HTML 101

What is HTML

Hyper Text Markup Language

From this:

Welcome! We hope you enjoy your stay Packing List clothes shoes shaving kit chargers Check-in early check-in is noon regular check-in is 2pm check-in online

To this:

Welcome!
We hope you enjoy your stay
Packing List
- clothes
- shoes
- shaving kit
- chargers

Check-in
- early check-in is noon
- regular check-in is 2pm
- check-in online

But it's not pretty!

That's CSS's job

But it doesn't do anything!

That's JavaScript's job

Tools

Text editor (not Word!!)

Browser

Validator

Accessibility tester

*Host for the WWW

Basic structure

Doctype

HTML

Head

Body

Building blocks

elements (tags)
- <p>
- Over 100!!

attributes
- alt="yada yada"

text

Block-level elements

takes up space (a block)

i.e. <p>, <div>, <h1>

Inline elements

acts like a word

i.e. <a>, <strong>, <button>

sometimes self-closing
- i.e. <input />

Nesting tags

Not everything can nest

(almost) No blocks inside inlines

<html>

Must have lang attribute

<head>

<meta>

<title>

<link>

<style> ?
- NO!

<script> ?
- in the foot

<body>

Tags

Text

Semantics

The meaning

Right tag for the right job

Don't use
- <i>
- <b>
- <u>
- <hr />
-
- <small>

Headings <h1>...<h6>

Keep the order

Is it a heading?

Paragraphs <p>

Don't use <div>

Don't use
 (EVER!)

Lists

ordered

unordered

list item

Images <img />

Must have src attribute

Must have alt attribute

No text

Links <a>

Must have href attribute

go somewhere
- external
- internal

download a file

Buttons <button>

Must have type attribute
- submit
- reset
- button

do something

Division <div>

groups block-level elements

format with css

Advanced markup

<table>

<form>

<video>

sectioning
- <main>
- <article>
- <section>

- <nav>
- <aside>
- ...