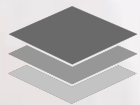




UI Engineering Studio. Day 3



Bootcamp: CSS - Layout

Cascading Style Sheets - Layout

CSS page **layout techniques** allow us to take **elements contained** in a web page and control where they are **positioned** relative to their default position in normal layout flow, the other elements around them, their parent container, or the main viewport/window.

- Mozilla Web Docs



Box Model

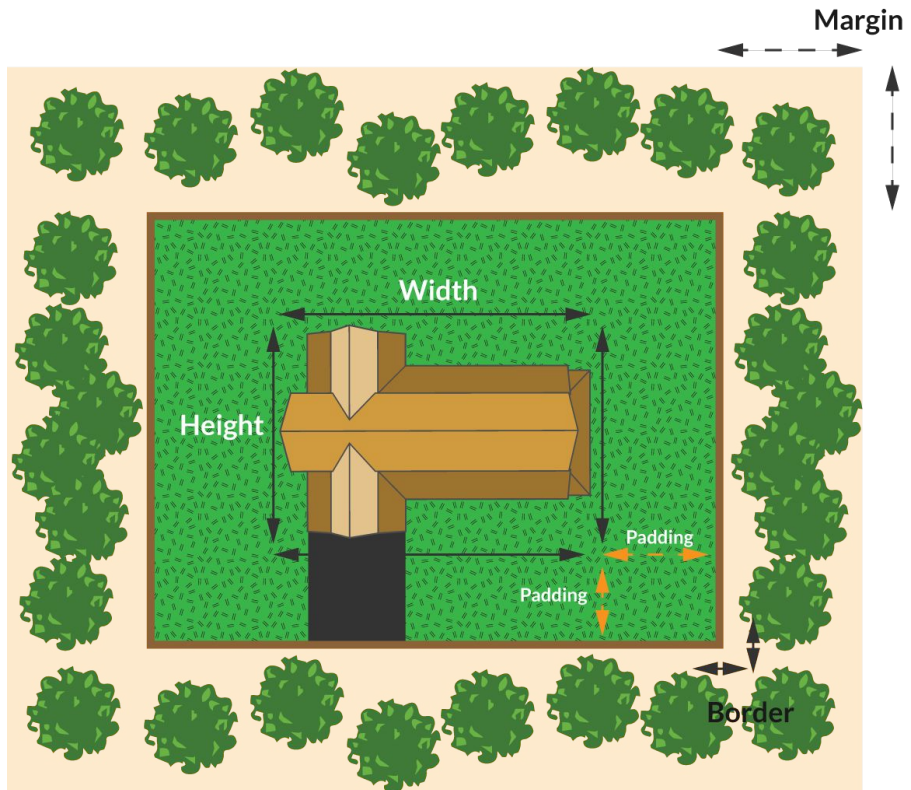
Display, float & position

Format

Homework

UI Boot Camp: CSS - Layout

Box Model



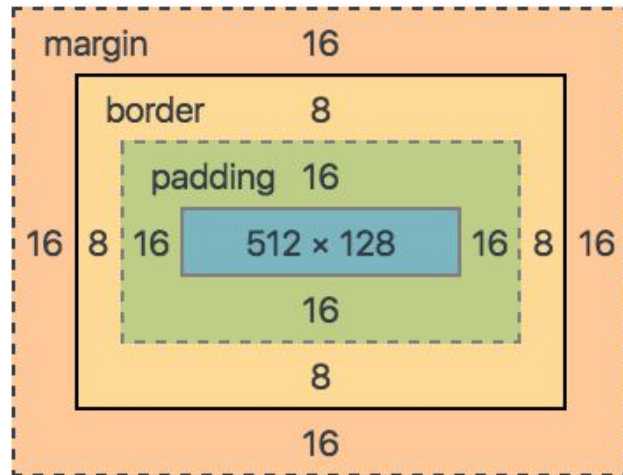
UI Boot Camp: CSS - Layout

Box Model

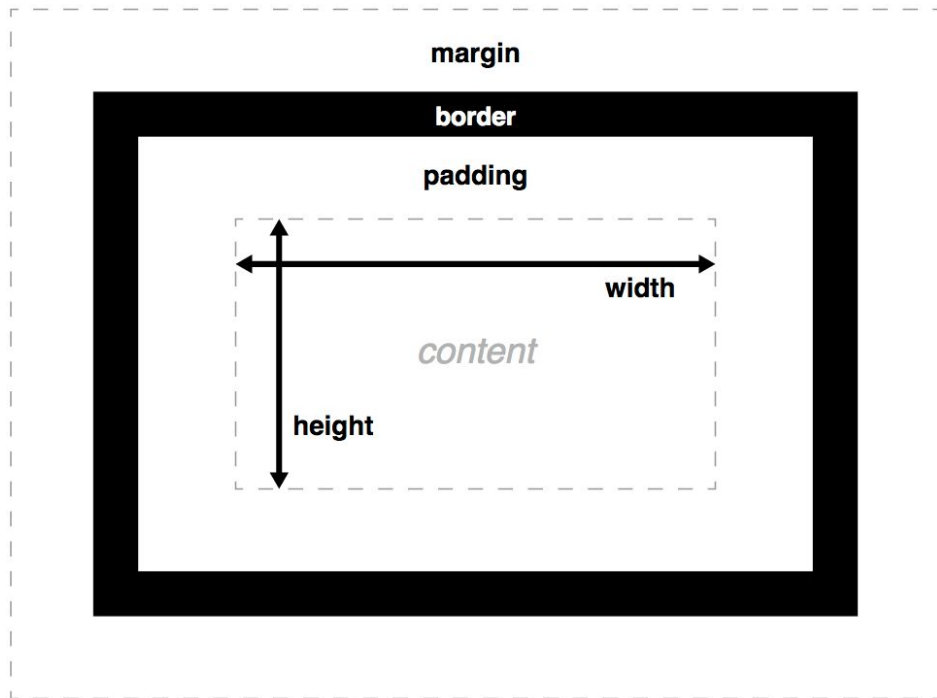
If I have an element with width of 512px and a height of 128px, what will it be its total width?

Content width + padding-left + padding-right +
border-left + border-right + margin-left +
margin-right

$$512 + 16 + 16 + 8 + 8 + 16 + 16 = \mathbf{592}$$



UI Boot Camp: CSS - Layout



box-sizing:

- content-box (default)
- padding-box
- border-box

UI Boot Camp: CSS - Layout

Display, float & position

display:

inline

Pellentesque *inline element* morbi tristique senectus
Donec eu libero sit amet quam egestas semper. Aenean ultricies mi vitae est. Mauris placerat eleifend leo.

block

Pellentesque habitant morbi tristique senectus et netus et malesuada fames ac turpis egestas. Vestibulum tortor quam, feugiat vitae, ultricies eget, tempor sit amet, ante. Donec eu libero sit amet quam egestas semper. Aenean ultricies mi vitae est. Mauris placerat eleifend leo.

hi

Pellentesque habitant morbi tristique senectus et netus et malesuada fames ac turpis egestas. Vestibulum tortor quam, feugiat vitae, ultricies eget, tempor sit amet, ante. Donec eu libero sit amet quam egestas semper. Aenean ultricies mi vitae est. Mauris placerat eleifend leo.

inline-block

Pellentesque

*inline
block*

*inline
block*

*inline
block*

morbi tristique

senectus et netus et malesuada fames ac turpis egestas. Vestibulum tortor quam, feugiat vitae, ultricies eget, tempor sit amet, ante. Donec eu libero sit amet quam egestas semper. Aenean ultricies mi vitae est. Mauris placerat eleifend leo.

UI Boot Camp: CSS - Layout

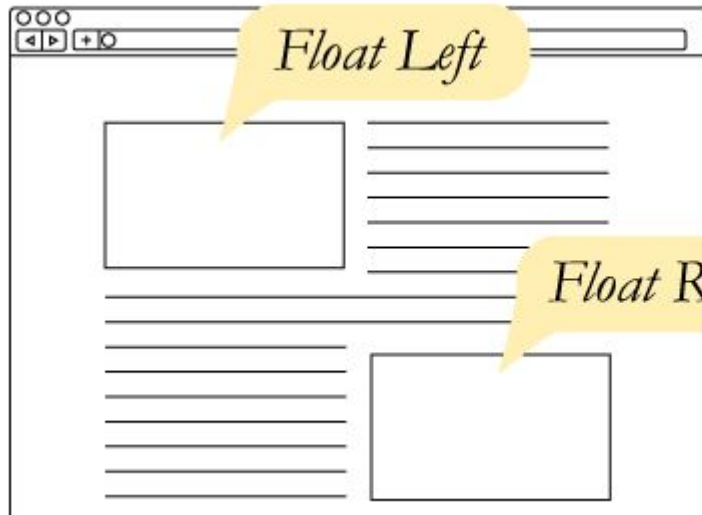
Display, float & position

float:

- left
- right
- none (default)

clear:

- left
- right
- both
- none (default)



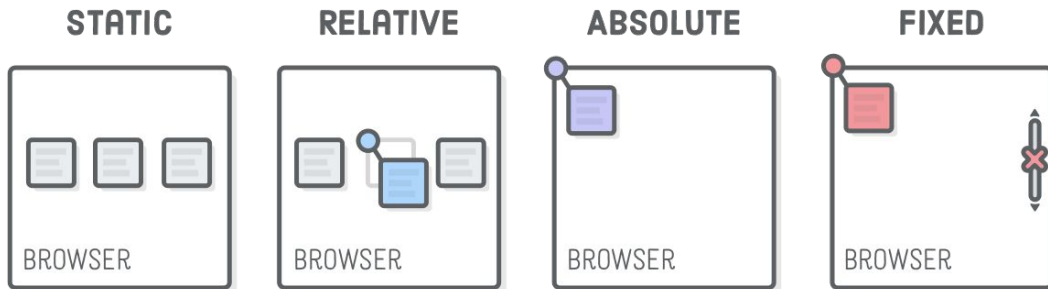
Web Layout

UI Boot Camp: CSS - Layout

Display, float & position

position:

- static
- relative
- absolute
- fixed



UI Boot Camp: CSS - Layout

Format

background

background-image
background-position
background-size
background-repeat
background-attachment
background-origin
background-clip
background-color

UI Boot Camp: CSS - Layout

Format

font

{
font-family
line-height
font-weight
font-stretch
font-variant
font-size
}

UI Boot Camp: CSS - Layout

Format

text

color
direction
letter-spacing
text-align
text-decoration
text-indent
text-shadow
text-transform
text-overflow
vertical-align
white-space
word-spacing

UI Boot Camp: CSS

Homework: Magazine Cover

