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#Introduction

- In this assessment I was asked to use elements of jQuery to help me *jazz up* my website. With the use of widgets and effects my website is now easier to understand and condensed.

#Requirements/Restrictions

* Requirement 1: this required me to modify my menu in a way that incorporates a jQuery widget menu and/or tab.
  + I decided to use a jQuery menu that is can be hovered over.
  + With this I made my projects tabs connect to this and when clicked it directly goes to the page for that specific lab.
  + I made the decision to attach in order to show a shortcut of my labs progress fast
  + For this it was a simple adding of function and calling the class or id and applying the script tag
* Requirement 2:
  + When making the modal window popup I encountered a few errors
  + The popup would take up the whole page and when exited out it did not open back up on the link click.
  + A way around this error was creating 8 separate files of new pages with each modal window and linking them all to each other.
  + I wanted to keep the element of when clicking on the folder image the zip file would still download therefore I added the modal link to the tag names under each folder.
  + This kept my website in unison while still adding my new elements
* Requirements 3:
  + The third requirement was to create an additional interaction on my projects page.
  + My projects page already being cluttered, I decided to make tabs to condense the information
  + This way as I add more projects they can be easily navigated and if desired I can add more files to each section.
  + With this I also made the tabs expandable to the user in the bottom right corner for more information to be viewed in one screen.
  + This required the use of both widgets and the interaction for resizable.
  + After I realized to make both the id and class on the same div element it became fairly easy to match up the resize with the tabs.
* Requirement 4:
  + This requirement came in two separate parts. For the widget I added in my site a function called tooltip as a way to cover over opjects, one being the picture on the index page, and have a little pop up of text appear.
  + I found this especially useful for my picture which is a little outdated.
  + It adds a seamless way of explaining my website humorously without the text taking up the whole page or making a break in my spacing.
* Requirement 5:
  + Going with requirement four I made another widget for progress bar at the bottom of each page
  + This is a progress bar for how long until we have summer vacation
  + I looked up the start date and end date of the semester and just did simple math
  + I added this into the function progress bar so it filled to the correct amount.
  + This was a way to make my website a little more fun and creative.

#Issues

* The main issues that appeared in this quiz was finding the correct syntax for each function in both the html and the JavaScript. The jQuery was pretty simple since it was formatted mostly the same and required only a few touch ups. However, reformatting my html and CSS became the biggest issue so that it could fit into the jQuery function properly.

#Credits

* “Where Developers Learn, Share, &amp; Build Careers.” Stack Overflow, stackoverflow.com/.
* “Html.” W3Schools Online Web Tutorials, [www.w3schools.com/](http://www.w3schools.com/).
* <https://jqueryui.com/>

#Link to Website \*github id, github repo name, Discord handle

- https://afsws.rpi.edu/AFS/home/85/prabha3/public\_html/iit/

- https://anitaprabhakar16.github.io/Anita\_iit/index.html