

## Exercise 3: Serving Up HTML

Due: Friday April 16<sup>th</sup> @ 11:59pm

This exercise will serve as a check in. Here I would like you to create a server similar to what we did in class **using the http module in node**. When you create the server, use a function to handle the request and response as we demonstrated in class. ***Please write everything in the implementation folder, in the file called server.js.***

Your server should serve up the following items when the following urls are entered:

- localhost:3000/
  - Should display a welcome page with:
    - The name of your restaurant
    - Instructions on how to request all other pages and query.
- localhost:3000/menu
  - Display an HTML page called menu.html (that you made) which includes:
    - A title (Says Menu at the top)
    - Should have 3 lists with at least 3 items.
    - One list should be for entrees, one for desserts and one for drinks!
- localhost:3000/contact
  - Display an HTML page called contactMe.html which should have a full form with labels that has inputs for:
    - Name (Please verify that it does not include numbers)
    - Email (make sure it is valid, must have an '@' and a '.')
    - A dropdown with 4 options:
      - Careers
      - Inquiry
      - Catering
      - Complaint
    - A text box for a description (A text box, no need to check its contents)
  - When the user clicks submit it should display an alert detailing the error in the form (i.e. "Not a valid email!") or just display "Submitted!" if it is all ok!
  - None of the data entered needs to go anywhere
- localhost:3000/?username=testudo&password=FearlessIdeas&id=8923
  - If the username, password **and** id match the above url, it should display "Welcome Testudo!"
  - Any other query with other characters should display "404 Not Found!"
  - You may serve an HTML page or just write to the page.

Any HTML files you write must have no CSS or images! If you use JS, please use the `<script>` tag in HTML.