

# HTML & CSS

## „THE BEGINNING”

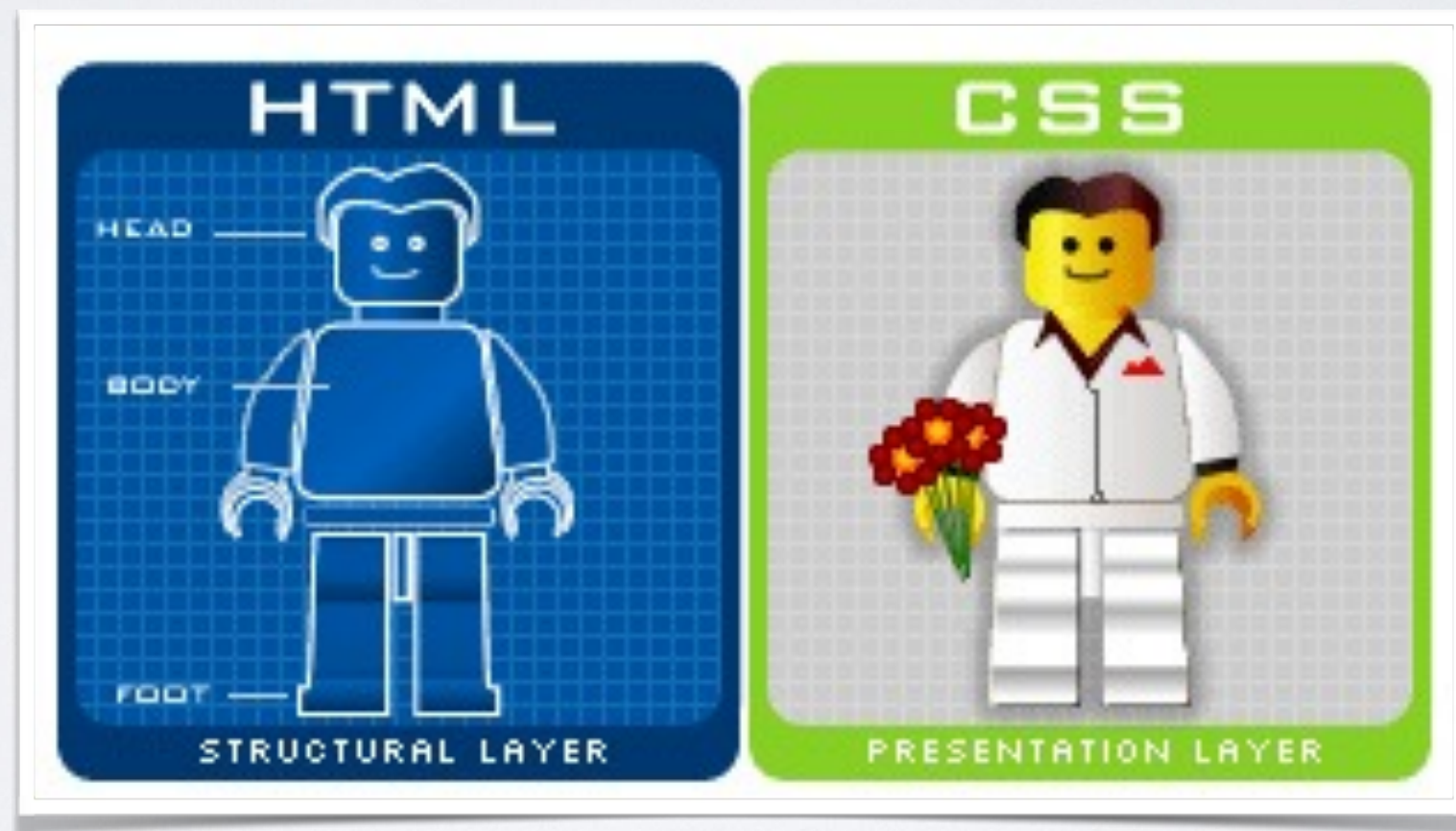
Monika Zamojska  
Bartosz Tupta







# HTML CSS



# HTML



# DOCTYPE

- it is an instruction to the web browser about what version of HTML the page is written in
- **HTML5**  
`<!DOCTYPE html>`
- **HTML 4.01 Strict**  
`<!DOCTYPE HTML PUBLIC "-//W3C//DTD HTML 4.01//EN" "http://www.w3.org/TR/html4/strict.dtd`



DIV ID="header"

DIV ID="nav"

DIV ID="section"

DIV ID="article"

DIV ID="sidecolumn"

DIV ID="footer"

[...]

```
<div id="header"></div>
```

```
<div id="nav"></div>
```

```
<div id="section">
```

```
    <div id="article"></div>
```

```
</div>
```

```
<div id="sidecolumn"></div>
```

```
<div id="footer"></div>
```

[...]

<header>

<nav>

<section>

<header>

<article>

<footer>

<aside>

<footer>



[...]

<header></header>

<nav></nav>

<section>

    <header></header>

    <article></article>

    <footer></footer>

</section>

<aside></aside>

<footer></footer>

[...]



A man with a light complexion and dark hair is standing in the center of a classroom. He is wearing blue briefs and is barefoot. He is holding a small, colorful object in his right hand. The classroom has a green chalkboard in the background, a desk with a chair to the left, and a bookshelf to the right. There is a framed picture of a man on the wall and a whiteboard on the right. The text "MY BODY IS READY" is overlaid in large, white, outlined letters across the bottom of the image.

**MY BODY IS READY**

**CSS**





**YOU ARE**  
**THE CSS**  
**TO MY**  
**HTML**

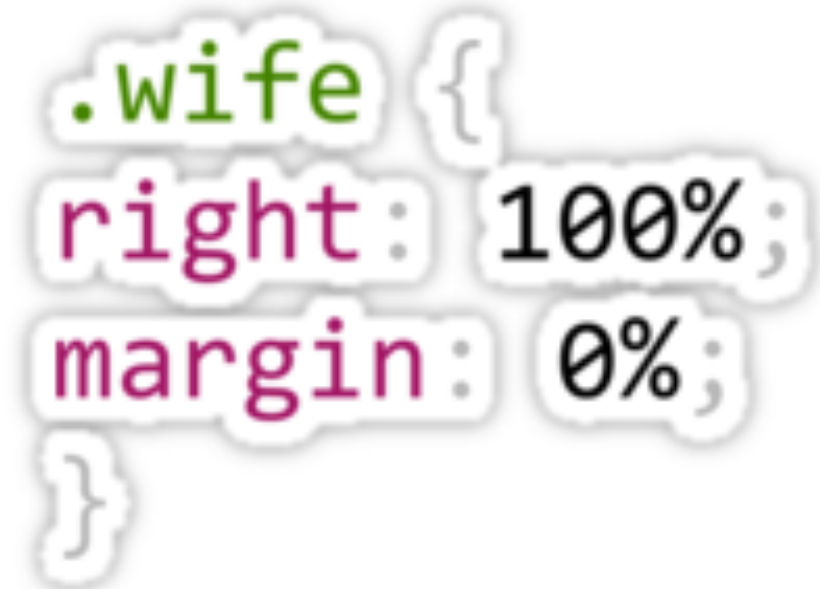
```
#xyz { color: red }
```

The diagram illustrates the components of a CSS declaration. The code snippet is `a { background-color: yellow; }`. Labels with arrows and brackets identify the parts: 'selector' points to `a`; 'property' points to `background-color`; 'value' points to `yellow`; 'declaration end' points to the closing curly brace `}`. Additionally, 'declaration start' points to the opening curly brace `{`, 'property/value separator' points to the colon `:`, and 'declaration separator' points to the semicolon `;`.



# SELECTORS

- `.className {}`
- `tagName {}`
- `#idName {}`
- `.className.classNameModifier{}`
- `tagName[attr=value] {}`
- `.className:pseudoClass {}`
- `* {}`
- `element > element`
- ... others



```
.wife {  
  right: 100%;  
  margin: 0%;  
}
```

# PROPERTIES

~ 200



CSS

Global  
HD



# SEMANTIC HTML

WHY SO IMPORTANT?





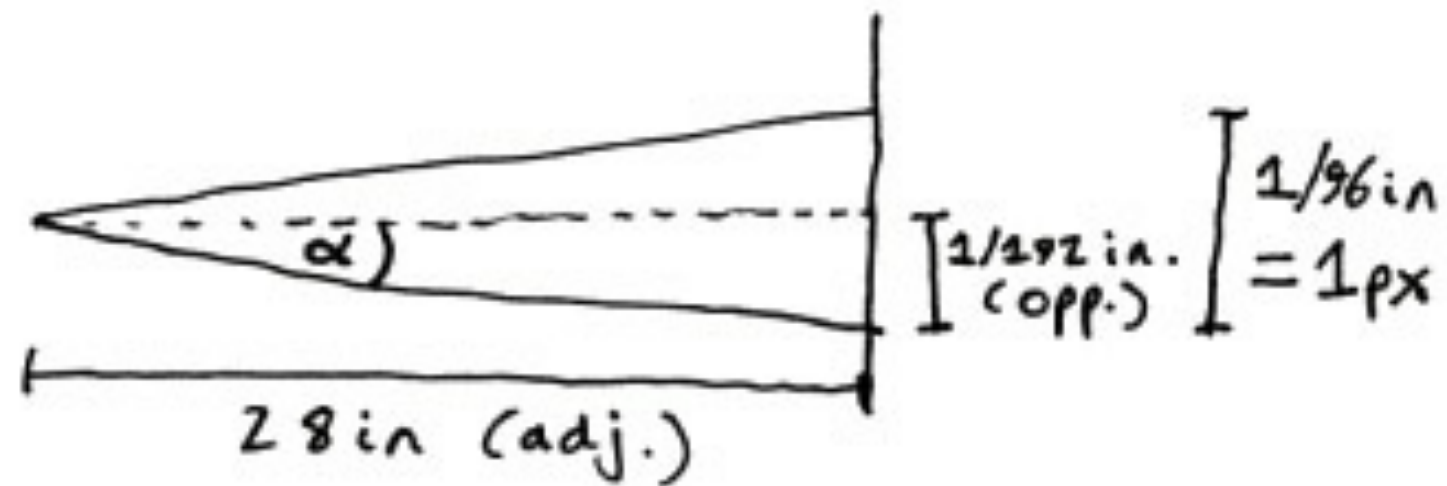




„I feel so guilty adding a div.  
Div-itis is terrible, I hear.”

– developer

SEMANTIC REALISM  
ACCESSIBILITY  
READABLE



# UNITS

%, em, px, pt, pc, ex, cm, mm, in, rem, vh, vw, vmin, vmax



PX



# EM

- Relative to the font-size of the element (2em means 2 times the size of the current font) (but only font-size)
- Useful in Responsive Web Design

# EM (EXAMPLE)

```
body {  
  font-size: 14px;  
}  
h1 {  
  font-size: 2em;  
}  
p {  
  font-size: 1.2em;  
}
```

h1 header 28px

and this is a paragraph which is 16px

<http://pxtoem.com/>



%





# THE FIRST TIME YOU APPLY A CSS TO A WEB PAGE







# LESS / SASS

CSS preprocessors



MONIKA!  
IT'S YOUR TURN!

CSS DIN(N)ER

# HELPERS!

Monika

Robert

Tomasz



# OPEN IT.

- <http://bit.ly/IoEpqyD>
- or just <http://flukeout.github.io/>

# TIME FOR WORKSHOPS!

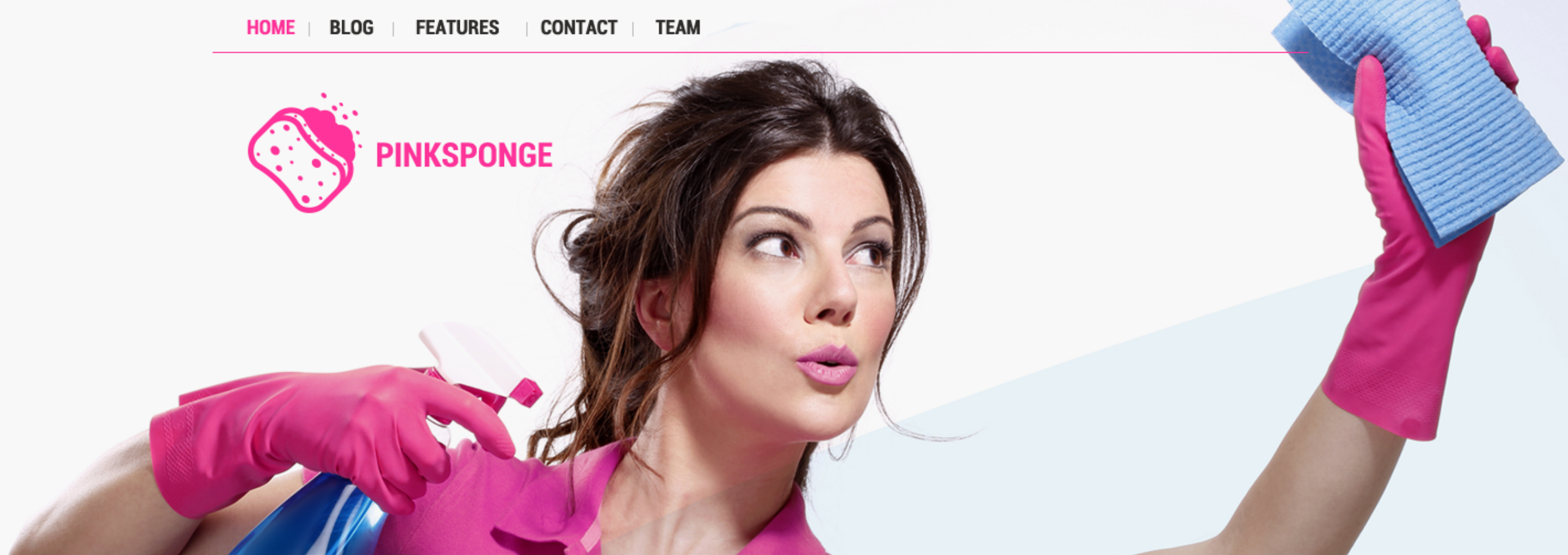
- you have 90 minutes
- you've got our “helpers”
- download assets from:  
<http://thewayforward.pl/pinksponge.zip>

GO!





PINKSPONGE



# WELCOME TO PINKSPONGE , A SUPER BOLD RESPONSIVE SPA FOR YOUR WEB APP

[LEARN MORE](#)



## SEMANTIC MARKUP WITH A SINGLE WIPE.

Just wipe your keyboard smoothly using a pink sponge and your markup will get cleaned,



## SHINY VISUALS LIKE YOUR POLISHED SCREEN.

Move slowly pink sponge through your screen to get your visuals polished and shiny.



## EXPLOSIVE UX WITH A LITTLE SQUEEZE

Squeeze the pink sponge over your pointing device and get amazing user experience with fancy effects and



## MINIMAL ANIMAL JUST GOT WILD

Just touch your resources with a magic pink sponge and whatever they are – images or scripts, they will get