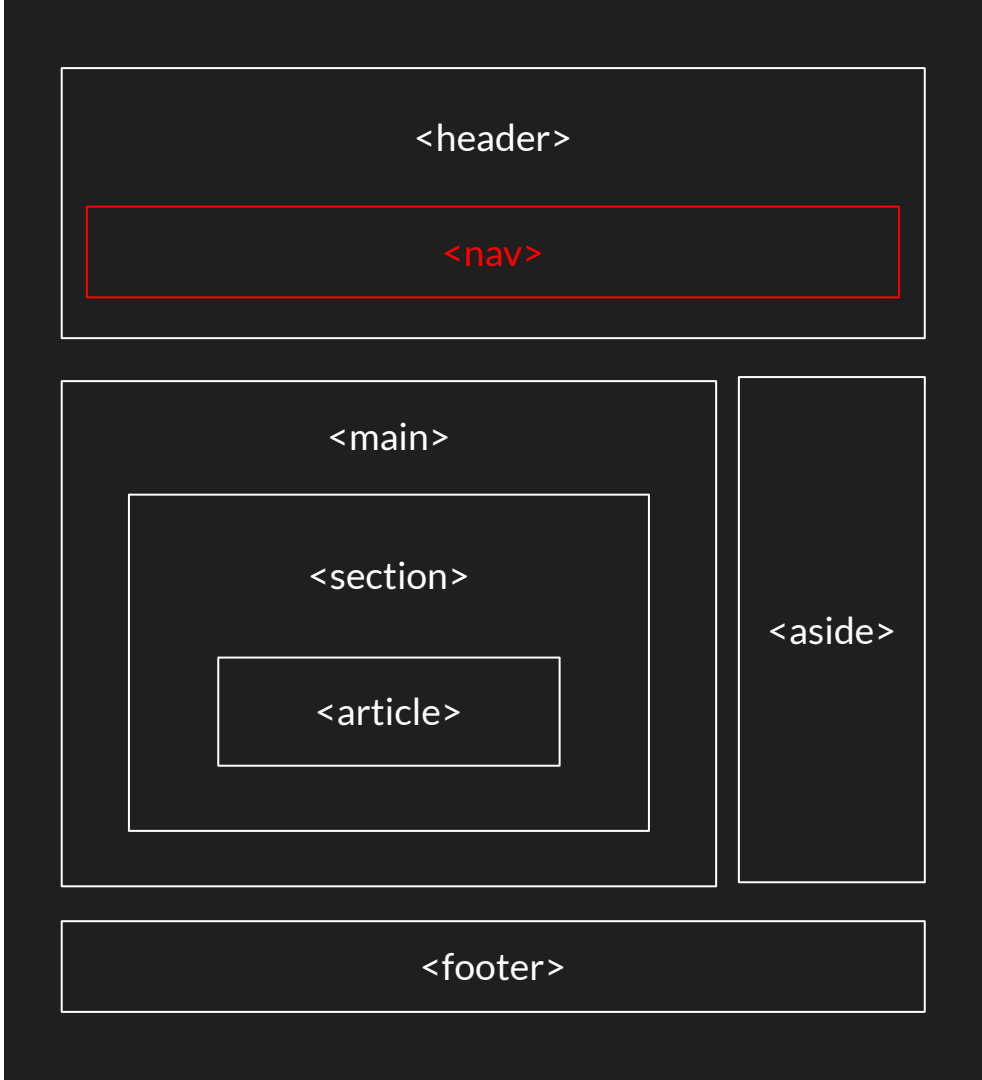
Love it or hate it, discussion about

These tips will help you turn out perfectly

What do you think is in this header?

Navigation Bar.

Contains the main navigation functionality for the page.



Navigation Bar.

Represented by:

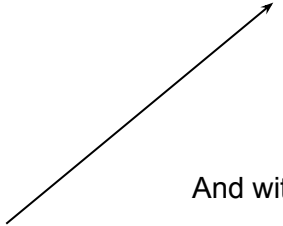
- Menu buttons
- Links
- Tabs

For example:

- Home
- About
- Contact Us

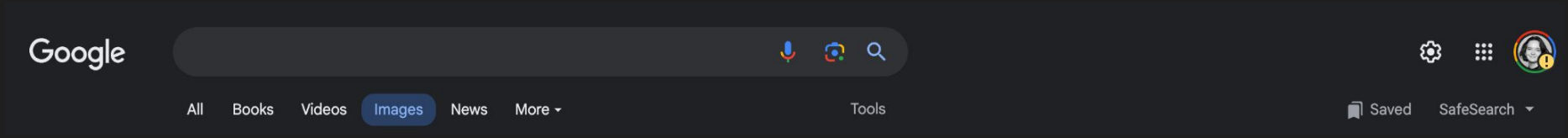
```
<nav>
    <ul>
        <li><a href="./pages/home.html">Home</a></li>
        <li><a href="./pages/about.html">About</a></li>
        <li><a href="./pages/contact.html">Contact Us</a></li>
    </ul>
</nav>
```

Home About Contact Us

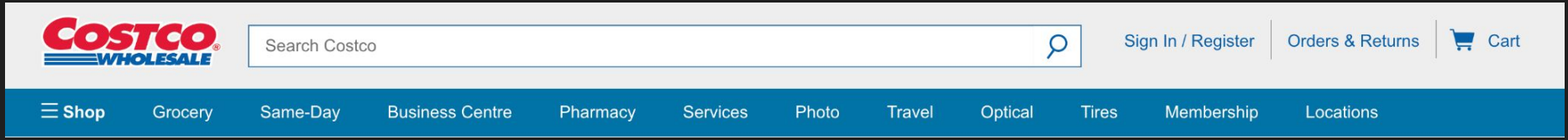


And with some simple styling we can get this!

- Home
- About
- Contact Us



How would we build this?



Or this?

WIKIPEDIA
The Free Encyclopedia

Search Wikipedia | Search

Create account | Log in | •••

Matt Damon

94 languages

Article | Talk | Read | View source | View history | Tools

From Wikipedia, the free encyclopedia

Contents hide

(Top)
Early life and education
Career
1988–1999: Early work and breakthrough
2000–2008: Worldwide recognition
2009–2019: Established actor
2021–present: Continued positive critical reception
Activism
Public image
Personal life
Political and social views
Awards and honors
Notes
References
Further reading
External links

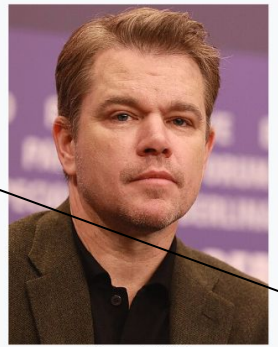
Matthew Paige Damon (/ˈdeɪmən/ *DAY-mən*; born October 8, 1970) is an American actor, film producer, and screenwriter.[3] Ranked among *Forbes*' most bankable stars in 2007,[4] the films in which he has appeared have collectively earned over $3.88 billion at the North American box office,[5] making him one of the highest-grossing actors of all time.[6] He has received various awards and nominations, including an Academy Award and two Golden Globe Awards, in addition to nominations for three British Academy Film Awards and seven Primetime Emmy Awards.

Damon began his acting career in the film *Mystic Pizza* (1988). He gained prominence in 1997 when he and Ben Affleck wrote and starred in *Good Will Hunting*, which won them the Academy Award and Golden Globe for Best Screenplay. He established himself as a leading man by starring as Tom Ripley in *The Talented Mr. Ripley* (1999), Jason Bourne in the *Bourne* franchise (2002–2007; 2016), and con man Linus Caldwell in the *Ocean's* trilogy (2001–2007). Damon's other notable roles were in *Saving Private Ryan* (1998), *Syriana* (2005), *The Departed* (2006), *The Informant!* (2009), *Invictus* (2009), *True Grit* (2010), *Contagion* (2011), *Ford v Ferrari* (2019), *Stillwater*, *The Last Duel* (both 2021), *Air* , and *Oppenheimer* (both 2023), the last of which is his highest-grossing feature. He won the Golden Globe Award for Best Actor for playing an astronaut stranded on Mars in *The Martian* (2015).

On television, Damon portrayed Scott Thorson in the HBO biopic *Behind the Candelabra* (2013), for which he was nominated for a Primetime Emmy Award. He appeared on *30 Rock* in 2011 and *Saturday Night Live* in 2019. He also produced the reality series *Project Greenlight* (2001–2015) as well as the film *Manchester by the Sea* (2016). Damon has performed voice-over work in both animated and documentary films as well as established two production companies with Affleck. He has been involved in charitable work with organizations including the One Campaign, H2O Africa Foundation, Feeding America, and Water.org.

Early life and education

Matt Damon



Damon in 2023

Born	Matthew Paige Damon October 8, 1970 (age 53)[1] Cambridge, Massachusetts, U.S.
Education	Harvard University (dropped out)
Occupations	Actor · film producer · screenwriter
Years active	1987–present

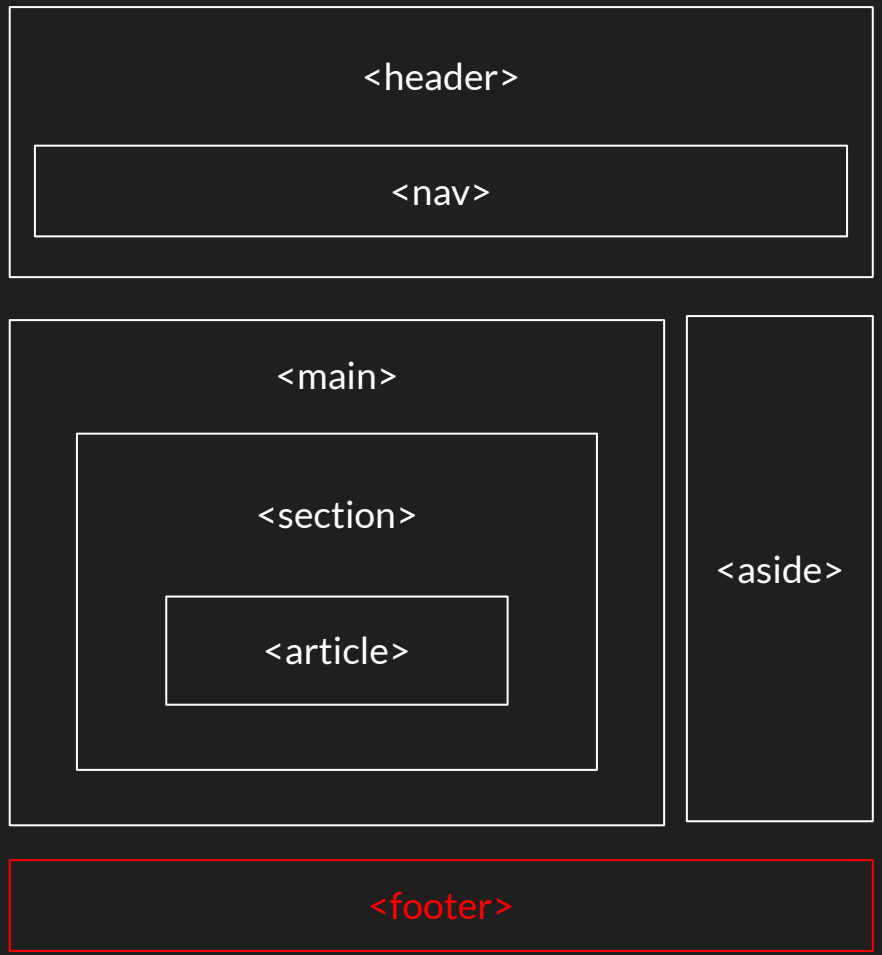
this?

Footer.

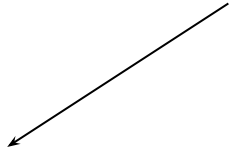
Represents a group of end content for a page and is reused across multiple pages.

Generally contains:

- Fine print
- Copyright notices
- Contact info



How would we build this?



The New York Times

NEWS
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U.S. Politics
New York
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Tech
Science
Sports
Wildfire Tracker
Obituaries
Today's Paper
Trending
Corrections

OPINION
Today's Opinion
Columnists
Editorials
Guest Essays
Letters
Sunday Opinion
Opinion Video

ARTS
Today's Arts
Art & Design
Books
Best Sellers Book List
Dance
Movies
Music
Pop Culture
Television
Theater
Video: Arts

LIVING
Automotive
Games
Education
Food
Health
Jobs
Love
Magazine
Parenting
Real Estate
Style
T Magazine
Travel

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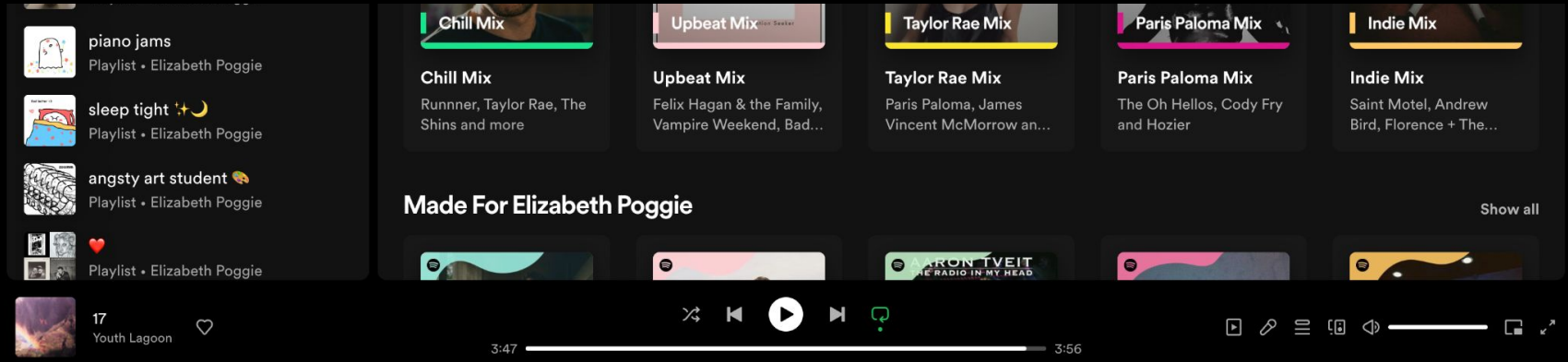


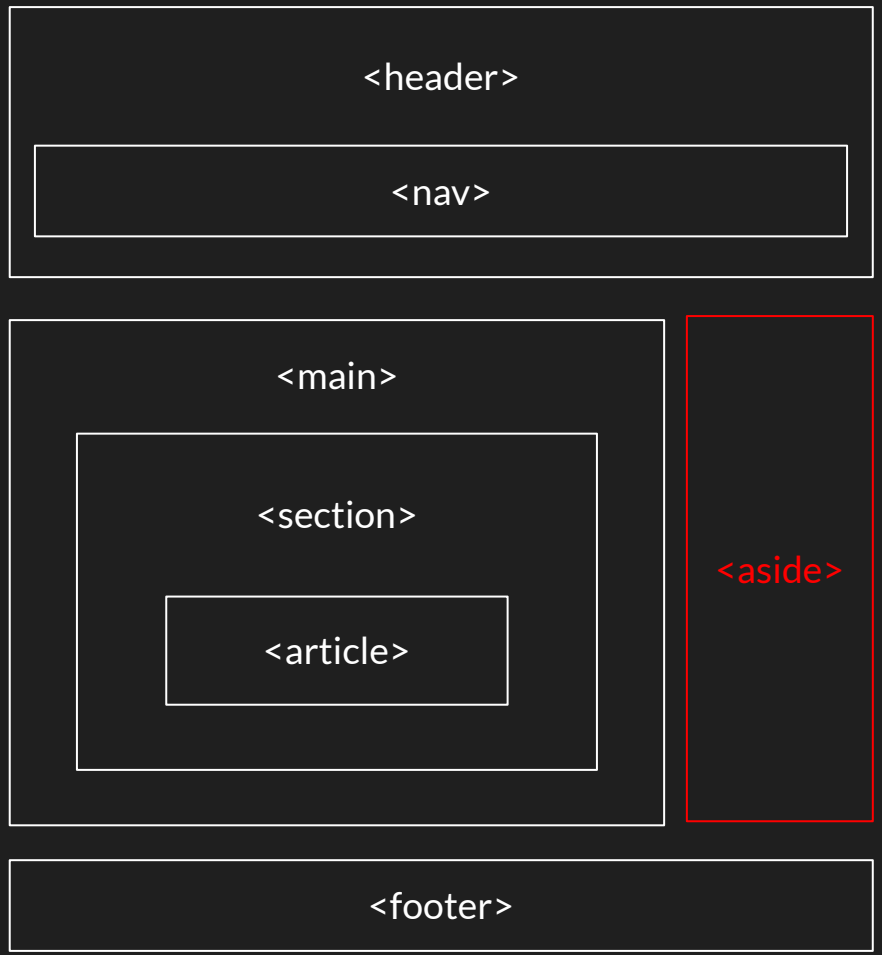
Spotify takes a slightly different footer approach for footers

Side Bar.

Contains content that is not directly related to the main content but can provide additional information indirectly related to it

Examples:

- Links
- Quotes
- Ads
- Glossary entries
- Author biography



Instagram

- Home
- Search
- Explore
- Reels
- Messages
- Notifications
- Create
- Profile
- Threads
- More

What would be the approach here?

Matt Damon

94 languages

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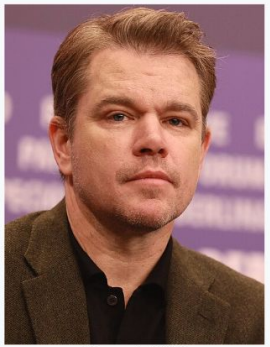
Matt Damon



Damon in 2023

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Education	Harvard University (dropped out)
Occupations	Actor · film producer · screenwriter
Years active	1987–present

here?

Main Content.

A big area in the center that contains most of the unique content of a given webpage. This is Ideally placed directly inside the body.

Generally contains various content subsections represented by <article>, <section>, and elements.

Instagram

- Home
- Search
- Explore
- Reels
- Messages (2)
- Notifications
- Create
- Profile
- Threads
- More

klani_28 · haileyrose... · lord_dark... · xfionaaaxx · herbivorin... · marianickb · sickygal · yujing1997

dreamylittlenails · 2d

elizabethpoggie
Poggie
Switch

Suggested for you — See All

- noushanem — Suggested for you — Follow
- bethpoettckermassage — Followed by kaylvalentinee + ... — Follow
- khaydock_ — Suggested for you — Follow
- priamdavid — Suggested for you — Follow
- robertpoggie — Suggested for you — Follow

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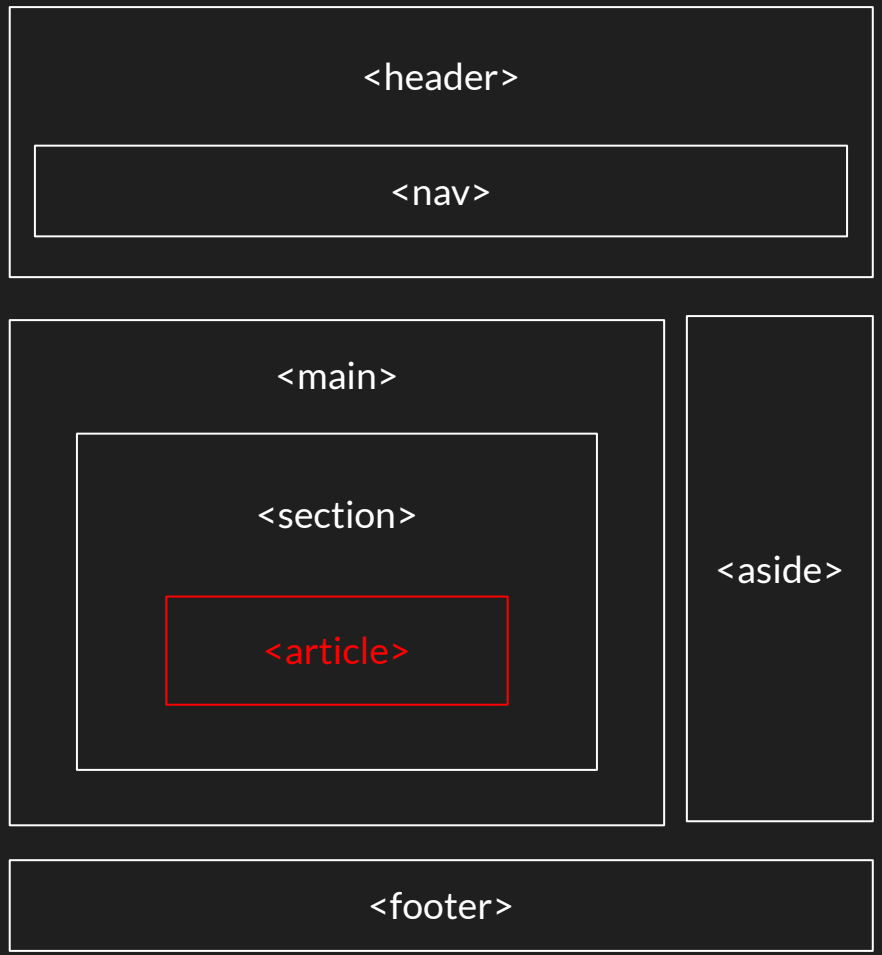
Article Content.

Encloses a block of related content that makes sense on its own without the rest of the page, in other words independent, self contained content.

Examples:

- A blog post
- Product cards
- User comments



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klani_28 · haileyrose... · lord_dark... · xfionaaaxx · herbivorin... · marianickb · sickygal · yujing1997

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elizabethpoggie
Poggie — Switch

Suggested for you — See All

- **noushanem** — Suggested for you — Follow
- **bethpoettckermassage** — Followed by kaylvalentinee + ... — Follow
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- **priamdavid** — Suggested for you — Follow
- **robertpoggie** — Suggested for you — Follow

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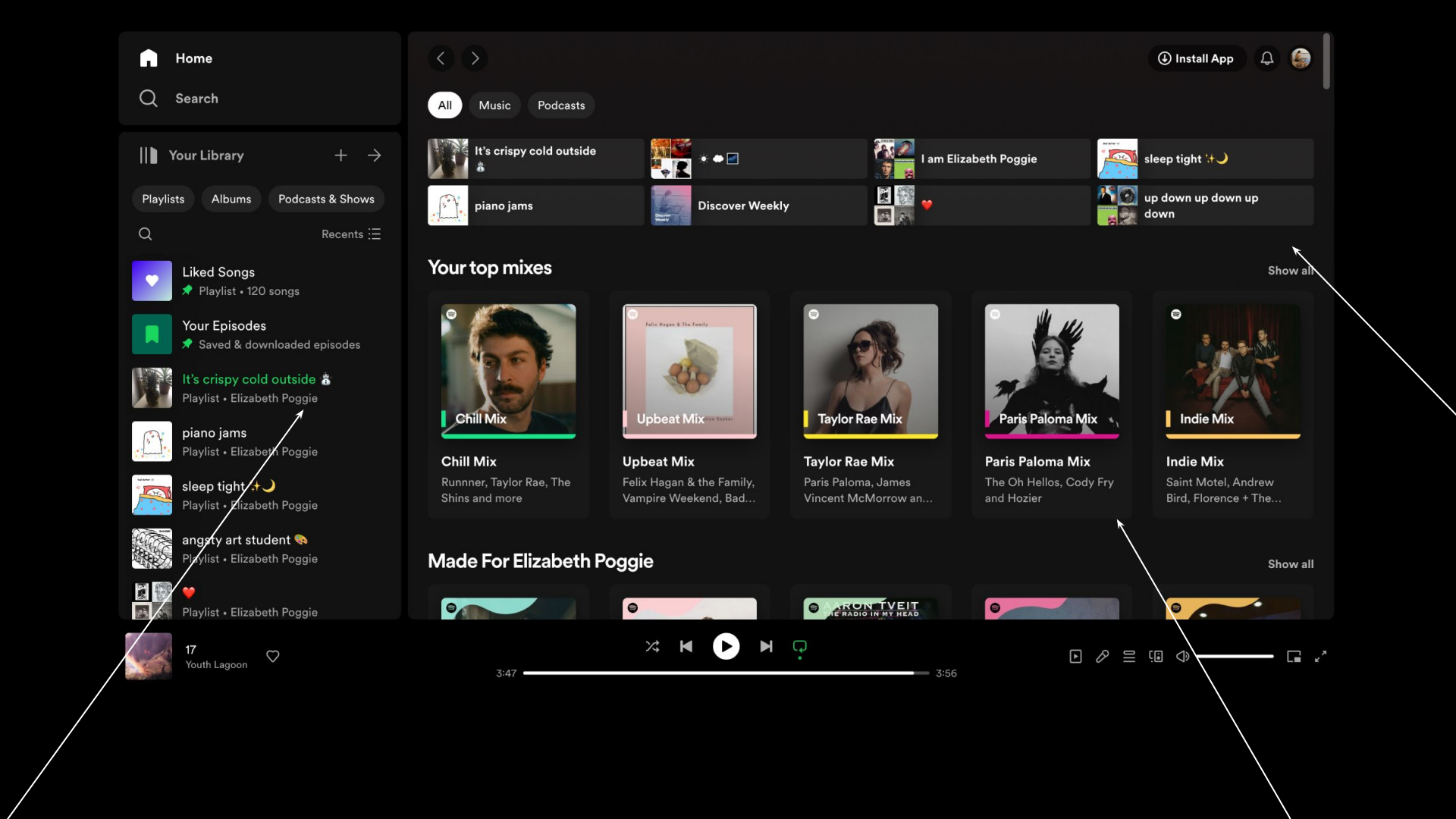

Home
Search
Your Library
Playlists
Albums
Podcasts & Shows
Recents
Liked Songs
Playlist • 120 songs
Your Episodes
Saved & downloaded episodes
It's crispy cold outside ☃️
Playlist • Elizabeth Poggie
piano jams
Playlist • Elizabeth Poggie
sleep tight ✨🌙
Playlist • Elizabeth Poggie
angsty art student 🎨
Playlist • Elizabeth Poggie
❤️
Playlist • Elizabeth Poggie
Install App
All
Music
Podcasts
It's crispy cold outside ☃️
I am Elizabeth Poggie
sleep tight ✨🌙
piano jams
Discover Weekly
❤️
up down up down up down
Your top mixes
Show all
Chill Mix
Runnner, Taylor Rae, The Shins and more
Upbeat Mix
Felix Hagan & the Family, Vampire Weekend, Bad...
Taylor Rae Mix
Paris Paloma, James Vincent McMorrow an...
Paris Paloma Mix
The Oh Hellos, Cody Fry and Hozier
Indie Mix
Saint Motel, Andrew Bird, Florence + The...
Made For Elizabeth Poggie
Show all
17
Youth Lagoon
3:47
3:56

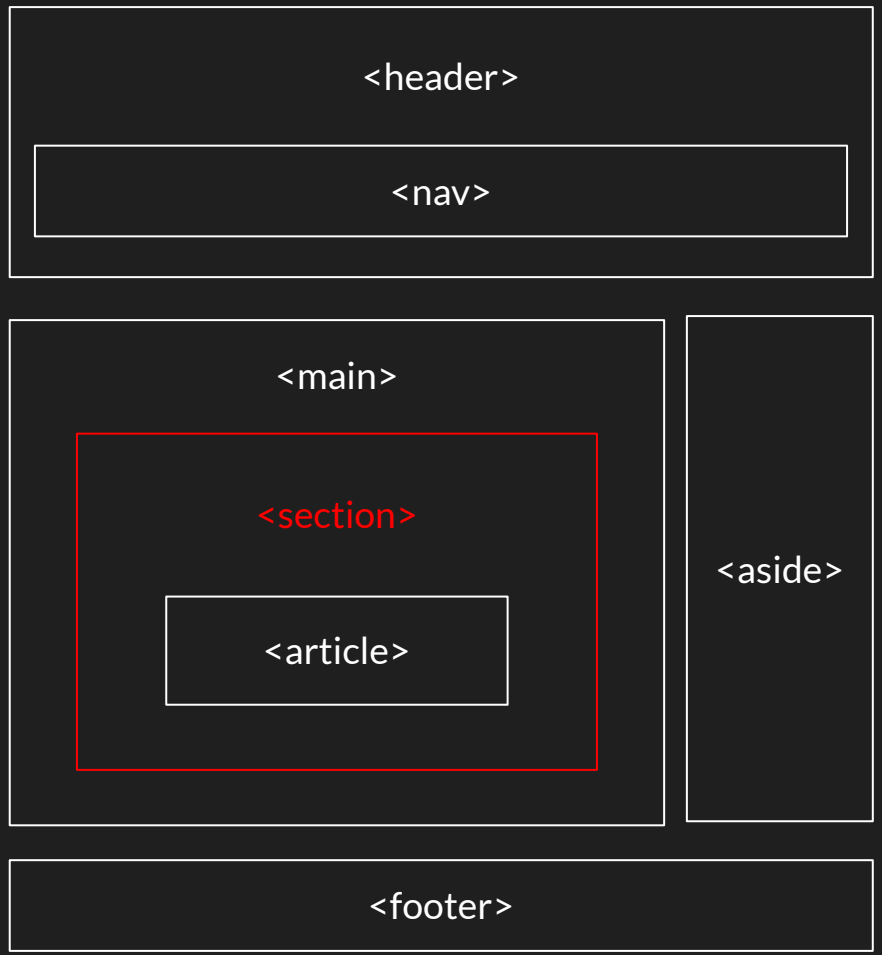
Section Content.

Used for grouping together a single part of the page that constitutes one single piece of functionality.

It is considered best practice to begin each section with a heading.

Examples:

- Set of article headlines
- Set of summaries
- List of chapters



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klani_28 · haileyrose... · lord_dark... · xfionaaaxx · herbivorin... · marianickb · sickygal · yujing1997

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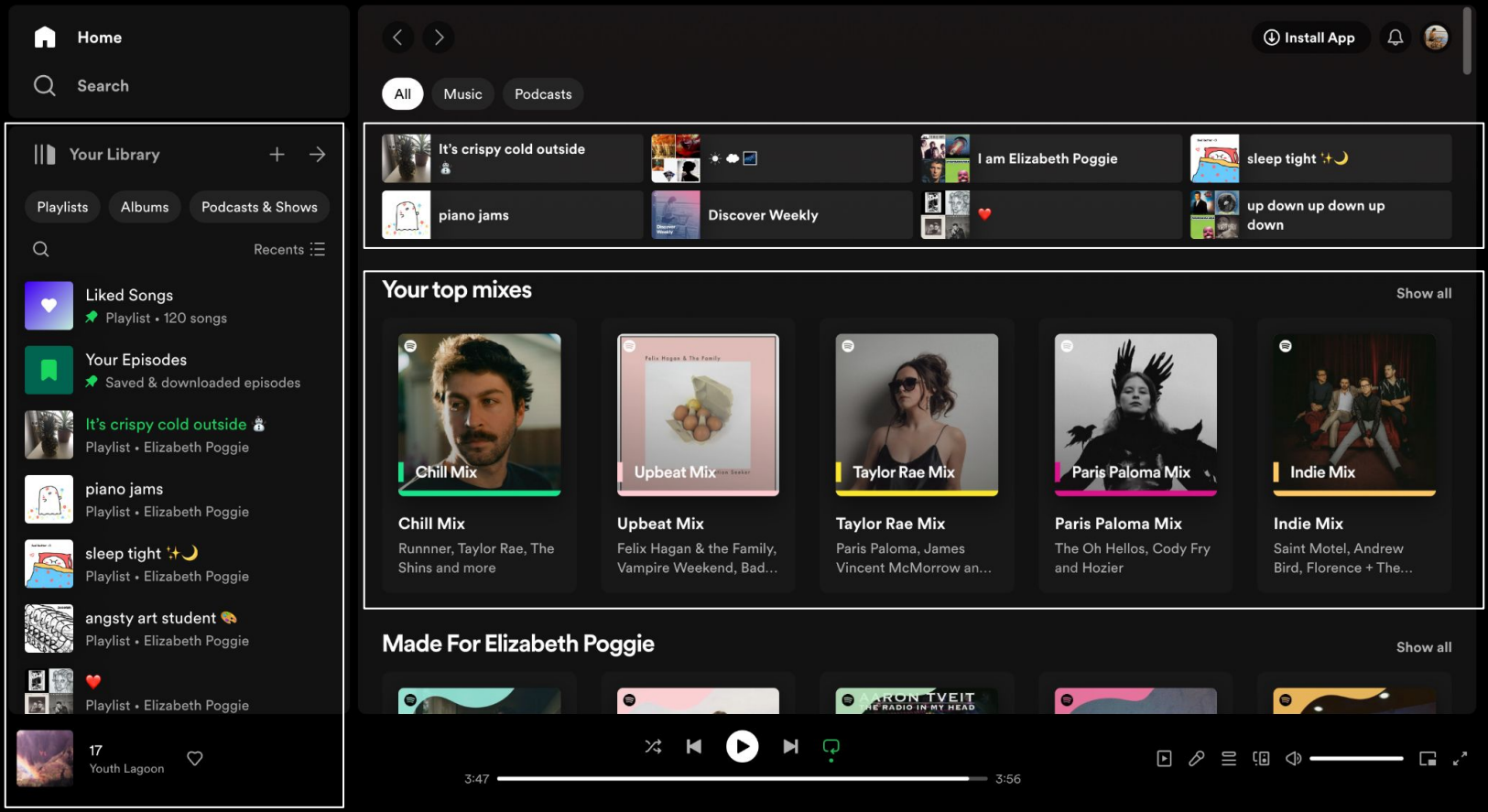
Home
Search
Your Library
Playlists
Albums
Podcasts & Shows
Recents
Liked Songs
Playlist • 120 songs
Your Episodes
Saved & downloaded episodes
It's crispy cold outside
Playlist • Elizabeth Poggie
piano jams
Playlist • Elizabeth Poggie
sleep tight
Playlist • Elizabeth Poggie
angsty art student
Playlist • Elizabeth Poggie
Playlist • Elizabeth Poggie
17
Youth Lagoon
Install App
All
Music
Podcasts
It's crispy cold outside
I am Elizabeth Poggie
sleep tight
piano jams
Discover Weekly
up down up down up down
Your top mixes
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Runnner, Taylor Rae, The Shins and more
Upbeat Mix
Felix Hagan & the Family, Vampire Weekend, Bad...
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Paris Paloma, James Vincent McMorrow an...
Paris Paloma Mix
The Oh Hellos, Cody Fry and Hozier
Indie Mix
Saint Motel, Andrew Bird, Florence + The...
Made For Elizabeth Poggie
Show all
3:47
3:56

Break element.

Creates a line break in a paragraph.

It is the only way to force a rigid structure in a situation where you want a series of fixed short lines, such as in an address.

… however, do not use it to create space in a design—use margins and padding instead !!

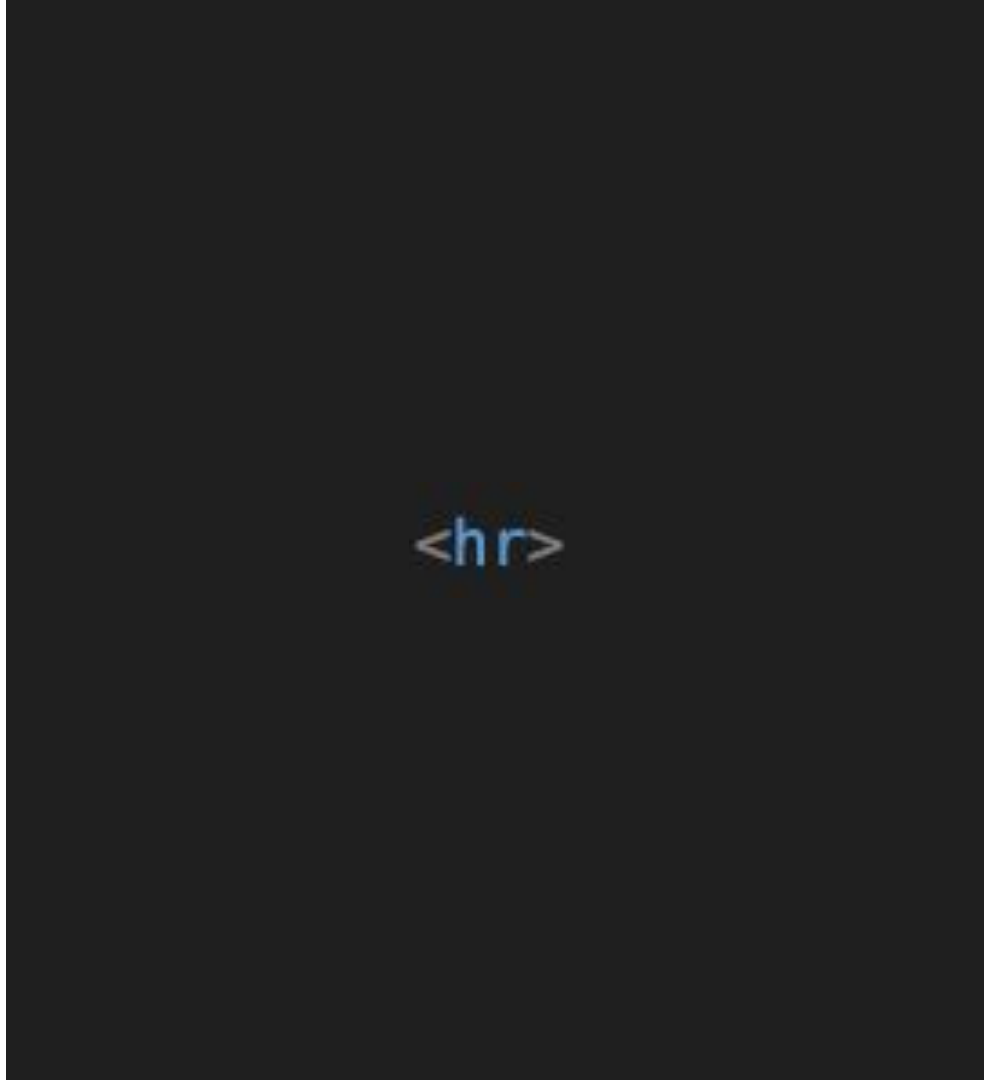
```
<p>
    John Abbott College <br />
    21 275 Rue Lakeshore Road, <br />
    Sainte-Anne-de-Bellevue, QC H9X 3L9 <br />
</p>
```

Thematic break element.

Used to create a thematic change in the text (such as a change in topic or scene).

Visually it just looks like a horizontal line, however do not use it to create a horizontal line—use CSS borders instead !!

Does not provide any semantic meaning to the content it separates. Consequently, the <hr> tag is not ideal for accessibility, as screen readers cannot interpret a separation in a meaningful way.

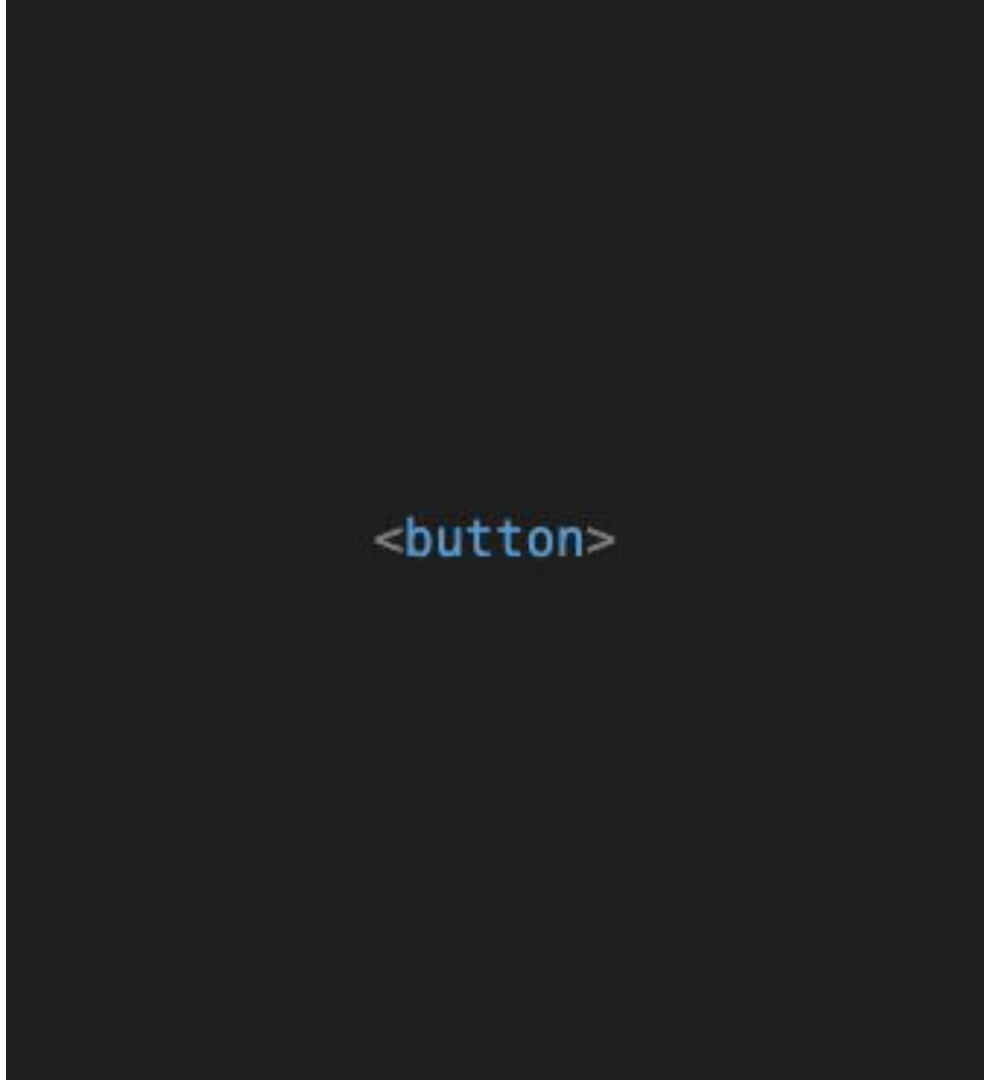


Buttons.

Represents a interactive, clickable button.

Should be used in forms and with JavaScript.

… however do not use to link to another page—use the <a> tag instead !!

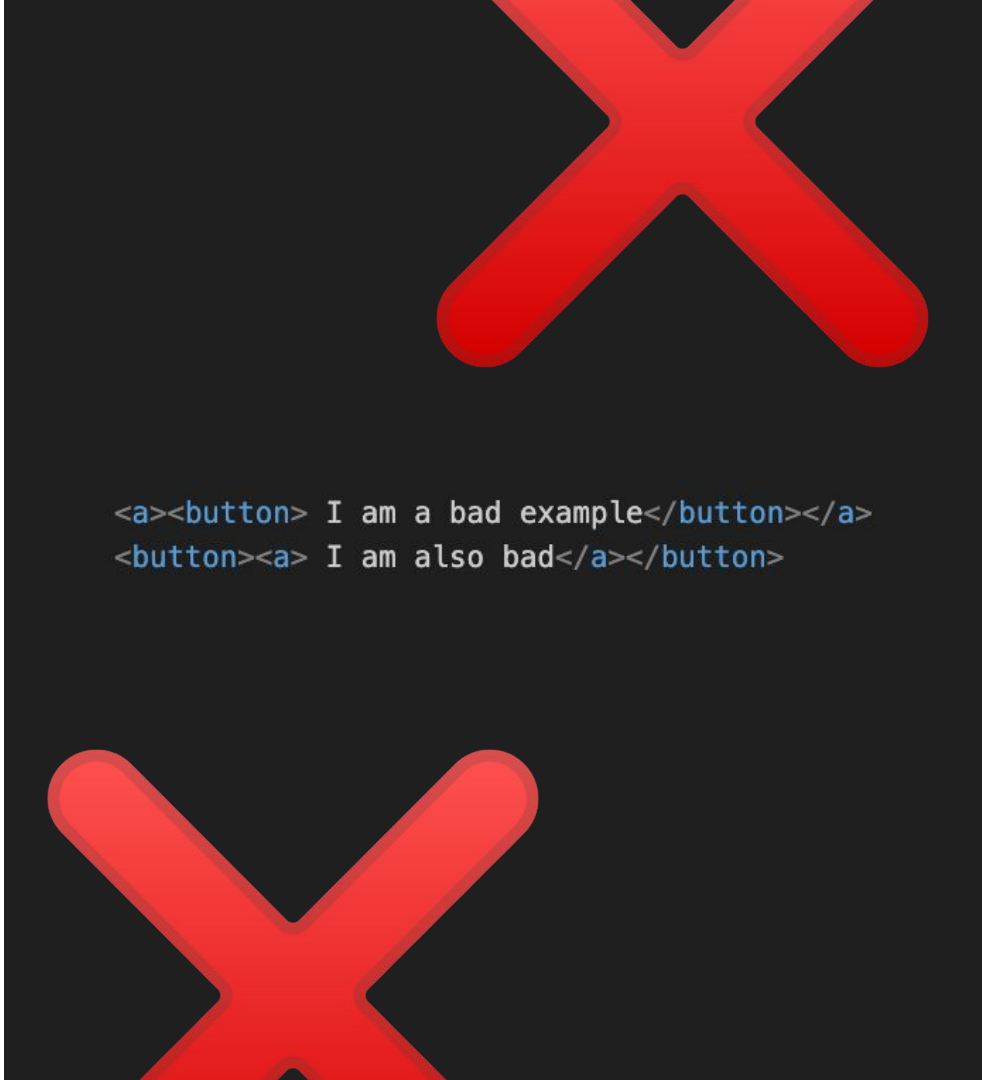


Button vs link.

You can make a button that acts like a link or make a link that looks like a button and you can also style a button to look like a link and a link to look like a button… but you should avoid doing this.

Links and buttons have different roles.

Using a button as a link can cause issues for users who navigate using their keyboard or who use a screen reader.



Use a link.

To redirect a user to a new page

To redirect a user to another section within the same page

To redirect a user to an email or a phone number

Links “send” you somewhere

Use a button.

To open or close something

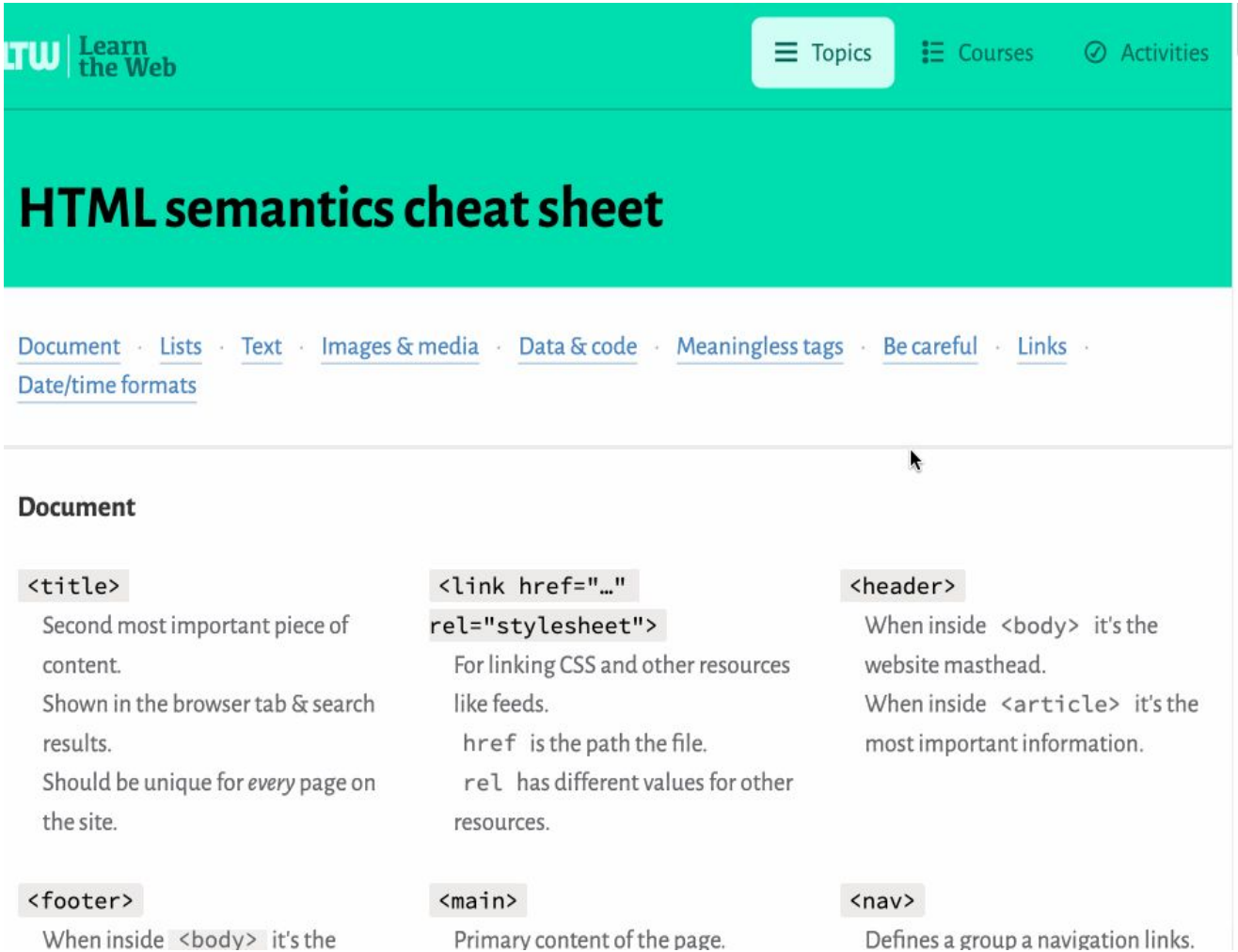
To send a form

In most cases, JavaScript engages with buttons

Buttons “do” something

…and so

much more.



PLANNING A SIMPLE WEBSITE.

Step 1 - Content

Dump all info about what you want your page to be

Step 2 - Structure Content into Groups

What parts might live together on different pages?

Step 3 - Common elements

Note down what seems to be in common between each of these groups.

Step 4 - Site Structure

Draw a sketch of what you might want the structure of each page to look like

Step 6 - Map

Have a bubble for each page on your site, and draw lines to show the typical workflow between pages.

EXERCISES.