

Homework 3: HTML and CSS Exercise

1.Objectives

- Become familiar with HTML and CSS technologies
- Learn how to imitate a static web page

2.Description

You should be able to compose documents directly in HTML and CSS. This is very helpful as it is often necessary to modify existing documents to build an engaging UI. Also, when writing server-side scripts one must generate HTML.

- In this assignment, you are given three (3) screenshots of a page and a video of one (1) web page (HW3_home.html) Your task is to reproduce the page as closely as possible, writing HTML and CSS directly, that is, **without using anything more than a text editor**. The screen shots of the page and a video of the web page to be imitated, to be scrolled vertically, can be found at following links:

[Top of Page](#)

[Middle of Page](#)

[Bottom of Page](#)

<https://youtu.be/LJ4EzNro430>

- **Important Note:** use of CSS is required
- You will need five (5) images to help you complete the web pages: [Restaurant.jpg](#), [Italian Cuisine.jpg](#), [Indian Cuisine.jpg](#), [Japanese Cuisine.jpg](#), [Desserts.jpg](#).
- All the menu items are clickable. Instructions on each click of the menu item are as follows:
 - Clicking on “Home” redirects to the same page (HW3_home.html)

- Clicking on the next four menu items, namely: Italian, Indian, Japanese, Desserts should direct to the corresponding section on HW3_home.html. For example, clicking on the menu item “Italian” should navigate to the section containing Italian Cuisine image and description on the **same page**.
 - Clicking on the last two menu items: About and Contact should direct to a **new HTML page** (welcome.html). You can create the new HTML page containing a simple text: “Welcome” and direct users to the **same new page** on clicking each of “About” and “Contact” menu items.
- You should not use any other images.
 - “Book Your Reservation” button should not be clickable.
 - Please note that if you view the images of the sample web page in a browser, some browsers will automatically resize the image to fit within the browser window.
 - To test your hw#3, please view your web page using Firefox. Resize your browser window to the same size as the Home Page PNG image and then see if you have used the correct font, color and size, and if the position of text is correct. As long as the various items on the pages are “proportionally” correct, you will get full points.
 - When grading, the graders will resize the browser so it shows your top picture in full, plus the extra white space as it is in the video and snapshots. Then they will scroll vertically to see if the rest of the site follows the same "proportions". Lastly they will check if the site is "static" vs. "responsive", by lowering the horizontal size.
 - Your site should NOT be responsive, none of the elements should change in size. The site should "crop" starting from the right, and no items should move with respect to each other.
 - In general, do not use percentage or media queries in CSS, and your website will not be responsive. **Responsive behavior will cause penalties.**

3. Submission

Create a folder which contains all relevant html files. Make sure to give a **randomized name** to this **folder**. This name should NOT be easily guessable, similar to HW1. This will ensure that your code is not accessible to other students once you push it to GitHub.

You must link **the homework file (HW3_home.html)** to your class **homework page** (<username.github.io>) so that the graders can go to your website and grade your homework.

Please note that the class homework page will point to your homework HTML page and NOT the homework folder.