# 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

   o 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"

   o 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**

   o 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.

   o Text:
      - Transform text in all h1 elements to uppercase. And set letter spacing ____
      - Apply text shadow to all h1 elements.

   o Paragraph
      - Set line height _____
      - Set text-align _____

   o 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 <u>rounded corner border</u> or <u>image border</u>  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).

    _____
    _____
    _____

☐ 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.