

### Assignment 3 Name\_\_\_\_\_

1. Your target for this assignment is to create an external style sheet for your course homepage index.html.
2. Here are specifications for this assignment.
  - ☐ In the head section of your index.html document, create a link which links to this style sheet "css/home.css".  
`<link rel="stylesheet" href="css/home.css ">`
  - ☐ Update your "index.html" document as follows
    - Add more information in your introduction section.
  - ☐ Create an external style sheet and name your file "home.css"
  - ☐ Put the following style rules in your style file "home.css"
    - Layouts: Use appropriate style rules to create similar layout as the snapshots.

#### Layout Option 1:

- Use fixed position style for introduction section, navigation section and footer element.
- Float paragraphs in introduction section to the left, image to the right. Please adjust width and height of your image.
- Use absolute position style for assignment section.
- To get pixel perfect layout, please adjust width, height, padding, margin carefully.

#### Layout Option 2:

- Use fixed position style for footer element.
- Use absolute position style for introduction, portfolio, schedule, contact and address sections and put them in the center of page. \*They will overlap with each other. \* Hide all the above sections.
- Move the h1 elements in each section to the appropriate locations in the page. You need to use absolute or fix position style as well. Please check the screenshot.
- Whenever the mouse hovers over h1 element, the corresponding section will show up. \*No javascript/jQuery is allowed, please use only CSS/CSS3\*

#### Layout Option 3: Use CSS Grid to create similar layout as Option1 or Option2

- Font, Color
  - Pick a web font \_\_\_\_\_ and apply the style on all paragraphs.
  - Pick a font color \_\_\_\_\_, font weight \_\_\_\_\_ and apply the style on all lists.
- Text:
  - Transform text in all h1 elements to uppercase. And set letter spacing \_\_\_\_
  - Apply text shadow to all h1 elements.
- Paragraph
  - Set line height \_\_\_\_\_
  - Set text-align \_\_\_\_\_
- Link:
  - Set the text-decoration be none;

- Apply a special style \_\_\_\_\_ to all the links in the page. Whenever the user put mouse on the links, the style will change to \_\_\_\_\_.
- List:
  - **Option 1:** Display the navigation list in one line.
  - **Option 2:** Hide the navigation.
  - Specify an image as the list-item marker in a list.
- Background image
  - Place a background image \_\_\_\_\_ to the body.
  - Place a background color \_\_\_\_\_ to the footer.
- Border:
  - Add border-right, border-bottom style (3px solid #fff ) to Section portfolio, contact information, schedule.
  - Add rounded corner border to li elements in navigation section.
  - Add rounded corner border or image border to h1 elements.
- Selector Practice:
  - Give a special style \_\_\_\_\_ to the first letter of all paragraph such as different color, font-size , and etc.
  - Create box shadow for the first paragraph in portfolio section
  - Style even rows of a table with a background color \_\_\_\_\_
- Table:
  - Apply appropriate style to course schedule table  
border \_\_\_\_\_ padding \_\_\_\_\_ vertical-align \_\_\_\_\_ empty-cells \_\_\_\_\_
- Transformation rule
  - Add a transition rule to h1 elements.
  - Add a transform rule to h1:hover elements.
- Any other style rules that you'd like to add(at least three).

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- ☐ Submit your css file to <http://jigsaw.w3.org/css-validator/> for validation. Is your document passed? If there are any errors that you cannot fix, please put it down here.

- ☐ Before you submit your file, be sure to check this checklist.
- ☐ To submit: Push all your files to the Github server. Please remember to upload this document to blackboard.