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HTML Next Steps and Semantics

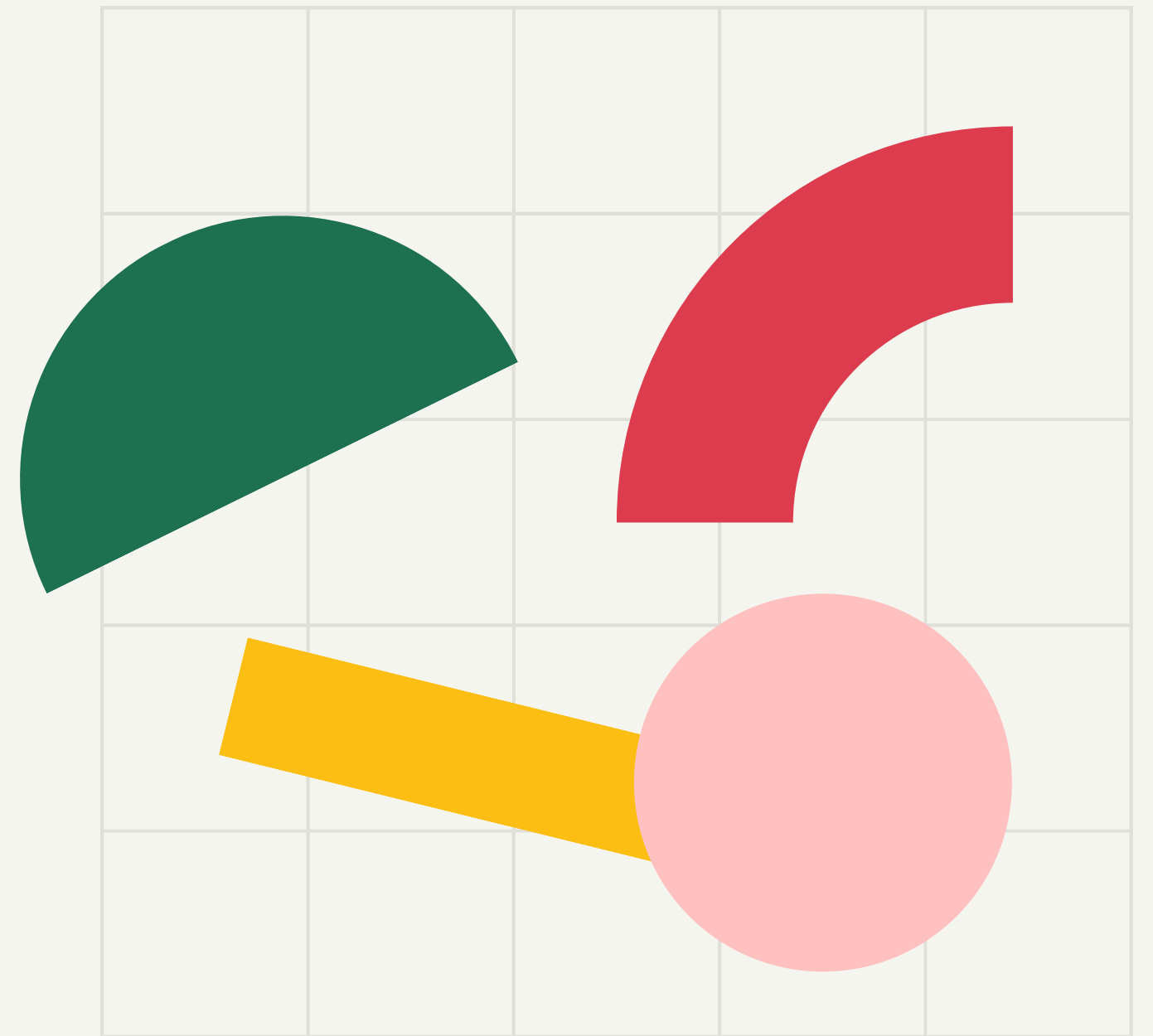
Course for Beginners



Unit Goals

what we'll cover

- define HTML5
- write semantic markup
- work with entity codes
- understand inline vs block
- utilize elements including
 - div & span
 - sup & sub
 - em & strong
 - header & footer
 - main & nav





HTML



What is HTML5?



LIVING STANDARD

The HTML standard is a document that describes how HTML should work



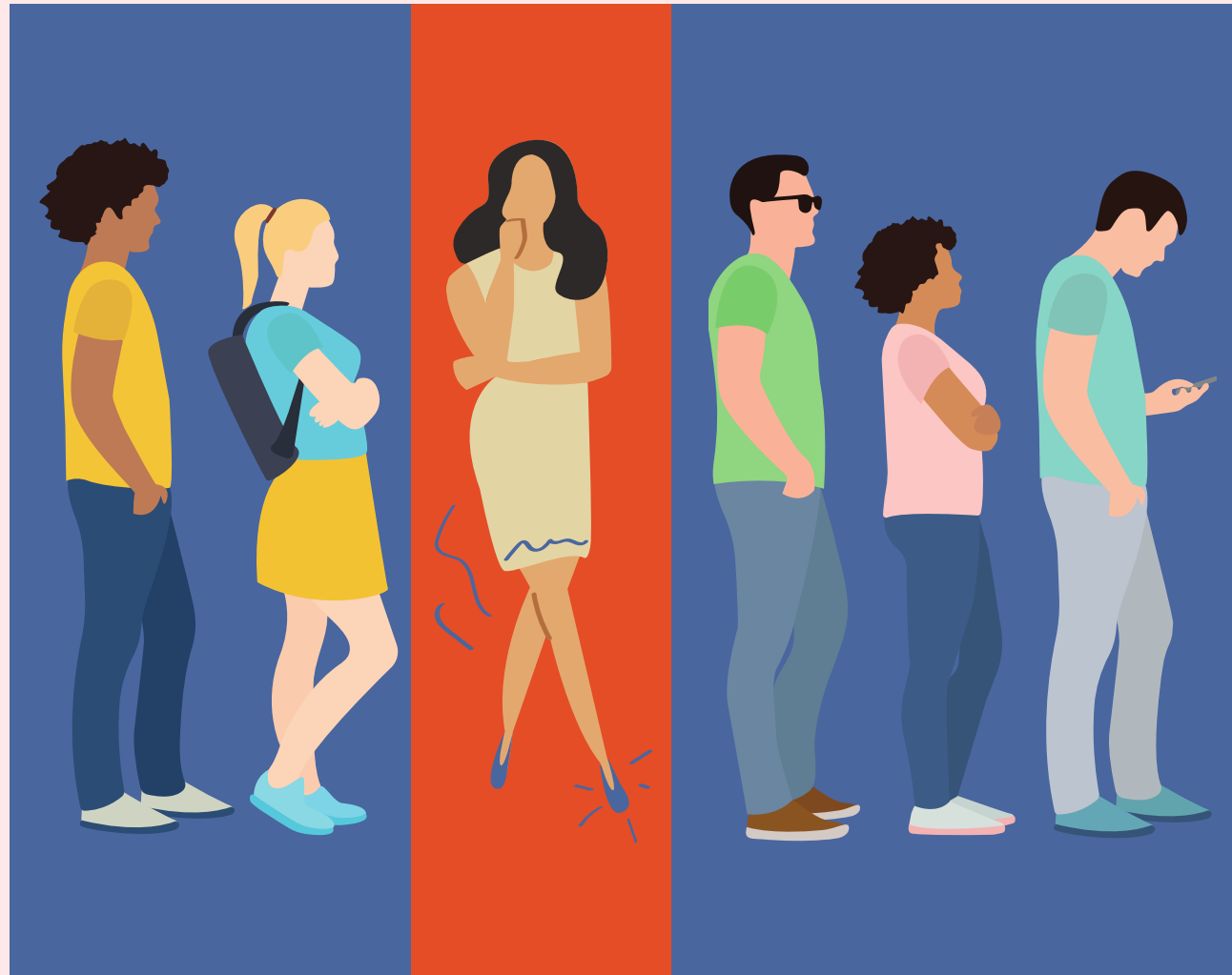
ROLE OF BROWSERS

The standard describes the rules of HTML, but browsers actually have to do the work and implement HTML according to those rules

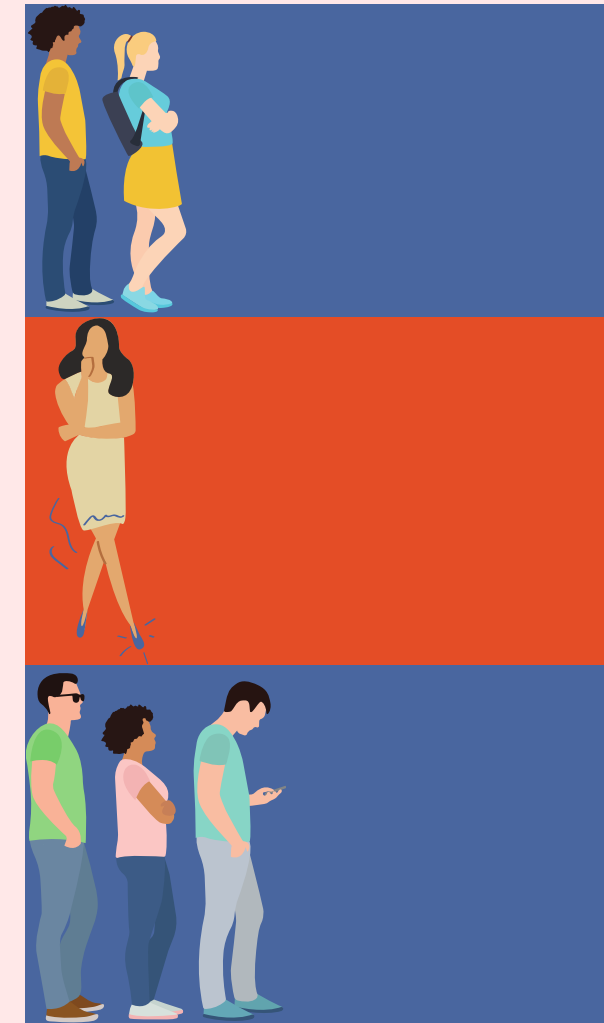
HTML5?

HTML5 is the latest evolution of the standard that defines HTML. It includes new elements & features for browsers to implement.

HTML ELEMENT TYPES



INLINE Elements
fit in alongside other elements



BLOCK Elements
take up a whole "block" of space



SEMANTIC MARKUP

Semantic – relating to meaning

"what purpose or role does that HTML element have?"



INSTEAD OF DIVS

Use more specific elements like:

`<section>`

`<article>`

`<nav>`

`<main>`

`<header>`

`<footer>`

`<aside>`

`<summary>`



HTML ENTITIES

`♣ ♣ ♣ ♣`

gives us:





HTML ENTITIES



- start with an ampersand and end with a semicolon
- used to display reserved characters, that normally would be invalid
- also used in place of difficult to type character
- the browser interprets them and renders the correct character instead