

**Due: 11:59pm ET April 20, 2024****Reminder**

- No late work will be accepted without permission in advance from the instructor before the due date.
- All work submitted under your name must be your own. See Pace University's [Academic Integrity Code \(PDF\)](#).

**Instruction**

- Submit all files (HTML, CSS, etc.) you generated.
- After completing the exercises, compress the output files into .zip; name the .zip file into the following format: 'CS612\_Assignment3\_{FirstName}\_{LastName}.zip' (e.g., CS612\_Assignment3\_Doosan\_Baik.zip).
- Upload the file to the assignment section of the course homepage at <https://classes.pace.edu>.

**Exercise 1: Build a Course Homepage [80 pts]**

Using HTML and CSS we covered in Week 12, build a course homepage for our class based on the course syllabus (only use the contents for Page 1 and 2). You must submit at least **one (1) HTML file** named **index.html**.

Consider using the following techniques:

- <div>, <span> to organize and format the webpage.
- Hyperlinks to connect the various contents.
- Tables or Bullet Points to display weekly breakdown of course materials.

If you would like to use any techniques outside what's covered during the class, feel free to do so.

**For grading, index.html will be open as the start of the navigating point;** all other files must be accessible from index.html. See below for the grading criteria:

| Grading Criteria     | Description  | Total Points | Breakdowns                       |
|----------------------|--|--------------|----------------------------------|
| Content Organization | All contents from the syllabus (page 1 and 2) must be represented in the format that can be understood and navigated easily. | 30pts        | A: 30pts<br>B: 27pts<br>C: 24pts |
| Technical Breadth    | Various tools and techniques in HTML and CSS covered during the class must be used.  | 50pts        | A: 50pts<br>B: 45pts<br>C: 40pts |

For each grading criterion, 25% of the students will be assigned to group A, 50% will be assigned to B, and 25% will be assigned to C to calculate the total grades. The page that fails to render on the web browser will receive **Zero (0)**.

**Exercise 2: Host a Course Roster [20 pts]**

The section consists of **two (2) parts**; each part counts 10pts each. To complete the tasks outlined below, use "course\_roster.csv" file uploaded; it is the file that includes the list of students in the course.

1. Upload the CSV file to S3 and create a CDN distribution using AWS CloudFront.
2. Add a hyperlink within the HTML file you created in Exercise 1, named 'Course Roster', that points to the AWS CloudFront URL hosting the CSV file.

**Hint:** Follow the steps outlined in Week 12 In-class Lab: S3 and CloudFront.

**[Optional] Extra Credit: Connect the Dots [10 pts]**

1. Add a hyperlink from "index.html" created in Section 1 to "course\_roster.html" generated in Section 2.
2. Add an additional feature to the course homepage created in Section 1 that performs the following:
  - a. Create a HTML form that a student can submit course feedback containing a title and a body.
  - b. When 'Submit' button is clicked, the feedback should be sent to the instructor's email address: [dbaik@pace.edu](mailto:dbaik@pace.edu). (**Hint:** consider using mailto: protocol).
  - c. When 'Clear' button is clicked, the HTML form must be cleared.
  - d. There must be a hyperlink from "index.html" to the feedback form created.