

Lab 02: CSS

1 Introduction

If you go to www.netflix.com you will get a page similar to the one shown in Figure 1.

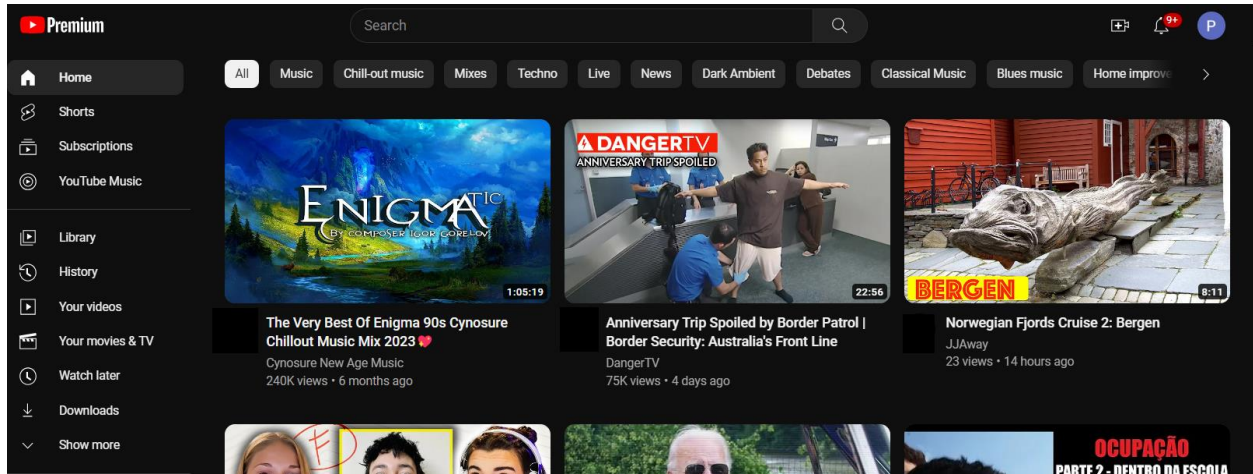


Figure 1: Netflix Home page

In this lab activity, you are asked to reproduce this page using HTML and CSS using the commands and procedures discussed in class.

2 Discussion on the page contents

2.1 Top area

The page has its top area, as highlighted in Figure 2. It consists of an image and the word Premium on the left side, a word search follow by a text input (about 200 pixels away from the Premium logo), and three icons/links on the right side.



Figure 2: Topmost navigation bar

The three images on the right are aligned to the right side, so that if the user expands the window, these three icons move to the right.

2.2 Vertical navigation bar

The vertical navigation bar is displayed on the left side of the page. Its contents are shown in Figure 3. Each item in this navigation bar has an icon and an associated text to it. Just put the 6 items shown here, not all the ones found in Figure 1.

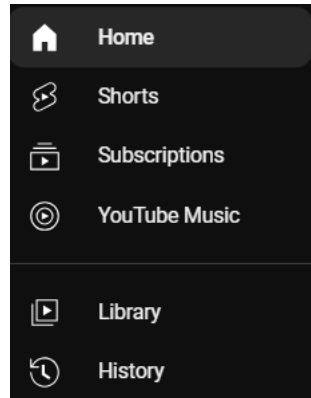


Figure 3: Vertical navigation bar

Each line in this navigation bar shall have a link to some fake page (with almost no content) just to prove the point that the links are working. This navigation bar can be implemented by creating an unordered list and each list item contains an image and text.

2.3 The Horizontal Navigation Bar

The horizontal navigation bar is highlighted in Figure 4. Each item is a text that looks like a button. The button-like effect is achieved by changing the text background color to a different color, such as light gray or white, and rounding the corners of that background. This navigation bar can be created as an unordered list, as we did in class.

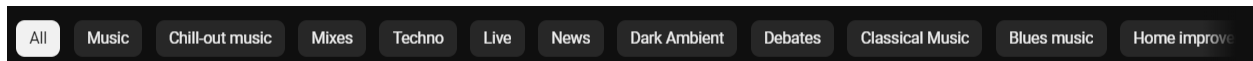


Figure 4: 3rd navigation bar

2.4 The movie poster

The movie poster is a combination of image, a movie title and some additional information, as shown in Figure 5. You can create the list of movies (posters) by using an unordered list, with each list items being a group of an image, an h3 (or h4) for the title, and a paragraph for the rest of the text. After you create one, it can be placed inside an unordered list.



Figure 5: The movie poster

2.5 Links everywhere are not needed

Strictly speaking, each element in this page should contain a link. For this lab, you do not need to go over this scrutiny of creating all those links. You can use `<a>` with the href set to empty.

3 General Information

- Your page does not need to display the contents exactly as shown in Figure 1, but the closer you get the more points you will receive.
- My computer is set to show windows with black background what helps me to see better due to my current eye situation. You can use white background instead.
- The items in the horizontal navigation bar look like buttons, but in reality, they are just text, with some background (such as gray color) and with rounded border (search in the internet how to make round borders, it is a very simple command)

4 General Notes

This page can be constructed using basically what we had done in the hands-on lectures so far. Avoid searching the internet for solutions. You have all you need from the lectures (hands-on exercises done so far).

Do one area at a time, such as the top area only. Then run it and see if it is displayed as expected. Work on it until you are completely satisfied and then move to the next area (the vertical navigation bar). Do not implement everything in HTML and CSS and then try to debug a complex code. Divide to conquer.

The horizontal navigation bar and the main area can be grouped into a div tag, that will be placed side by side of the vertical navigation bar. In this div, you will have the horizontal navigation bar on the top and the main area on the bottom.

Good luck

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