

# Assignment # 04: HTML / CSS / JavaScript

**Deadline: 2<sup>nd</sup> Nov, 2020**

**Note:** Submissions other than slate are strictly prohibited. Only upload one (compressed/zip) file of your website pages on slate.

## Overview

1. In this assignment, you will be creating a **Restaurant** website using proper HTML, CSS and JavaScript that consists of minimum of **Five** pages to make it a complete website. (Reminder: Usually the first page of a website should be saved as index.html and serves as an entry page to your site.
2. Make certain your site is well organized and easy to navigate; and that it is artistically pleasing.
3. Be sure to test your pages in more than one browser: Explorer / Firefox, Safari, and / or Chrome.
4. You will be marked on both your content and design, and will lose marks for broken links, html errors, differences in browser experiences and spelling and grammar errors.

Your website must look like this. You can follow it.

<http://www.chief.com.pk/index.html>

## Technical Criteria

1. On each page you should include a graphic title and logo. A suggestion would be to create the title or logo you wish to use in Photoshop or use on an online tool such as "www.flamingtext.com".
2. If you are having problems with layout using CSS, you may utilize tables using column and row spanning to create navigation bar.
3. Each of your HTML pages should also include an embedded style sheet (within the head section of the document, by use of Style tags for adding CSS code and Script tags for adding JavaScript code.
4. At the minimum, your style tags should specify:
  - font family and font size for body, paragraph and heading text.
  - attributes for various link states including link, visited, focus, hover, and active.
  - either a background image or background color for your pages
5. There should be titles for each page (in the head of your HTML documents)
6. There should be paragraph and heading text on each page, as well as images. (<p> and heading <h1>, <h2>, <h3> . . <h6>, <br> <img .... >
7. There should be hyperlinks on each of the pages that provide navigation capabilities for your site. Each page to link to every other page. Use relative hyperlinks that go back to your index.html file and to the other pages in the site.
8. In addition, there should be at least one link to an external website.
9. **Add contact form elements in contact page with validation rules using JavaScript. (Important)**
10. You should include at least one images gallery containing more than 12 images in grid form.

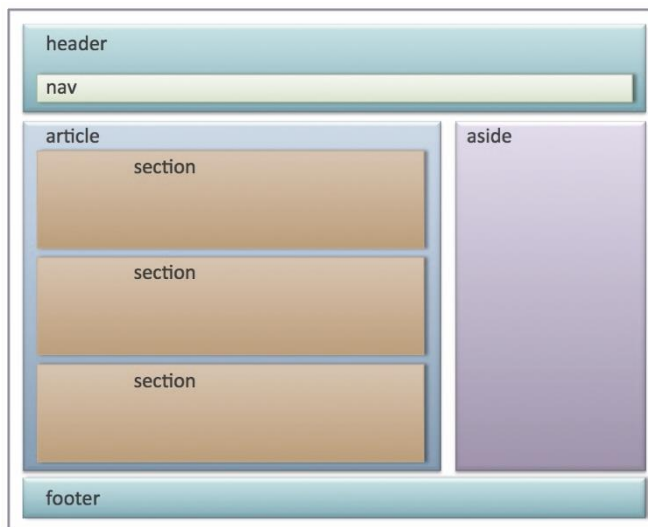
11. You should include at least one numbered list or one bulleted list somewhere on at least one of your pages.
12. You should include at least one table somewhere on one or more of the pages. In addition, the table should be properly formatted using CSS.
13. Beyond these requirements, feel free to include additional CSS to design your pages as you like!

## Bonus Points

1. Add at least one of these components (google form, google search, google map, chatroom, etc)

## Resources: To Help You Learn HTML/CSS/JavaScript

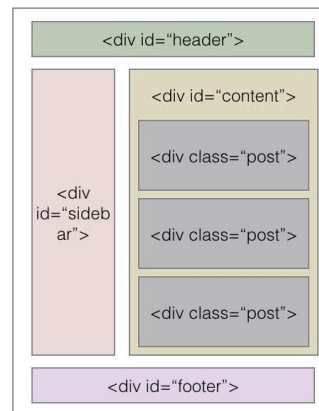
1. YouTube Tutorials
2. <https://www.w3schools.com/html/>
3. <https://developers.google.com/maps/tutorials/fundamentals/adding-a-google-map>



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### HTML4 vs HTML5 Page Structure on a Blog

#### HTML4: Lots of Classes/IDs



#### HTML5: Semantic Tags/Sections

