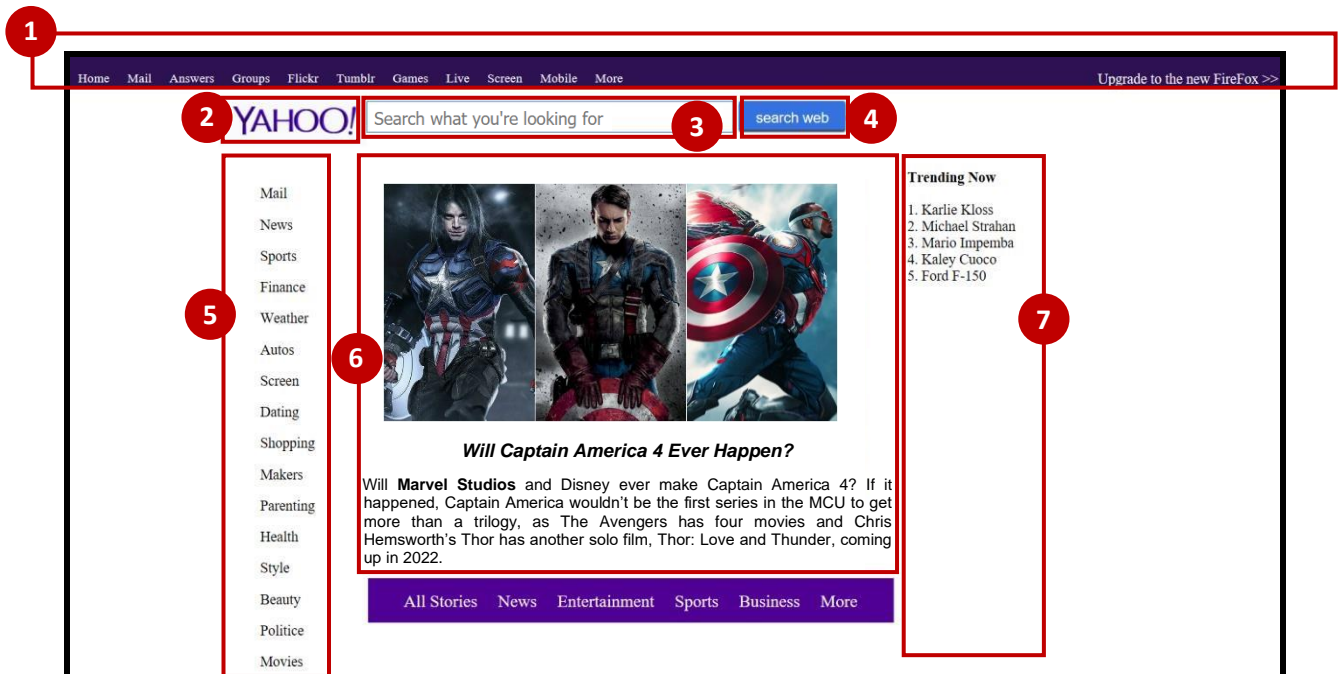


## Software Experiment 4

### Practice Week #8

### Building Website with HTML and CSS

**Problem #1 (35 pts)** You are provided with partial source code for this project. Since the source code is incomplete, you're required to add relevant HTML and CSS lines to transform the page from its current state to the state indicated in the attached figure. The areas that require additional code have been enclosed in red borders with a corresponding number (1 ~ 7) in a red circle. Refer to the description below for a detailed explanation on what exactly should be done.



#### Description

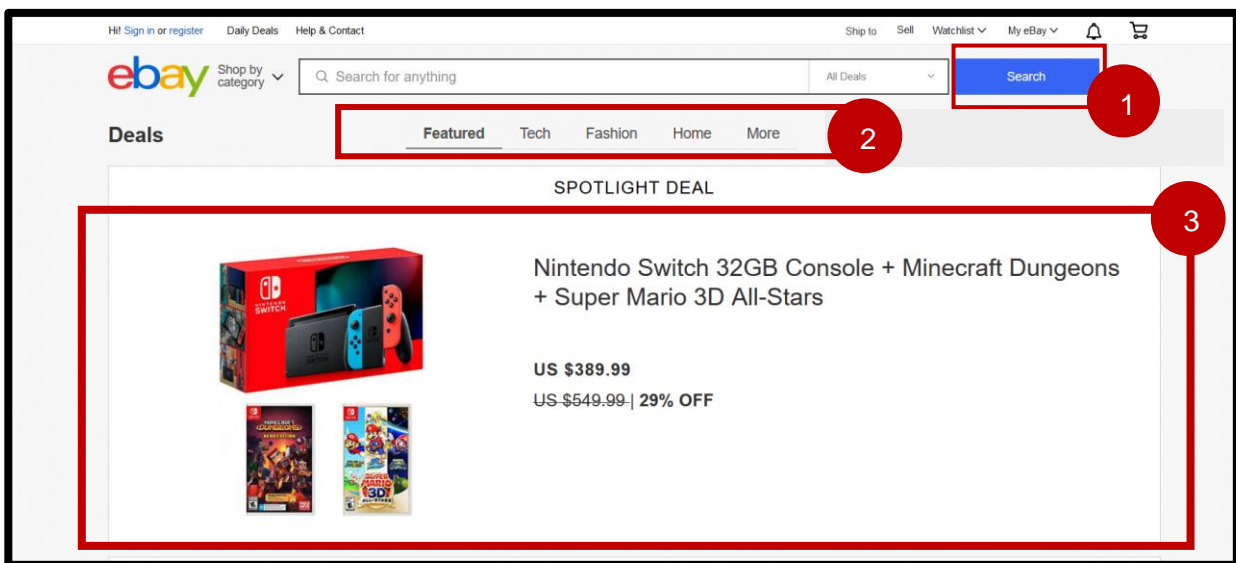
1. Add necessary HTML and CSS code to transform the primary navigation menu from its current state to the state in the attached figure. (You can view the current state of the secondary navigation menu when you open the problem 1.html file in your web browser)
2. Write relevant code to add the Yahoo image logo. You can find this image in the provided folder
3. The search box contains a grayed-out text which reads **"Search what you're looking for"**. Write relevant code to output this text (formerly known as **placeholder text**).
4. Write relevant code to add the search button. Note that the button is overlaid with an image which can be found in the same folder as the html file. Also, note that the overlaying image should **STRICTLY** be added using CSS code and not HTML

5. Write relevant code to align the side navigation menu as indicated in the above figure. Currently, this menu is not aligned appropriately.
6. Write appropriate HTML and CSS code to add the **captain\_america.jpg** image and the news caption content as indicated in the attached figure. The image can be found in the same folder as the html file.
7. Write relevant HTML and CSS code to implement the **Trending Now** section indicated by **circle**

**Hint)** This can be implemented based on the layout in the lecture note  
[page# 27 ~ 44].

**Problem #2 (35 pts)** Modify the relevant HTML and the CSS code used to build the e-commerce website as illustrated in the lecture slides [from page #5 ~ 25] to:

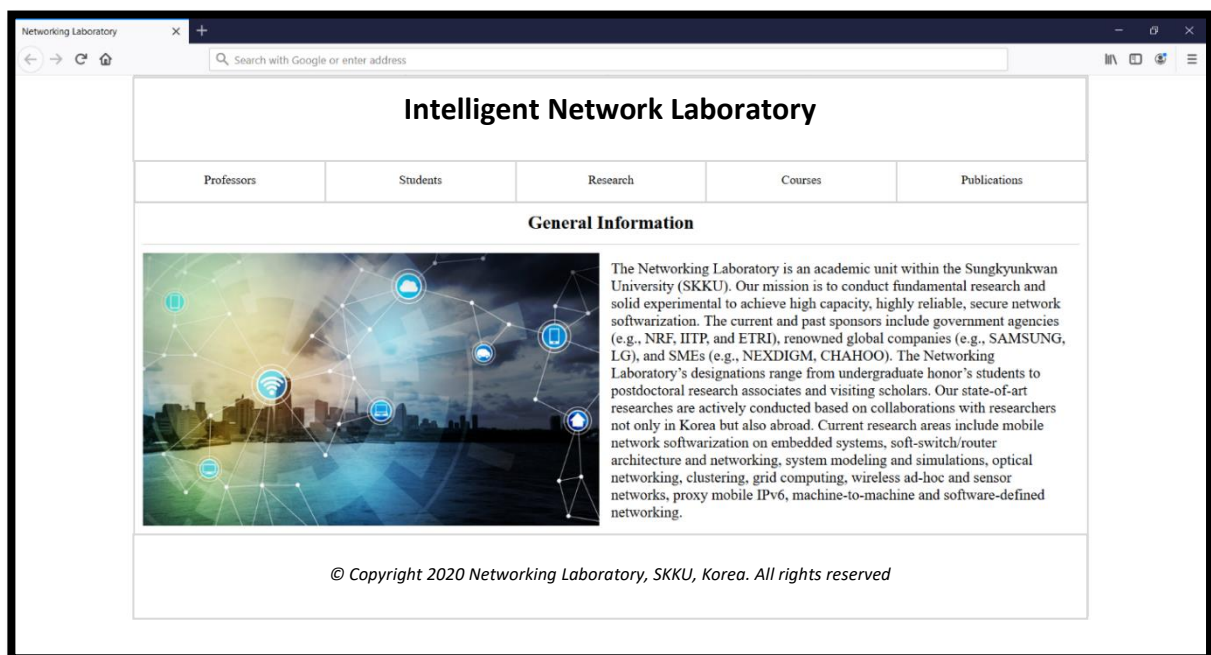
1. Build a primary navigation menu that is **“aligned at the center”** as indicated in the attached figure [in a red box]
2. On the search button next to the search field, please modify the text on the button from “Search” to “Find”
3. Add the Nintendo.jpg image in the product preview section including the description.
  - Hint: This can be easily implemented using the flexbox layout module introduced in Chapter 6



**Problem #3 (30pts).** Using the given code, build a web page like the one shown below (given code is incomplete code).

Some of the requirements are as follows:

- In the folder, there is an image (telecommunications.jpg),
  - Write necessary code that will output the image as shown in the figure below
- Properly align the navigation menu to look exactly as in shown in the figure below
- Align the header (Networking Lab) text to look like in the figure below
  - The text should be equally aligned, both horizontally and vertically
- Add code that modifies the footer text to look as shown in the figure below



## Submission Guidelines

+ A compressed file named W07\_ID\_NAME.zip via iCampus

- For each problem, create a folder named **Problem#**, and put the corresponding file(s) into the folder.

+ Grading policies:

- Your comments (if any) must be written in ENGLISH.
- Clean code, good commenting are important components of your grade.