Assignment: Intro HTML5

Purpose: The purpose of this lab is to study, understand, and use html/html5 elements to create a basic website.

Skill: Learn to use html elements to create a website. Understand the semantic organization of the html documents.

Assignment Description:

• Create a website about a topic that you find interesting (topic should be appropriate to be discussed in the academic setting).
• This lab is an individual submission. Every submissions for this assignment must be unique.
• Create home page button and links for each pages in the header of the page
• Create nav bar to implement the links
• There must be at least 4 separate html files (index.html, about.html, content.html, location.html) for example
• The pages should use anchors to create links between pages. The pages should use six different types of links (use a self link to a different portion of the page, link to a portion of a page of another html page, link to external site, link to download a file, link to email, link to make a phone call).
• Use images, image anchors (logo) to navigate to the home page (index.html)
• Use paragraph, three different types of list (dl, ul, and ol), div semantic block, inline html elements in your pages
• Use at least 7 html5 elements that are presented in the slide 34, including figure and figure caption.

You need to submit the a pdf document that will have the following sections
• Introduction: explain the background of the website (what is it about).
• Html pages: explain the organization of the html files, show the screenshots of each html pages (four screenshots).
• html5 elements: explain the html5 elements that you have used to create the html documents for this assignment
• Discussion

When you are satisfied with your html program codes and the the report you can submit them on the Brightspace course website. The deadline to submit the lab would be 9/12/2025 @11:59pm. Thanks.

Criterion	Details	Deductions
File Requirement	At minimum the submitted contents must have four html files, and a folder containing image files for this assignment	-3 for each missing files -2x: missing html5 elements -5: missing report with the required sections
HTML submission requirement	html5 elements must be used to create the website	-2: no links (anchors) have been created in the html files -2: different types of links were not created as required -2: no images have been used in the html files -4: semantic separation of header, footer, body, section, have not been established in the html files
Test	Implementation accuracy	-2: broken links in the documents -3: html elements have not been used properly (tag not closed, missing attributes, etc)