

Baby's First Web Page ^_^

Background

Welcome to the internet! This project takes us back to the early days of the web, when pages were simple and functional. The world wide web (www) was initially proposed by Tim Berners-Lee in 1989 as a system for researchers at CERN to share ideas, focusing on "generality and portability" rather than fancy graphics.

EXTRA:

- You can read the original proposal here: w3.org/History/1989/proposal.html
- More on the birth of the web: home.cern/science/computing/birth-web
- And historical archives of the web's beginnings: w3.org/History/

We'll be exploring web design evolution by starting at its birth. Though most pages created around that time are no longer functional and/or accessible, there exist corners of the internet that seem frozen in time – online fossils of sorts.

In the 1990s, web pages were commonly used by academics to share their professional information. These pages often contained “Prof.Dr.” – a phrase which now acts as a codeword of sorts to search for these original web pages.

In this project, we will be recreating the style of these early academic pages.

Examples of active “Prof.Dr.” Pages:

NAME
Prof. Dr. Freddy Delbaen
Stephen Darwall
Prof. Dr. Harry Buhrman
Prof. Dr. Werner Romisch
Prof. Dr. Gerhard Brewka

Task 1: index.html

In this task, we'll travel back to 1993 and create our own "Prof.Dr" page inspired by Gerhard Brewka's page (informatik.uni-leipzig.de/~brewka/).

Using the provided `resume.html` template, you'll need to personalize it with:

- Your name in the title bar
- An ordered list of your interests
- A list of your achievements
- Links to other relevant sites (socials, portfolio, etc.)
- Update the "Last Update" date to the current date

The template already includes placeholders for your personal information, about section, and areas to list your interests, projects, and awards.

For more on html tags and attributes, refer to `HTML_101.pdf` provided.

Extra

If you want to play around with some more features, try adding these:

- Quirks Mode: https://en.wikipedia.org/wiki/Quirks_mode
- Web Ring
- YouTube Embedding

Task 2: HTML extended

For this task, we'll move forward to 1995 and enhance our resume with visual effects using only HTML (no CSS). You'll experiment with styling your layout using pure HTML tags like `<table>`, `<hr>`, ``, and the nostalgic `<marquee>` tag.

This approach reflects how websites were styled before CSS became widely adopted - everything was done directly in the HTML!

Browse and play around with different html tags found [here](#).

(Play with "table","hr","font", ..., and "[marquee](#)")

See examples of what you can achieve in [this](#) video: youtu.be/ux-CDE44H78

Task 3: Styling

Now we jump ahead to the early 2000s (Y2K era) when CSS became popular. CSS, or Cascading Style Sheet, lets us add themes to our html web pages in a more portable way. More on CSS [here](#).

CSS style elements can be added to your file in three different ways:

- Inline: Use the `style` attribute inside HTML elements.
- Internal: Use a `<style>` tag in the `<head>` section.
- External: Use a `<link>` element to connect an external CSS file.

For this task, you will create two different styling approaches for your resume: brutalist and wild. In your project structure, find the pages `brutal.html` and `wild.html`. Currently, they are exact copies of the `resume.html` template, so if you completed the previous task, copy the contents of your personal `resume.html` into both of these new files.

1. **Brutal Style:** Create a "brutalist" design in `brutal.html` following the examples from [brutalist.design/](#). Read more about it [here](#).
2. **Wild Style:** Create a "wild" Geocities-inspired design in `wild.html`, drawing inspiration from [neocities.org/browse](#)

In each file, add a `<style>` tag to the html. This style tag allows us to add our CSS component directly to our HTML file. For now, we will keep everything contained in one file (instead of having a separate `stylesheet.css`)

Implementation

Both versions should include these styling changes:

- **Font:** Apply a new font to the `<p>`, `<h1>`, and `<h2>` tags.
- **Image:** Have the profile image be 200px by 200px, floated right.
- **Content:** Have 960px content width, centered horizontally on screen using `margin`.
- **Margin:** Include 20px margin at top and bottom

Play around with background, text colour, sizes, and anything else you want.

Watch this video to see what you can do with the style tag: youtu.be/yylqxNfWUTw

Task 4: CSS

Finally, we'll modernize our approach by separating content and style by containing our styles within their own respective stylesheet files (known as cascading style sheets with the extension .css)

To explore the powers of CSS, you can explore the CSS Zen Garden. On this website, you can apply the different CSS themes provided on the same html file and see how it changes with various styling.

CSS Zen Garden:

csszengarden.com/

Walkthrough:

csszengarden.com/?cssfile=http://www.brucelawson.co.uk/zen/sample.css

Refer to *CSS_101.pdf* in your project for some more pointers.

Implementation

Move your style implementation from the <style> section in the html files to their corresponding external CSS files:

- /styles/brutal.css
- /styles/wild.css

Then you'll update your resume.html to load these external stylesheets using the <link> tag, allowing you to switch between themes.

See how you can apply different styles and themes to the same html file:

youtu.be/PTjftBfirow

*Project based on walkthrough outlined in: webspace.merz-akademie.de/~olia.lialina/

Extra: Enhancing with JavaScript

Hex-Colour Background Changer



Task

Allow the user (you) to change the background colour of your page. For now, display the corresponding hexadecimal value on the screen to take note of which colours you like!

Purpose

Colours are surprisingly important as I've come to realize.. Settling on a colour theme for your page can be difficult, especially as you start adding more elements. With this project, you will have real-time control of the backdrop which will allow you to play around with what you like :)

JavaScript Source Code: [Click here](#)

Adding Text Typing Animations

Task

Create a text typing animation to display your name when the website is first loaded. In this animation, each letter appears one after the other, simulating a typewriter effect.

Purpose

Personally, I am a visual learner so hopefully seeing your code come to life can help make sense of it!

Text Typing Animation:

- [Watch Video Tutorial](#)
- [Download Source Code](#)

To-Do List Application

Task

Next thing on the To-Do list is... building a To-Do list.. Hah. Users (you) should be able to add, delete, and mark tasks as completed. Build the interface with HTML and CSS, and include JavaScript for functionality.

Purpose

This should get you comfortable adding, editing, and deleting elements.

ToDo List Sample Code: <https://github.com/IndraMahayana/to-do-List>

Resources

World Wide Web:

- Original Proposal: w3.org/History/1989/proposal.html
- Birth of the Web: home.cern/science/computing/birth-web
- Historical Archives: w3.org/History/
- DOM Model: https://en.wikipedia.org/wiki/Document_Object_Model

HTML:

- https://en.wikipedia.org/wiki/Character_encodings_in_HTML
- HTML Elements: <https://developer.mozilla.org/en-US/docs/Web/HTML/Element>
- HTML Browser Support: <https://caniuse.com/>
- HTML Tags: geeksforgeeks.org/html-tags-a-to-z-list/?ref=shm
- HTML Color Codes: <https://htmlcolorcodes.com/>

CSS:

- The CSS Saga: <https://www.w3.org/Style/LieBos2e/history/>
- CSS Tutorial: : https://www.w3schools.com/html/html_css.asp
- CSS Zen Garden: <https://www.csszengarden.com/>
- CSS: <https://developer.mozilla.org/en-US/docs/Web/CSS>
- CSS Selectors: developer.mozilla.org/en-US/docs/Web/CSS/CSS_selectors
- Free CSS Libraries: <https://www.cssscript.com/>
- CSS Fonts: <https://www.w3.org/Style/Examples/007/fonts.en.html>
- Icons and Fonts: <https://fontello.com/>
- Color Codes: <https://htmlcolorcodes.com/>

Javascript:

- Tutorial: <https://www.w3schools.com/js/>
- Free JavaScript Libraries: <https://www.cssscript.com/>

Find Website Inspo:

- Kilobyte Age: <https://oneterabyteofkilobyteage.tumblr.com/>
- Neocities Websites: <https://neocities.org/browse>
- Brutal HTML: <https://brutalist.design/>
- Old Flash Websites: <https://www.webdesignmuseum.org/flash-websites>
- Free Website Templates: <https://freewebsitetemplates.com/>