Purpose: The purpose of this assignment is to have you practice HTML5 tags as well as document-level style sheets (in Head section).

CEAB Attributes: Design, Use of engineering tools

Question 1 (Lists) (4pts)

Using HTML5, produce the following nested lists exactly as illustrated in Figure 1. It includes a header, ordered, unordered and definition nested lists.

List Creation

V. List Item 1
    c. Nested 5.c
    b. Nested 5.b
    a. Nested 5.a
VI. List Item 2
    3. Nested item 3.1
    4. Nested item 3.2
       • Enum
       • CSS
           ▪ Inner 1
           ▪ Inner 2
       • PHP
    5. New item
VII. List Item 3
     ○ Armenian Style
       1. shape 1
       2. shape 2
       3. shape 3

AKA
    Also Known As
AWA
    As Well As

This is a power^{5}_{9} and base example.

Figure 1. List illustartion in HTML

Question 2- Tables (4 pts)

Using HTML5, produce the table in Figure 2. Include the border attribute in your <table> tag to make it easier to identify the cells even though it will not pass the HTML5 validator. No other CSS please. (**Question #4** will have you practicing with CSS). Specifications are as follows

1. Table border size is 2
2. You can choose the image of your choice but the link should be functional.

T1 Table Example

A	B	C	D	E		F	G			I
B	asdkasb	consetetur				sadipscing	iuagsdv		H	jkugsw
C	car	cash				corn	candy			coin
D	Link to the Image Used						sasas			endcol
E	epsum		ellsdln			era	endtable			

Figure 2. HTML table

Question 3- Forms (4 pts)

Create a single page that demonstrates an HTML form used for car dealership site. Feel free to change the text and choices. No CSS please. (Question #4 will have you practicing with CSS)

Figure 3. HTML form example

Question 4 – Presentation (3 pts)

Make a copy of your HTML page from Question #3 and add the following presentation formatting. All formatting must be defined in the head section of your document.

1. An image of your choice to the right or left of the top header (When the user clicks on the image it should take them to the URL where the image is from). It might be easier to include this part in a table with 2 columns so that the image is next to the header.
2. The background of your page should be any color other than white.
3. Each *fieldset* border color should be different and not black or grey.
4. The *legend* of each *fieldset* should be same color as border of the *fieldset* it belongs to.
5. The background color of each *fieldset* should be different and other than white.
6. All prompt input field labels should be Strong.

Figure 4. CSS styling

Question #5: – Formatting a list and table/External style sheet (5 pts)

Script the webpage in Figure 5 using an html file for the format and content and an external CSS file for the presentation. You choose the topic; here are a few ideas: cars, animals, sports, foods….

1. The **background** of your page has a repeated image of your choice.
2. The **header** must be formatted using the box model. The image to the right illustrates the CSS box model. To accomplish this use the <div> tag. You can use any color combinations for the border and the background. Set the margin of the box model to be the same as the margin of the table that follows (so they line up nicely). Set the border to be at least 10px and solid. Set the internal padding to be at least 10px. Set the width to a value of your choice other than 100%. The header must wrap around naturally without a <br /> tag.
3. The table must have minimum 3 rows and 2 columns.
   a. Set the table margin the same as the header margin.
   b. Set the border of the table to be at least 15px, and a different color from any other colors in the table. Set different border style for all four sides.
   c. The 1st row is for headings. The background color must be different from any of the other cells in the table. Add a padding of at least 10px for the heading cells.
   d. The cells in rows 2 and 3 must all have a different color background as well as border.
   e. The cells in the column 1 of row 2 and 3 each have an ordered list whose list style is upper roman. Notice that the numbering of the list items in the cell col 1/row 3 starts at 2 (not 1).
   f. The cell in row 2/col 2 has an ordered list whose list type is uppercase letters directly as **<ol type = "A">**, without using list type (*upper-alpha*). The 1st nested unordered list has bullets (25px x 25px) image of your choice. The 2nd second nested unordered list's bullets are default circle. The color of text in the 2nd unordered list is same as border of that cell.
   g. The cell in row 3/col 2 has an ordered list whose list type is Greek numbering. The 1st nested unordered list's bullets are square. The 2nd nested unordered list has bullets that are a 25px x 25px image of your choice, different from the image used in cell Row 2/col 2. The color of the text in the 1st unordered list is the same as the border of that cell.
4. All styles are to be entered in an external CSS.
5. Be sure to include your name in the page as well as the sources of your images with links to pages at a location of your choice.

Figure 5. Nested Lists

Assignment 1 Submission

- Zip the source code (HTML and CSS files) and any images of this assignment.
- Naming convention for zip file: Create one zip file, containing all source code files for your assignment using the following naming convention: The zip file should be called a#_studentID, where # is the number of the assignment studentID is your student ID number. For example, for the first assignment, student 123456 would submit a zip file named a1_123456.zip
- Submit your assignment into the folder "Assignment 1" using the Moodle System:
- Assignments must be submitted in the right folder of the assignments. **Assignments uploaded to an incorrect folder or submitted via email will not be graded and will result in a zero mark. No resubmissions will be allowed. Please make sure you submit on Moodle system making use of the Assignment1 submission link under the week of July 21.**
- For this assignment, you must work **individually**.

Evaluation Criteria for Assignment 1 (20 points)

Total	20 pts
Question 1	**4 pts**
Ordered list	1 pt
Unordered list	1 pt
Definition list	1 pt
Text, subscript, superscript	1 pt
Question 2	**4 pts**
Headers(lines 1 & 2)	0.5 pt
Row 1	0.5 pt
Column 1	0.5 pt
Column 2 (headers)	0.5 pt
Row 2 image	1 pt
Remainder of rows	1 pt
Question 3	**4 pts**
Title	0.5 pt
Customer Information	1 pt
Car Information	2 pts
Action buttons	0.5 pt
Question 4	**3 pts**
Image next to title	0.5 pt
Page Background color	0.5 pt
Label format	0.5 pt
Fieldset colors/legend format	0.5 pt
Input field labels bolded & color	0.5 pt
CSS in <head>	0.5 pt
Question 5	**5 pts**
Page background & Header	0.5 pt
Table properties	0.5 pt
Row 1	1 pt
Row 2	1 pt
Row 3	1 pt
All style are to be entered in an in-document external style sheet	0.5 pt
Student name and the sources of your images with links to the pages	0.5 pt