



**HTML Day**  
2025

@YXE

## **Greetings!**

Welcome to the 2025 edition of HTML Day Saskatoon. It's my privilege to celebrate *the* language of the Web with you.

HTML powers much of the Internet. While it can sometimes seem complex, it's actually very approachable and empowering. At its core are sharing and linking knowledge – giving anyone with a text editor and an internet connection a voice on the World Wide Web.

Unfortunately, for many, the Internet today has narrowed into just a handful of services, rather than a diverse network of interconnected sites. Creativity has been boxed into content streams, scraped and moderated by algorithms.

But it doesn't have to be this way. The IndieWeb movement shows that people – working together – can reclaim what once felt like the domain of big tech companies. You, too, can build your own web page or even a whole site today, and become part of a vibrant and human-centered Web.

Welcome to HTML Day!

Sincerely,  
River

## **What is the Web?**

The World Wide Web is a vast network of interconnected **web sites** – digital spaces you visit using a web browser like Chrome, Firefox, or Safari. Each web site can contain one page or thousands of pages, all linked together.

These web sites live on **web servers** – special computers that stay connected to the internet 24/7, ready to show your pages to visitors from around the world. Think of servers as helpful librarians, keeping your web site safe and making sure anyone who wants to read it can access it anytime.

## What are Web Pages?

A **web page** is a digital document made of two main ingredients:

- **Text content** structured with HTML
- **Multimedia files** like images, videos, or audio that you reference in your HTML

When you visit a web page, your browser downloads the HTML text and any referenced files, then displays them as the page you see.

## Understanding HTML

HTML stands for HyperText Markup Language. It's a **markup language** – meaning it uses special codes called **tags** to tell browsers how to display content.

Tags look like this: <tagname> and usually come in pairs:

- <strong>**This text is bold**</strong>
- <em>*This text is emphasized*</em>

Think of tags as instructions wrapped in angle brackets < > that tell your browser "make this heading big" or "make this text italic."

## HTML Document Structure

Every HTML document is a text file saved with a .html or .htm extension. HTML documents have a **hierarchical structure** – meaning elements can be nested in one another.

Take a look!

A basic HTML5 document looks like this:

The `<head>` section contains information *about* your page (like the title that appears in browser tabs), while the `<body>` contains what visitors actually see.

```
<!DOCTYPE html>
<html>
  <head>
    <title>My Web Page</title>
  </head>
  <body>
    <h1>Hi, I'm Jane Doe</h1>
    <p>
      Welcome to my corner
      of the web ❤️
    </p>
  </body>
</html>
```

## Essential Tags

Here are the building blocks you'll use most often:

**Headings:** Create titles and section headers

- `<h1>Main Title</h1>`
- `<h2>Section Title</h2>`
- `<h6>Smallest Heading</h6>`

**Text:** Structure your writing

- `<p>A paragraph of text</p>`
- `<strong>Bold</strong>`
- `<em>Italic</em>`

**Images:** Add visual content

``

The `alt` attribute describes the image for screen readers and shows if the image doesn't load.

## Web Site Structure

The first web page visitors see when they open your web site, is called **home page** and its file is usually called `index.html`

You may decide to create other pages, for example `about.html`, or `contact.html`

Visit `slashpages.net` for more ideas!

## Connecting Pages

The magic of the web happens with **hyperlinks** – connections between pages using the `<a>` tag:

```
<a href="https://example.com">  
  Visit Example Site  
</a>
```

You can also reference pages of your own web site. For example:

- `./about.html` – one dot means the same folder (and it's optional!)
- `./blog/2025/Aug/02-html-day.html` – you can use nested folders to organize pages
- `../Jul/31-monthly-summary.html` – two dots means the parent folder

- `/contacts.html` – forward slash is a shortcut to your website root

Links create the "web" in World Wide Web – they let you connect your ideas to other people's pages, and let visitors explore related content.

By the way! There are other types (URI schemes) other than `https`:

- `mailto:jane.doe@example.com` for E-mail addresses
- You can also make links to phone calls `tel:+15551234567` and use `sms:` for short messaging service

## **Publishing Your Work**

**Neocities** ([neocities.org](https://neocities.org)) offers free web hosting that's perfect for personal sites:

1. Sign up for a free account
2. Upload your HTML file
3. Your site will be live at  
`yourusername.neocities.org`

### **Other free alternatives:**

- Nekoweb ([nekoweb.org](https://nekoweb.org))
- YAY.BOO! ([yay.boo](https://yay.boo))
- Static.app ([static.app](https://static.app))

Your web site will be accessible to anyone on the internet – that's the beauty of the open web!

## Keep Learning

Ready for more? Here are excellent resources to continue your journey:

- **W3Schools** ([w3schools.com](https://www.w3schools.com))
- **MDN** ([developer.mozilla.org](https://developer.mozilla.org))

## Beyond HTML

CSS and JavaScript give you tools to make your websites look better and add interactive features.

- **CSS** – Makes your pages beautiful with colors, fonts, and layouts. Get started with lessons from W3Schools or fast-forward to the cool stuff with CSS Tricks ([css-tricks.com](https://css-tricks.com))

- **JavaScript** – Adds interactive features like buttons and animations.

JavaScript.info is a solid resource on this programming language ([javascript.info](https://javascript.info))

**Server-side programming** opens up dynamic websites that can store user data, process forms, and connect to databases. Popular languages include PHP, Python, and Node.js

*Remember: you can build amazing things with just HTML. Don't feel pressured to learn everything at once!*

## Join the Community



**Questions? Want to share  
your creations?**

Join our Discord server:

[https://discord.gg/  
beyfmWqFRq](https://discord.gg/beyfmWqFRq)

I'll be there to help answer questions, provide feedback on your projects, and celebrate your web-building victories. The community is friendly and supportive – perfect for beginners and experienced folks alike.

**Keep building, keep sharing,  
Keep the web weird and wonderful!**

## Notes

.....

.....

.....

.....

.....

.....

.....

.....

# Notes

.....

.....

.....

.....

.....

.....

.....

.....



<https://yxe-html.neocities.org>