This walkthrough will instruct you on how to set-up your programming environment, and make the requested changes to your app.

**DISCLAIMER: This walkthrough requires that you navigate your computer through its** [**terminal**](https://en.wikipedia.org/wiki/Terminal_%28OS_X%29) **(unix shell,) edit code in an** [**IDE**](https://en.wikipedia.org/wiki/Integrated_development_environment)**, and deploy that new code to** [**Heroku**](https://www.heroku.com/)**--the online environment where your** [**MEAN**](https://en.wikipedia.org/wiki/MEAN_(software_bundle)) **application lives. Every time you want to make a change to your app, you will have to do all of these things.**

**Setting up your programming environment.**

[Install Node.js](https://nodejs.org/en/download/) (AKA “node” AKA “npm”)

[Install Homebrew](http://brew.sh/) (AKA “brew”)

[Install Sublime](https://www.sublimetext.com/download) <- This is where you will edit code. Think of it like Microsoft Word for code.

[Sign-up and follow installation instructions for Heroku](https://www.heroku.com/)

[other necessary installations will be handled by node or homebrew; both of these things are software that helps you install software properly--crazy right?]

**Open your computer’s terminal.**

Download the project

cd into your project directory (this is a unix command)

Type “npm install” to install necessary software to run the project

Type “brew install” to install necessary software to run the project

**Open the project in Sublime by dragging the project folder into an empty sublime window**

**To make changes to the names of the axis:**

Open the index.html file located in the folder “public” and make the necessary changes starting on line 35

**To add photos / remove photos:**

-Add or remove photos in the images folder located in public/images

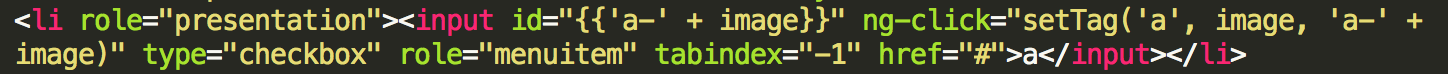
-Go to the file PhotoCtrl.js located in public/js/controllers and make necessary removals or additions to that list of filenames

**To change the drop down menu**

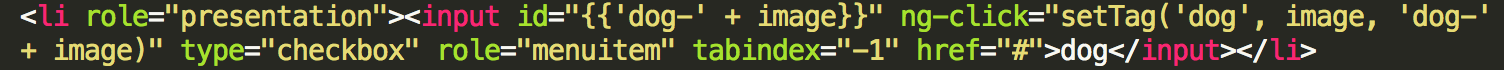
-You will be making changes in the index.html and PhotoCtrl.js file

**Index.html:**

On line 54 you should see this:



This is the dropdown option that says “a” in the demo. If you’d like to change it to, for example, “dog”, you’d do this:



If you need to add more options--that’s easy!--just copy and paste the above code snippet and make the necessary additions. This code snippet is simply one item (“option” for the dropdown) in a list...So you can have however many list items you’d like

**THEN YOU MUST GO TO…**

**PhotoCtrl.js** line:24 and make the necessary changes to the list names

Save your changes and deploy your app to Heroku!

That’s it :)