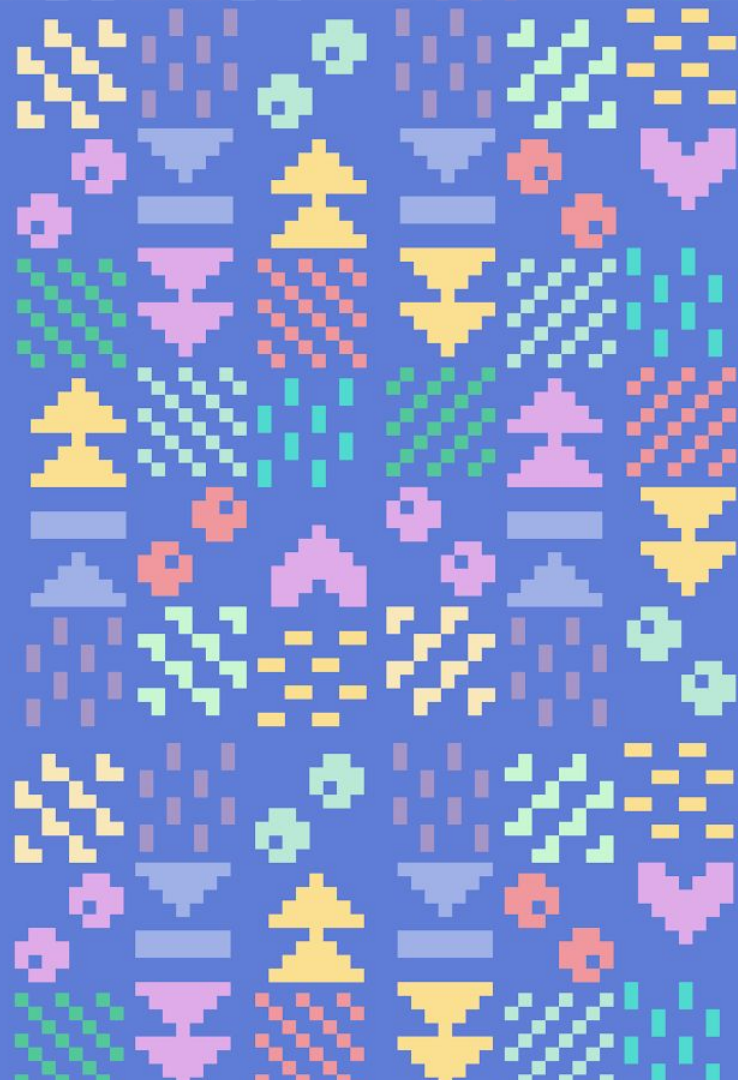GIRL
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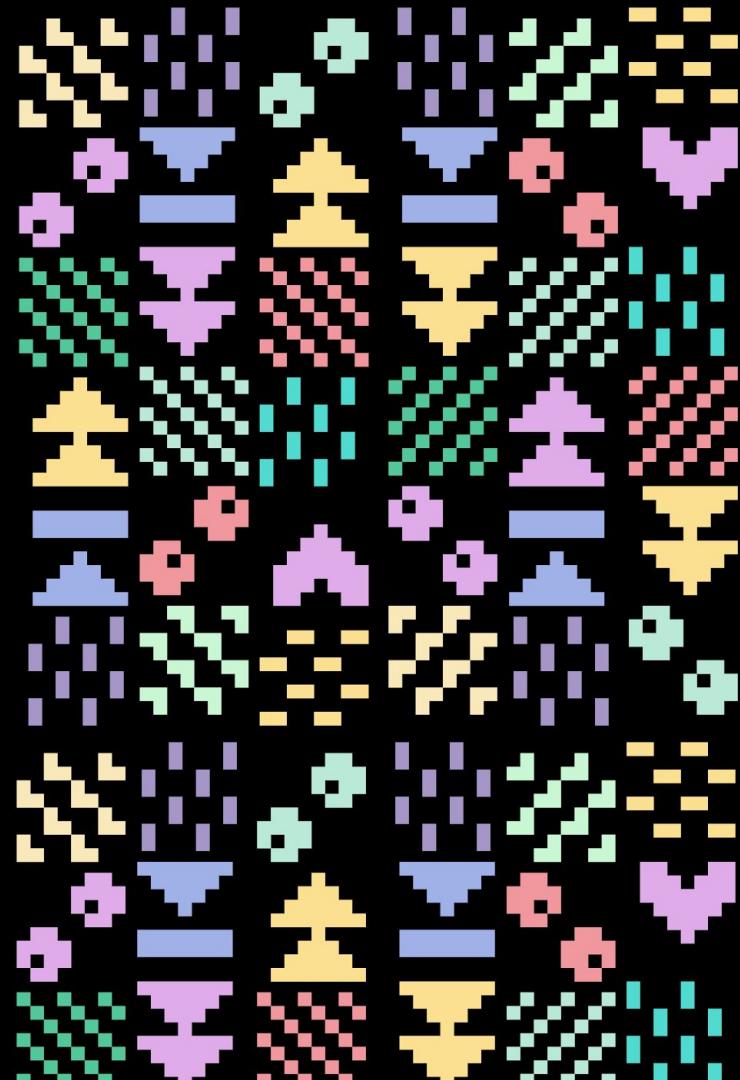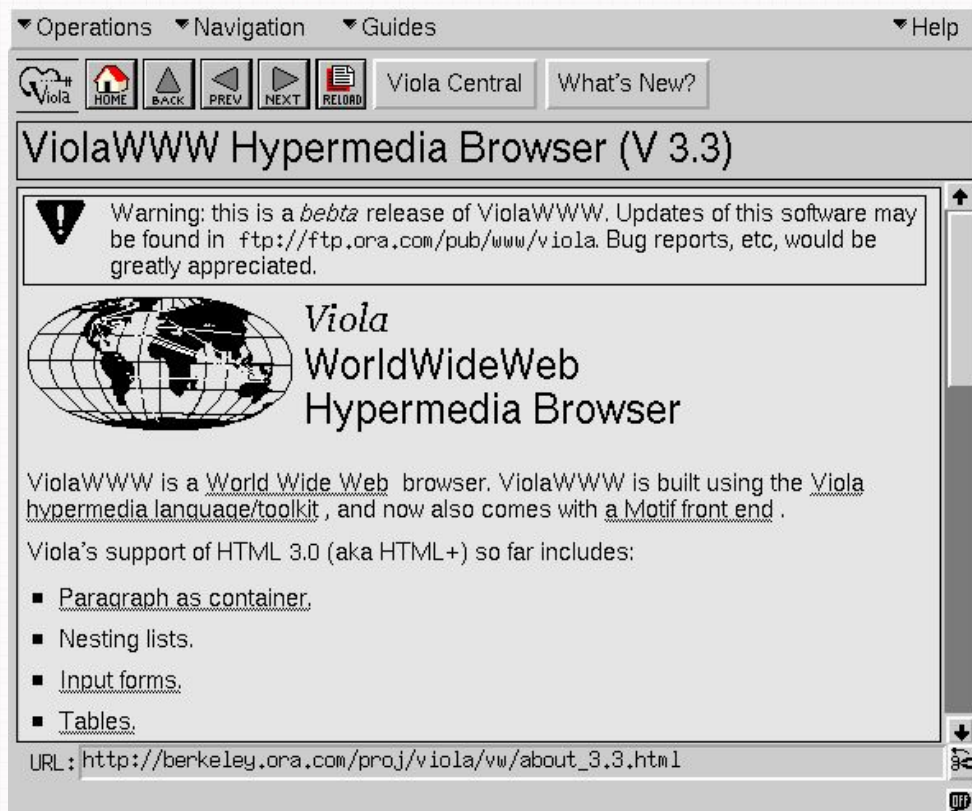
Making a Website with
CSS

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We would like to acknowledge the Wurundjeri people of the Kulin nation who are the traditional custodians of the land on which we're meeting today.

Let's talk about CSS

- CSS stands for Cascading Style Sheets. Like its name suggests, its emphasis is on "Style".
- While HTML is used for the structure, CSS comes through and specifies your document's style such as the page layout, colour, and fonts.

▼Operations ▼Navigation ▼Guides ▼Help

HOME BACK PREV NEXT RELOAD Viola Central What's New?

ViolaWWW Hypermedia Browser (V 3.3)

⚠ Warning: this is a *bebta* release of ViolaWWW. Updates of this software may be found in `ftp://ftp.ora.com/pub/www/viola`. Bug reports, etc, would be greatly appreciated.

Viola
WorldWideWeb
Hypermedia Browser

ViolaWWW is a World Wide Web browser. ViolaWWW is built using the Viola hypermedia language/toolkit, and now also comes with a Motif front end.

Viola's support of HTML 3.0 (aka HTML+) so far includes:

- Paragraph as container.
- Nesting lists.
- Input forms.
- Tables.

URL: `http://berkeley.ora.com/proj/viola/vw/about_3.3.html`

What You Can Do With CSS

GIRLGEEKACADEMY

Welcome   About   Microsoft Mondays AI Series   Sunsilk STEM   SheHacks Vanuatu   **Shop**

WELCOME TO OUR WORLD

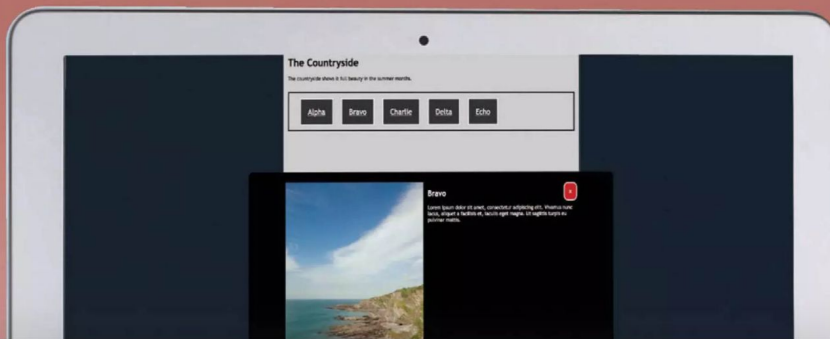## GIRL GEEK ACADEMY IS A MOVEMENT TEACHING ONE MILLION WOMEN TECHNOLOGY SKILLS BY 2025!

At Girl Geek Academy, friendship is fundamental. We bring women together and grow our community by learning from each other: sharing careers skills, tech tricks and we're united by a love of learning.

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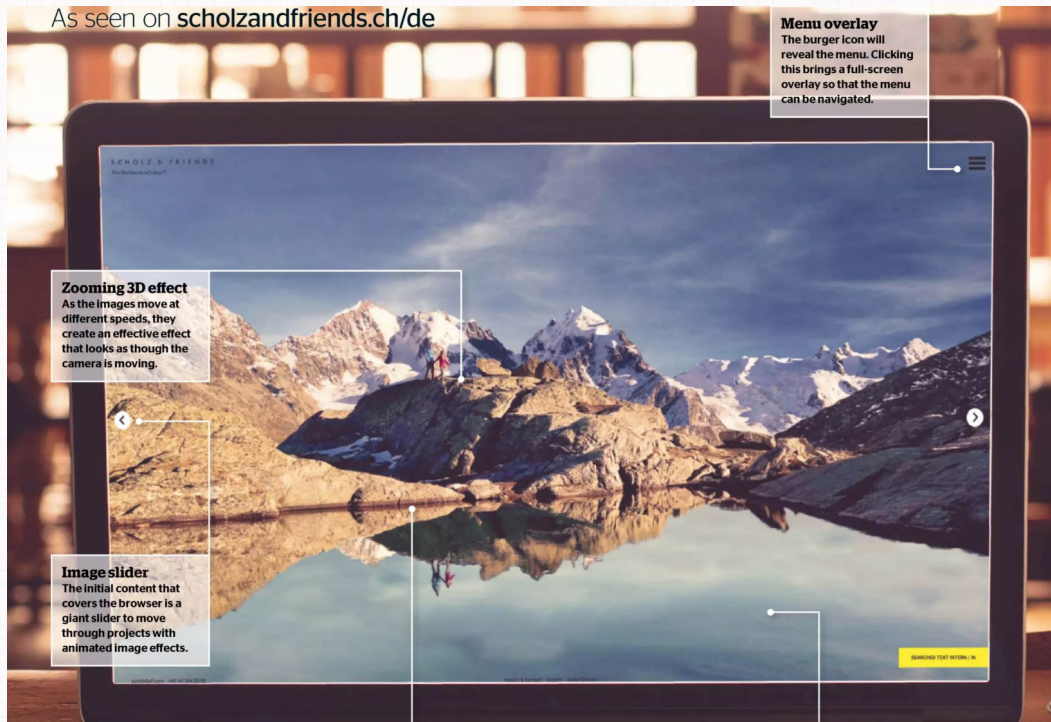
What You Can Do With CSS

Form pop-up
modal boxes
with pure CSS

Show new information in a modal box along with animation
effects without loading a new page

What You Can Do With CSS

As seen on **scholzandfriends.ch/de**

Menu overlay
The burger icon will reveal the menu. Clicking this brings a full-screen overlay so that the menu can be navigated.

Zooming 3D effect
As the images move at different speeds, they create an effective effect that looks as though the camera is moving.

Image slider
The initial content that covers the browser is a giant slider to move through projects with animated image effects.

Working with CSS : Elements

- To work with CSS, you need to play around with **HTML elements** such as p, h1, div, etc.
- Have a look at this cheat sheet! https://htmlcheatsheet.com/css/

CSS Selectors

- CSS rules are made up of selectors and properties
- The way we tell our CSS rule which HTML elements to style is by using selectors.
- There are many types of selectors, butwe just want to begin by looking at one important one: the **element selector**

```
Syntax
selector{
property: value;
property2: value2;
}
```

CSS: Selecting by ID

A CSS ID selector uses the ID attribute of an HTML element to select one unique element on a page.

CSS ID Selector

Let's jump into the activity!

Go to ... https://www.khanacademy.org/computing/computer-programming/html-css/intro-to-css/pt/css-basics

Recap: Selecting by tag name

The element selector selects HTML elements based on their tag names

- Each HTML element—<h1>, <p>, <li>, <body>—and any other HTML element can be selected with CSS by using the tag name without the angle brackets (< and >).
- For example, you can select all of the <p> tags in your webpage by using the element selector p.
- Here's a CSS rule that changes the color of each paragraph on a web page:

```
p {
    color: rgb(255, 0, 0);
}
```

Recap: Selecting by id

What if we just wanted to select the first h2 or p?

- We need a way to tell browser which element we're selecting so it doesn't apply the style to all of the h2 or paragraph for example.
- To do that we give a tag in our page a unique ID.
- Modify the HTML to add ID attributes to tags!

```
    <p id="rabbits-song">Little Bunny Foo Foo,
<br>
I don't want to see you <br>
scooping up the field mice <br>
and bopping them on the head!</p>
```

```html
1   <!DOCTYPE html>
2   <html>
3       <head>
4           <meta charset="utf-8">
5           <title>CSS: Selecting by id</title>
6           <style>
7
8           h2 {
9               color: rgb(0, 232, 15);
10          }
11
12          p {
13              color: rgb(191, 0, 255);
14          }
15
16          #rabbits-song {
17              background-color: yellow;
18          }
19
20          #rabbits-info-heading {
21              background-color: purple;
```

Recap: Selecting by class

Remember, we're not allowed to use the same ID on multiple tags.

- So if we wanted to select the other paragraphs, we'd have to give each of them a new ID. Every ID needs to be unique.
- But what if you wanted to add unique styling and formatting to a whole heap of elements? Use classes!
- A class basically lets you apply unique styling and formatting to those elements in the group with CSS.

```
<h2 id="rabbits-info-heading">Basic Info</h2>

<p>Rabbits are little creatures with long
ears and puffy tails, and they move their nose u
and down in an adorable way. They eat the most
orange vegetables in <em>our</em> world, and
```

```
.song-lyrics {
    background-color: yellow;
}
```

THANKS FOR JOINING IN TODAY AND HAVING FUN TOGETHER EVERYONE!!

Please feel free to send any future enemy A.I projects you do to
hello@girlgeekacademy.com

We wanna see what you come up with!