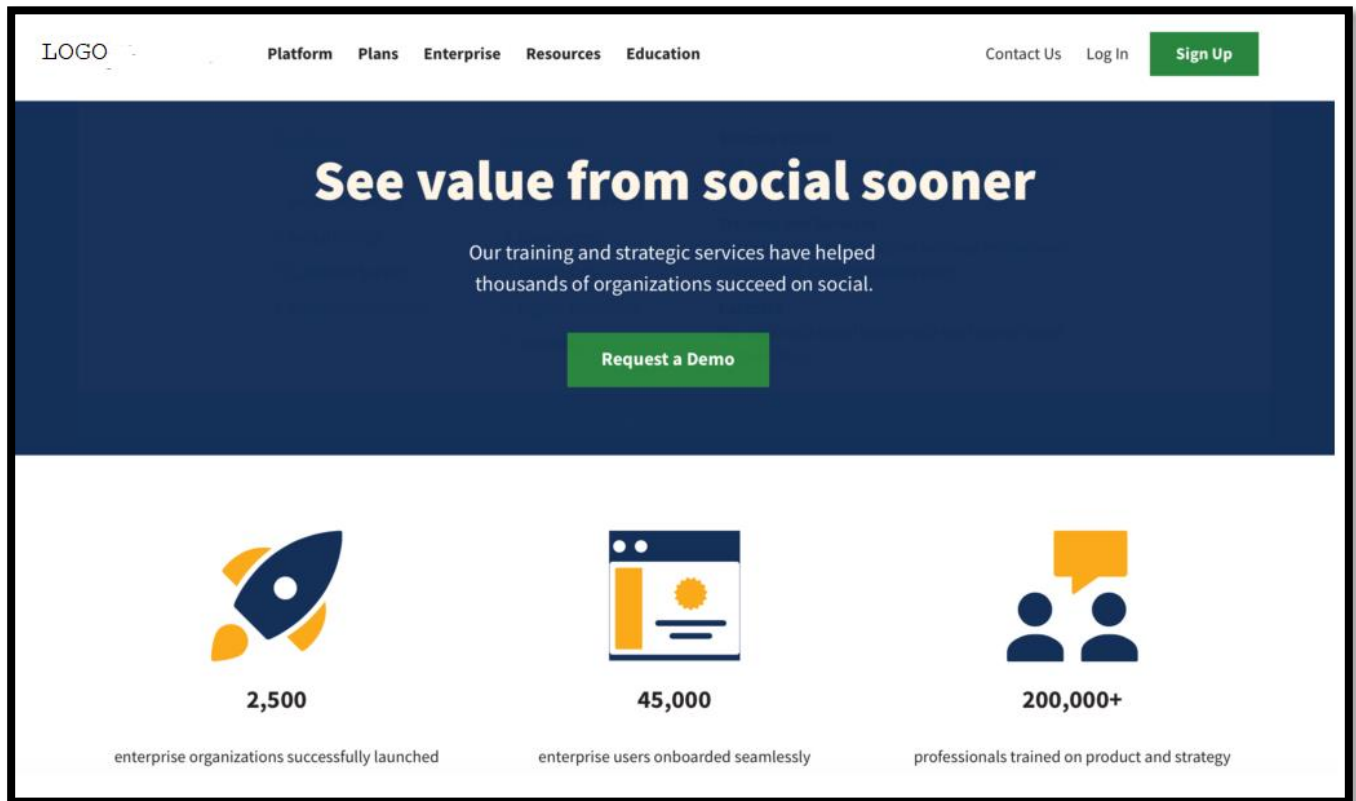


Principles of Web Development

Mini Assignment 3

Due: Sept 26, 2023, at 11:55 PM on myCourses

Using HTML, CSS and JS construct the following web page, and style as closely as possible:



Create only this single web page. Call it `mini3.html`.

Do not do the following:

- You are **not permitted to use HTML <table> tags**
- You are not permitted to use **CSS Grid**
- You are not permitted to use Java Applets
- You are not permitted to use Flash
- You are not permitted to make this page **dynamic**
- You are **not permitted to make the page responsive** (but you can use %)
 - The TA will grade your work by expanding the browser to full screen
- You are not permitted to use additional libraries (e.g. Flex, Vue, etc.)
- You are not permitted to use templates

You are permitted to use:

- You can use Basic HTML (but not <table><tr><td><th>)
- You can use HTML5

- You can use HTML style attribute
- You can use CSS (but not CSS Grid)
- You can use JavaScript

This assignment asks you to do the following:

1. Build a webpage using all of HTML, CSS, and JavaScript, except you **cannot use the HTML table tags**. Select the size of the page and **fix it to that size**. Then include a `README.TXT` file stating the browser you used and the fixed size of the webpage.
2. Try to make the page match as closely as possible to the provided image (as rules in mini-2).
3. Add a LOGO, which consists of two things: a small picture and the name of a made-up company. Here is a link to a website that makes free logos: <https://logo.com/>.
4. The top row are links to other pages. "Platform", "Plans", "Enterprise", "Resources", "Education", "Contact Us", and "Login" are all hyper links. Make this links jump to a random internet page with vaguely similar information as the link suggests.
5. "Sign Up" is a button. Change the button text to say, "Change Colour". This button **must call a JavaScript function** that changes all the tags displayed in shades of blue into another shade of your choice. This includes the three images. This button behaves as a toggle. Pressing the button again returns the page to its blue shades. To change the color of a picture requires you to create a new picture. If you do not have the editor to change the blue in the image to another color, then change the image to another one in the color of your choice.
6. The blue area is a single unit containing a green button. Link the button to a random webpage that provides a demo of something.
7. The bottom row of the page contains 3 images beside one another, including a number and text message below each image. These are three images and not one single image. They must be coded as three separate things. This means that there are 9 elements: 3 images, 3 numbers, and 3 text elements. **Note:** You do not need to use the three images in the example. I suggest you select your own images to customize your page the way you like.

Notes:

- Some of the text is "lorem ipsum". This is fake words to take up space. Many web developers use this to help them style their website before populating their final version with real information. You can use lorem ipsum as well. You can use this website: <https://www.lipsum.com/>, to generate lorem ipsum text.
- If there are parts of the webpage that you can read in English, then please use those words in your submission.
- Many links: underlined text, bold text, and menu. These must be functional links. They should point to random internet web pages but attempt to point to pages that are vaguely under the same theme.
- See the marking scheme for more details on how close your web page should be to the sample page.

- Make sure the above web page displays on your browser. This is a Local Webpage. Do not install the web page on the Internet. Using your browser's File Open menu command (or drag to window), you can load an HTML document stored on your disk into the browser to see your handy work.

FOR THE GLORY

The following GLORY challenge is for those of you brave souls who like doing extra work for no grades. BUT! you can brag to your friends about your programming skills!!

Add additional JS functionality: add a digital clock above the LOGO that updates every second. If the user clicks anywhere on the webpage, then call the change colour toggle function. Make the logo change size gradually when the user hovers over the logo.

WHAT TO HAND IN

- The `mini3.html` webpage. ZIP the file, since myCourses does not accept HTML as-is.
- `README.txt` stating which browser you used. Your solution only needs to work on a single browser, so please tell us which one you used.
- **Do not make the website responsive.**

HOW IT WILL BE GRADED

This mini assignment is worth 20 points and part marks can be awarded.

Deduction points:

- -3 for not following instructions
- Late penalty points
- Assignment will not be graded if the student used the `<table>` tags
- Assignment is only graded if CSS **and** JavaScript were used in the solution
- Assignment will not be graded if the student used a library or template

Awarding points:

- +5 Student's page looks like the example page provided
- +5 Use of division tags (HTML5 technique or HTML4 technique)
- +5 Proper use of CSS (color does not need to match, font only needs to be a near match, but the page must look similar to the example page)
- +5 JavaScript toggle colour function