

CASCADING STYLE SHEET

CSS



SPEEDUP
I N F O T E C H

Introduction to CSS

- What is CSS?
- Why is it necessary?



Types of CSS

- Inline CSS
- Internal CSS
- External CSS

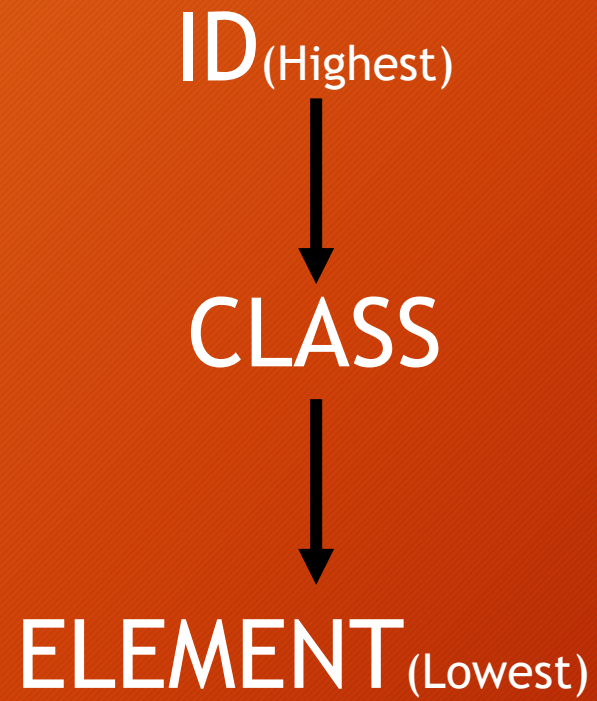


CSS Selectors

- Element
- Id
- Class



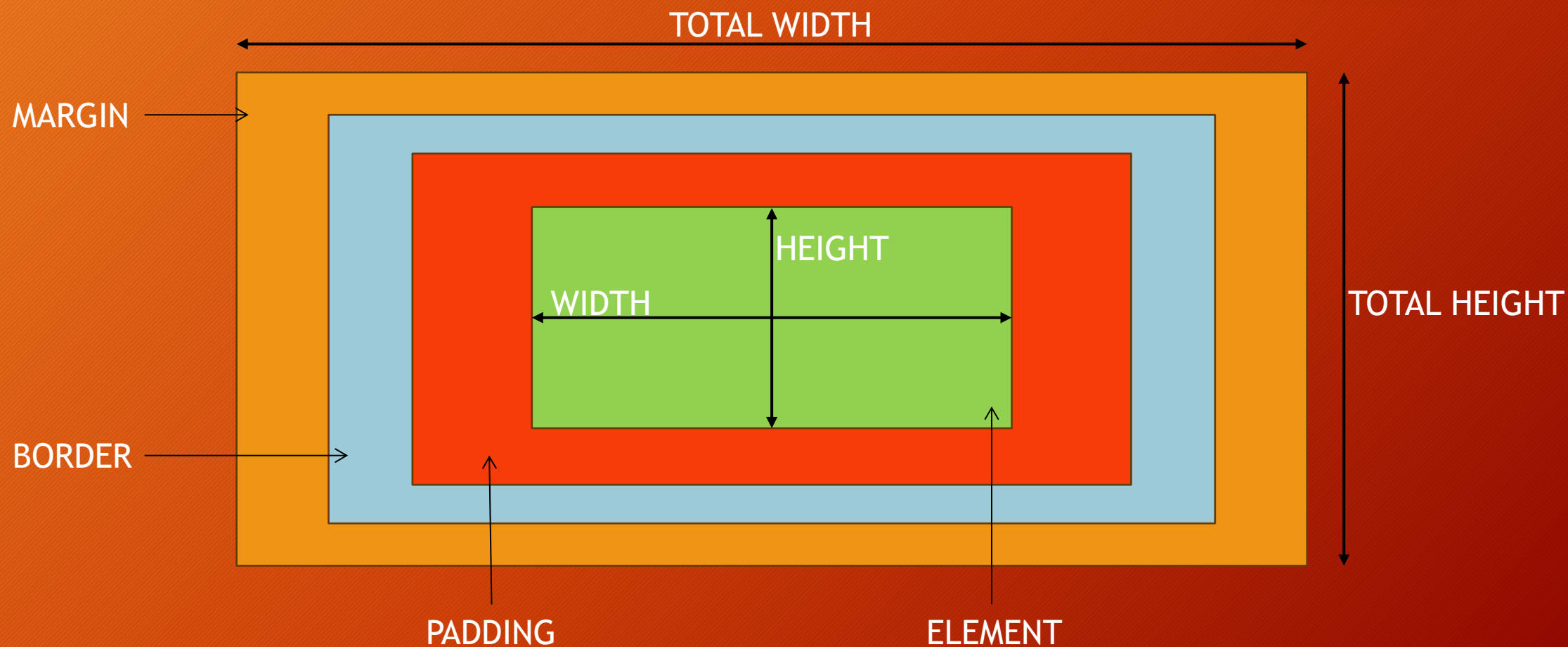
Selector Priority



CSS Comments

- Comments are used to keep pointers for self use or for other developers.
- They are also used to disable a certain part of the code.
- The content written in comments stays invisible.

CSS Box model



Box sizing

- Changing the margins
- Changing the padding
- Changing the border
- Changing the width and height



Colours in CSS

- RGB
- RGBA
- HEX
- HSL
- HSLA



CSS Background

- Image as background
- background-position
- background-size
- background-attachment



CSS Borders

- width
- radius
- colour



CSS height and width

- Height and width can be adjusted in:
 - pixels
 - Percent of parent container



CSS Texts

- color
- text-align
- text-decoration
- text-transform
- writing-mode



CSS Fonts

- font-size
- font-weight
- font-style
- font-variant
- font-family



CSS Units

- Absolute
- Relative



Absolute units

- cm
- mm
- in
- px
- pt
- pc



Relative units

- em: Relative to the parent element
- Rem: Relative to the root (html) tag size
- vh: 1% of the viewport height
- vw: 1% of the viewport width
- %: Relative to the parent



CSS Positioning

- static
- relative
- fixed
- absolute



CSS Layers and Z-index

- float
- clear



CSS Box shadow

- x-axis
- y-axis
- blur-radius
- spread-radius
- color
- shadow-direction



CSS text shadow

- x-axis
- y-axis
- blur(px)
- color



CSS Overflow

- auto
- visible
- hidden
- scroll



CSS Display and Visibility

- Display:
 - none
 - inline
 - block
 - inline-block
- Visibility:
 - hidden
 - visible



2D transform

- translate
- rotate
- scale
- skew
- transform-origin



3D transform

- rotate3d
- translate3d



CSS Transition

- transition-property
- transition-duration
- transition-delay
- transition-timing-function



CSS Flexbox

- flex-direction
- flex-wrap
- flex-flow
- justify-content
- align-items
- align-content
- order
- flex-grow
- flex-shrink
- flex-basis



CSS Media Queries

DESKTOP



IPHONE SE



SAMSUNG FOLD



CSS Pseudo classes

- first-child
- last-child
- nth-child
- last-nth-child



CSS Pseudo Elements

- first-letter
- first-line
- before
- after
- universal selection



CSS Links

- link
- visited
- hover
- active

