

# I399 Web Design

## Lab 12

## EXPLORING BOOTSTRAP4

**Finish building a Bootstrap  
page from spec**

**<https://v4-alpha.getbootstrap.com/>**

Any remaining time you have left today in lab,  
continue to work on Project 5 or consult with AIs.



# So I thought about it...

“It’s really coming together.. ”

“But do you think you could make the ***button fancier?***”

“Oh, and maybe ***add some photos*** of the pets we take care of?”

# Hover.css

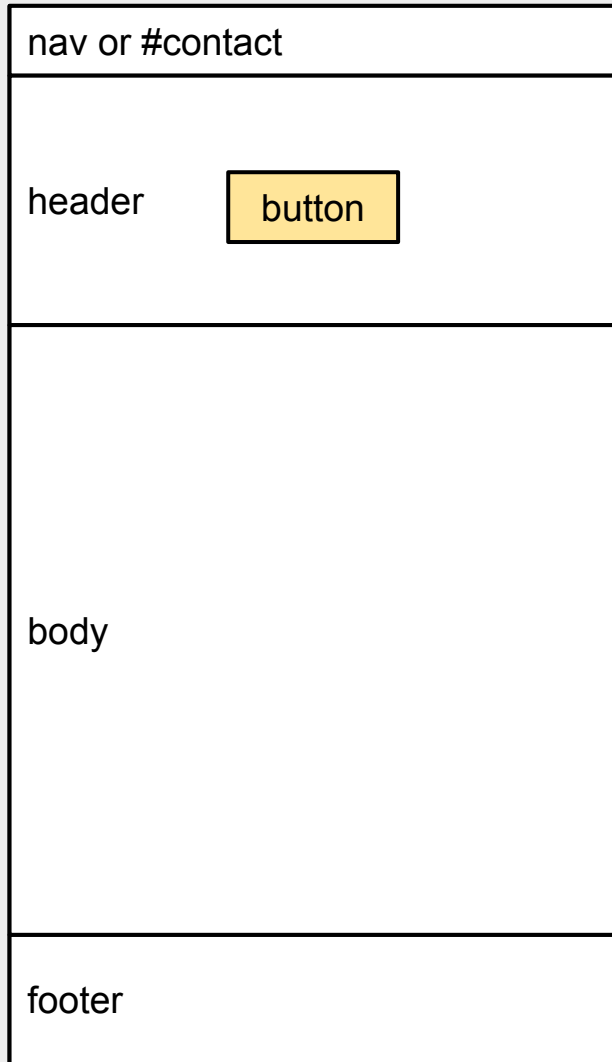
A CSS Plugin

“Maybe make the button a little fancier?”

<http://ianlunn.co.uk/articles/hover-css-tutorial-introduction/>

Choose a “fancy” button animation effect:

1. Read the tutorial, then download **hover.css** and include it in your **css folder**.
2. Decide which hover style you’d like to give your button and style according to the directions.
3. Use Font Awesome as needed.  
`<script src="https://use.fontawesome.com/a686b3c76b.js"></script>`



# Backstretch.js

A JQuery Plugin

<http://srobbin.com/jquery-plugins/backstretch/>

Read the tutorial, then download **backstretch.js** and include it in your **js folder**.

1. Replace your **header background image** with a backstretch image.. Save your old code. You may like the way it was better. You may also use Backstretch on any other structural element (html, body, main, footer, etc..). Just use it at least once within your site.

**UPDATE - don't worry if you didn't get this to work. Has to do with a jQuery conflict.. Just use the code snippet for perfect full-width backgrounds.**

nav or #contact

header

body

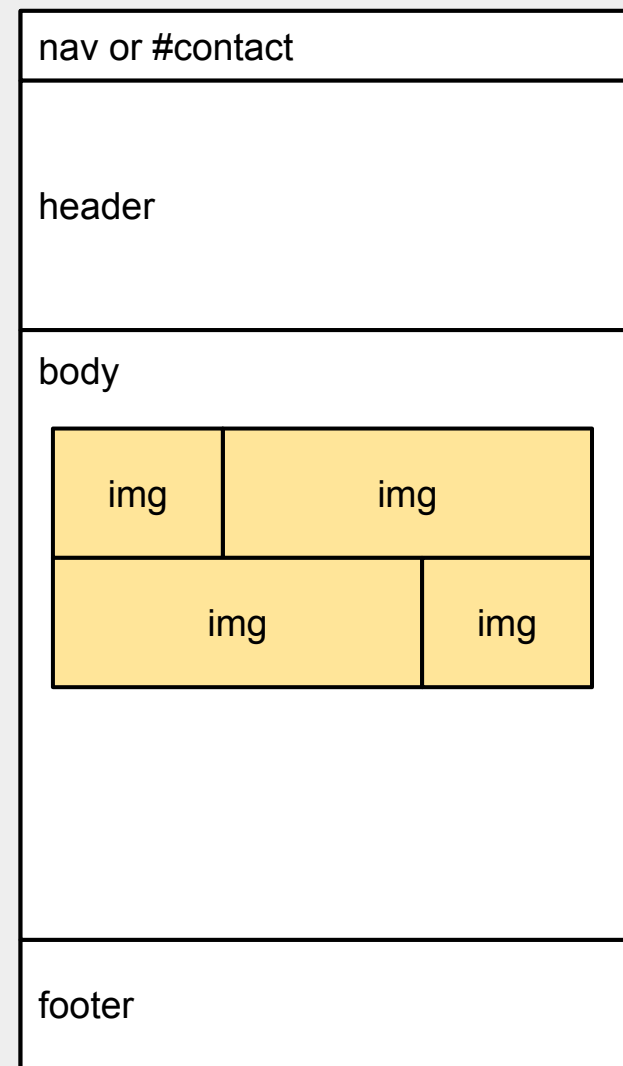
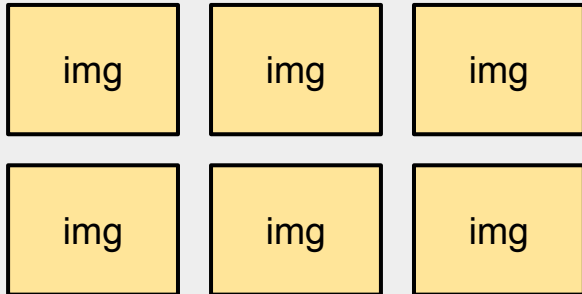
footer

# Bootstrap Grid

“When you add the photos of the kinds of pets we take care of, can you put them in a grid?”

Thanks, that would look *amazing*.”

Now create a grid using Bootstrap that looks like this →  
(Feel free to vary.. It can just be a standard grid as well.)



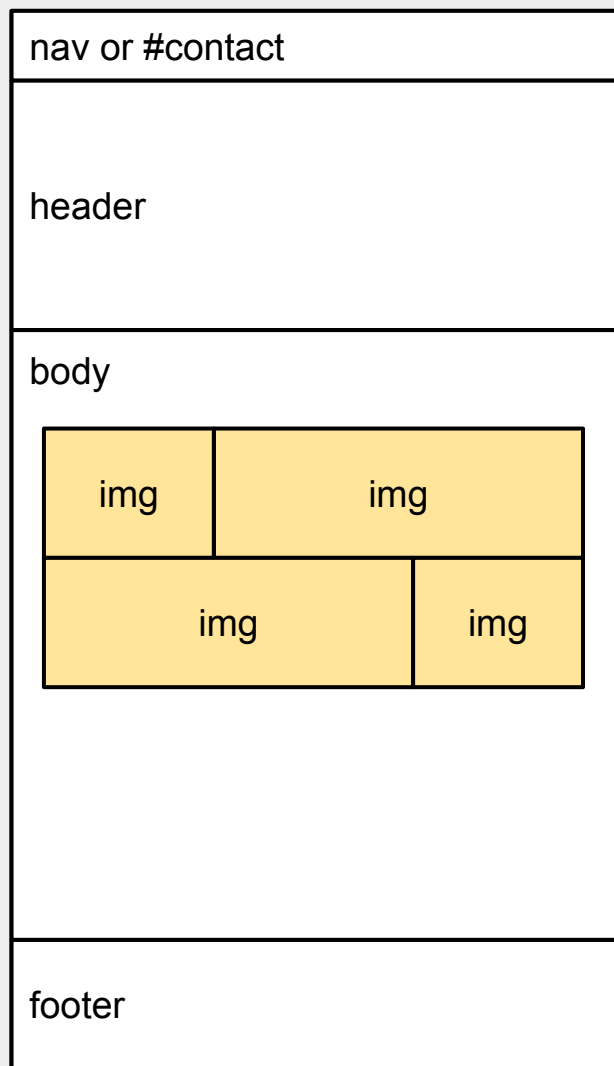
# Bootstrap Grid

“When you add the photos of the kinds of pets we take care of, can you put them in a grid?”

Thanks, that would look *amazing*.”

*Once your grid is created:*

- Add a lightbox effect (gallery version) using **blueimp-gallery plugin**: <https://blueimp.github.io/Gallery/>
- OR, the one we used in class that was easier for Bootstrap
- Add a rollover effect (hint, take a look at what I did in the Plugins Day 1 demo with opacity).





# Thanks!

Make sure you take a look at the directions for Project 5 -- a finished version of this lab.

Goals for Project 5:

- Demonstrate your understanding of the Bootstrap4 Framework
- Show that you can add in interactive components and plugins to an existing project



## Finished?

Take a screenshot of your work today and upload to Canvas.

Project 5 due Monday at midnight.