

A background image of Mount Fuji, a snow-capped mountain, partially obscured by a gradient overlay. The gradient transitions from a light pinkish-purple at the top to a darker blue-purple at the bottom. The text is overlaid in a large, white, bold, sans-serif font.

**GITHUB  
PAGES: LET'S  
GET IT RIGHT.**

# Github Pages

When submitting your work it must be hosted and visible via Github Pages.



**RESTAURANT  
TIME!**

# Homework Presentations

Let's see what you made

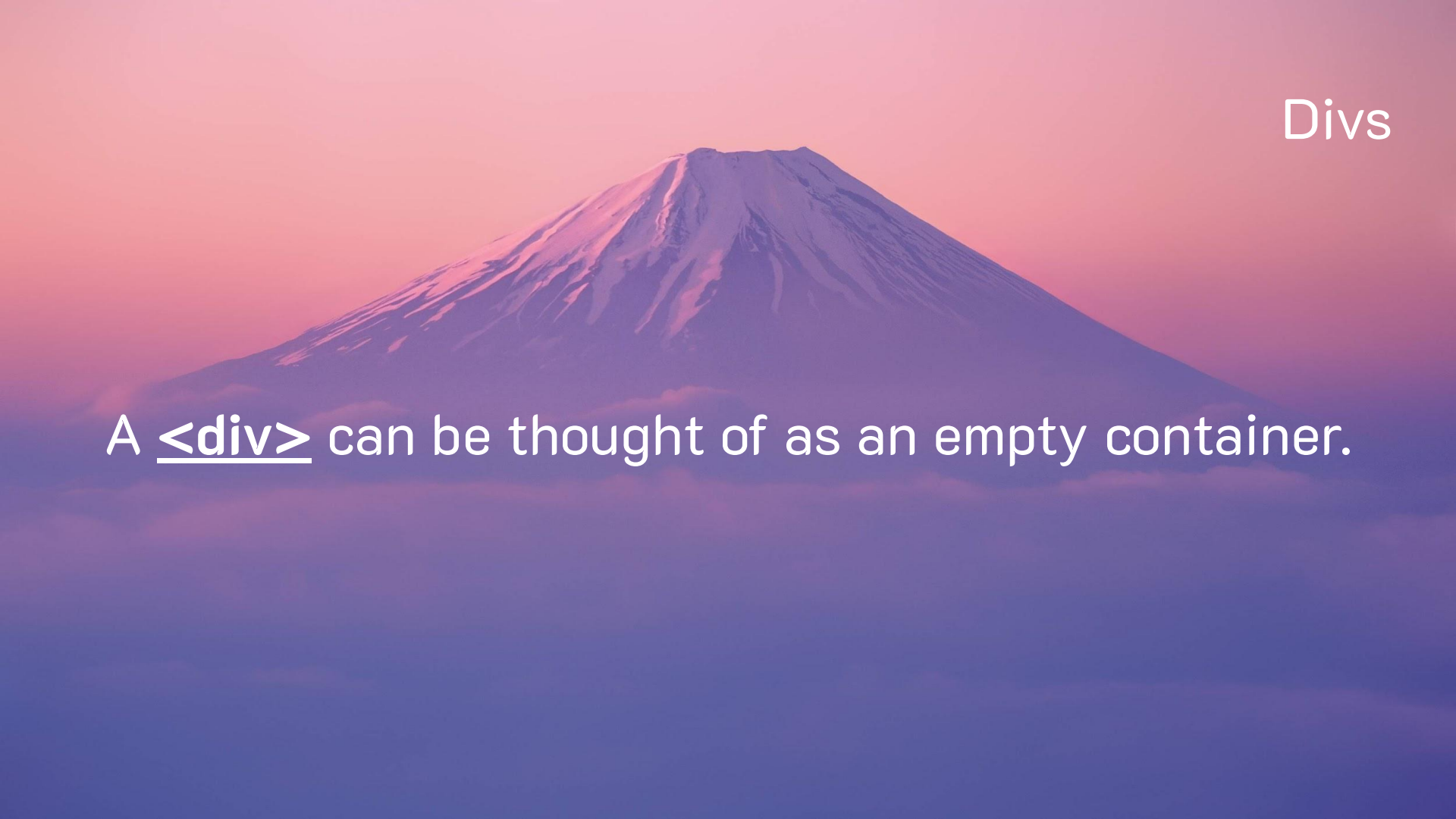


**LESSON  
TIME!**

A background image of Mount Fuji, a snow-capped mountain, partially obscured by a gradient overlay. The gradient transitions from a light pinkish-purple at the top to a deep blue at the bottom. The text 'LAYOUT FUN-DAMENTALS' is overlaid in a large, white, sans-serif font, centered horizontally and split across two lines.

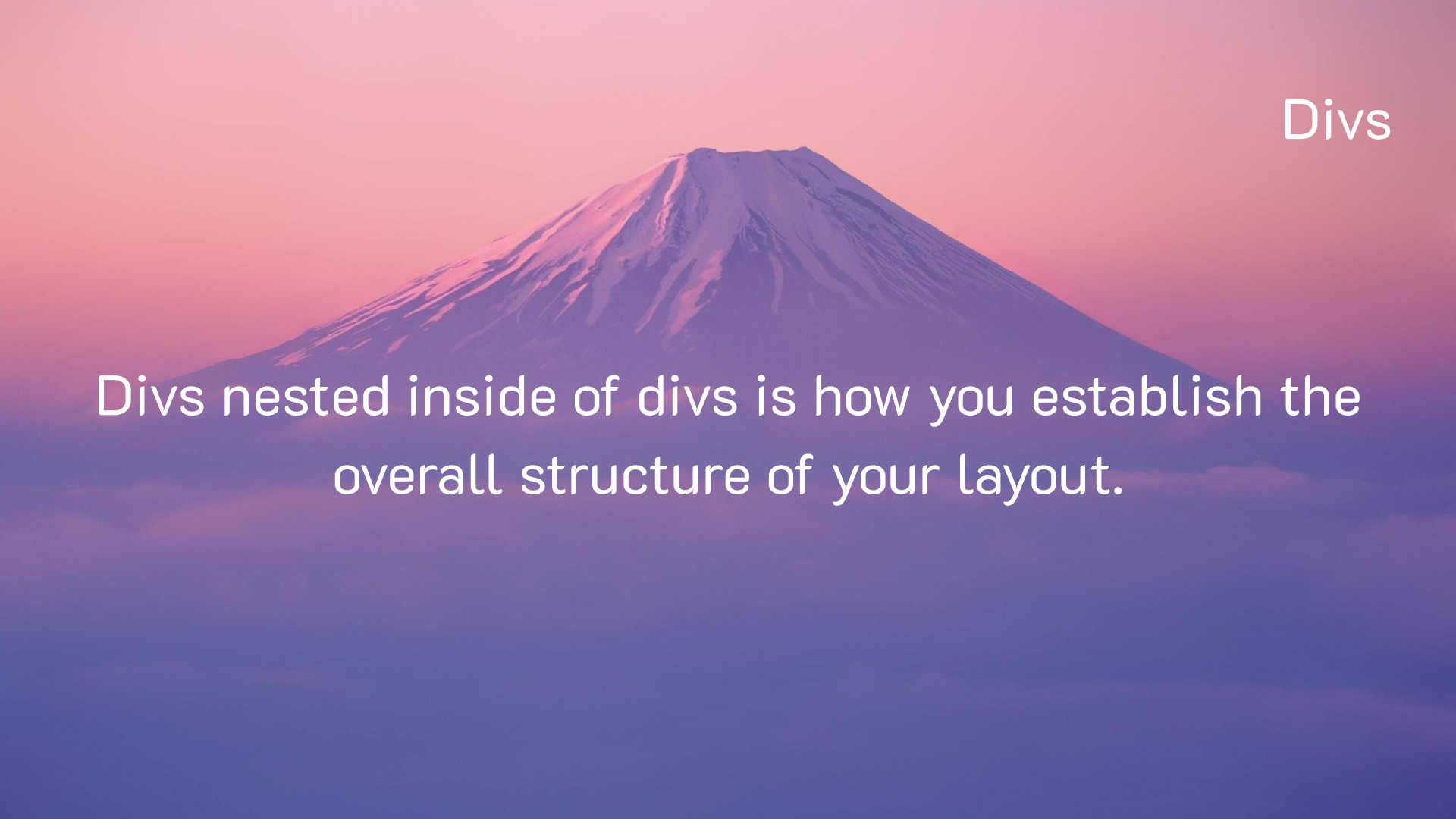
# LAYOUT FUN- DAMENTALS






A <div> can be thought of as an empty container.

Divs



Divs nested inside of divs is how you establish the overall structure of your layout.





Creating the layout of your page, using divs, without any content, can be referred to as “greyboxing” or “blocking out” your layout.



# KEY CSS PROPERTIES

# CSS for Layout

There are a few key CSS properties for establishing layout, positioning, etc...

# CSS For layout

display

Set the display mode for an element

box-sizing

Set how sizing is calculated

width / height

Set the dimensions of the element

position

Set the positioning mode for an element

margin

Set the margin (spacing *outside*) an element

padding

Set the padding (spacing *inside*) an element

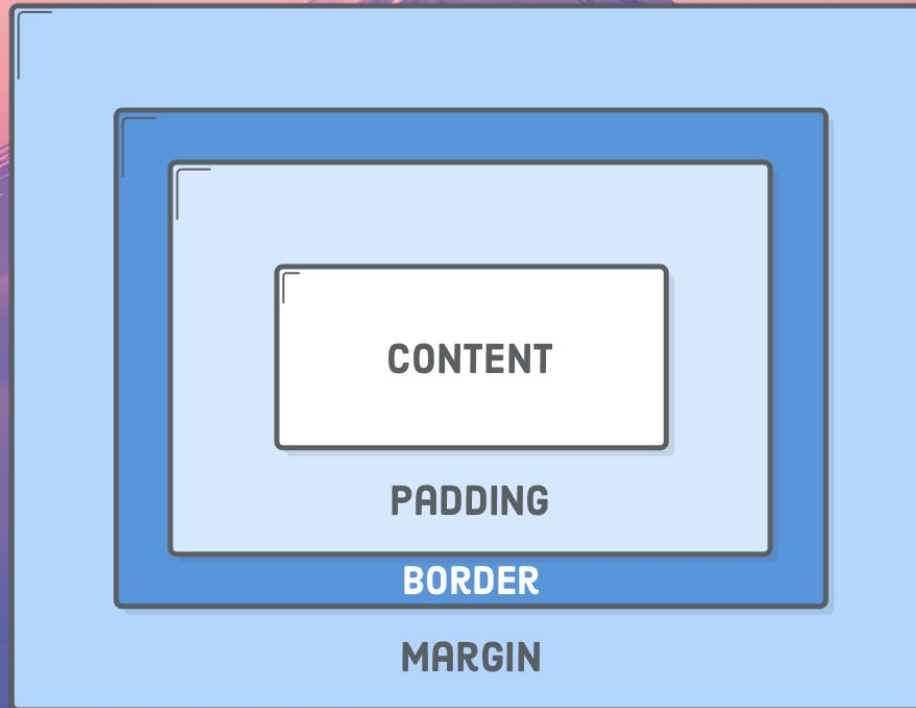
top / bottom /  
left / right

Position an element relative to that location, based on what position mode has been set.

## CSS - The Box Model

The “box model” is the structure of content, padding, and margin that make up the total size of an element.

# CSS - The Box Model





## CSS - box-sizing

The box-sizing property lets you change the way the dimensions of your element are calculated.

The default value is 'content-box', but the alternate 'border-box' includes the border size and can make more sense for certain cases.

( <https://developer.mozilla.org/en-US/docs/Web/CSS/box-sizing> )

## CSS - display

There are many display options each with their own flow behaviors. For now, we will be looking at block, inline, and inline-block...

([https://www.w3schools.com/cssref/pr\\_class\\_display.asp](https://www.w3schools.com/cssref/pr_class_display.asp))

## CSS – position

There are many position options,  
each behaving differently.

( [https://www.w3schools.com/cssref/pr\\_class\\_position.asp](https://www.w3schools.com/cssref/pr_class_position.asp) )

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# CSS For layout

static

Default. 'left' etc... are relative to the element's natural position

absolute

Positioned relative to the *parent* element

fixed

The element is fixed to a location in the browser window

relative

Similar to static



# C.R.A.P.: DESIGN + UX BASICS



# CSS For layout

## Contrast

Establishing visual contrast between elements of different type

## Repetition

Creating consistency and rhythm with elements and style

## Alignment

Establishing a reading-flow of your content through aligning

## Proximity

Positioning elements near one another that should be thought of together, or relation to one another.



**HOMEWORK**

A background image of Mount Fuji, a snow-capped mountain, centered in the frame. The sky is a gradient of soft pink and purple hues, suggesting a sunrise or sunset. The mountain's peak is slightly off-center to the left.

## Homework – Blocking out

Using paper or design software “block out” a layout for a small three-page website. Think about **C.R.A.P.** as you come up with your design.

Next homework, you will be turning this into a small website about an issue or cause you care about.

A photograph of Mount Fuji, a snow-capped volcano, centered in the frame. The sky is a gradient of soft pink and purple, suggesting a sunset or sunrise. The lower portion of the image is filled with a thick layer of white clouds. Overlaid on the center of the image is the word "BYE!" in a large, white, bold, sans-serif font.

**BYE!**