
Due Date: By 11:55pm July 6 (Wednesday), 2022

Evaluation: 12.5% of final mark

Late Submission: none accepted

Type: Individual Assignment

Purpose: The purpose of this assignment is to have you practice HTML5 tags and document-level style sheets (in Head section). **CEAB Attributes:** This assignment is primarily evaluating your use of the HTML5 tags (Use of engineering tools)

Question 1 – Lists (4 pts)

Using HTML5, produce the following nested lists exactly as illustrated in figure 1. It includes definition, ordered and unordered nested lists. No CSS required.

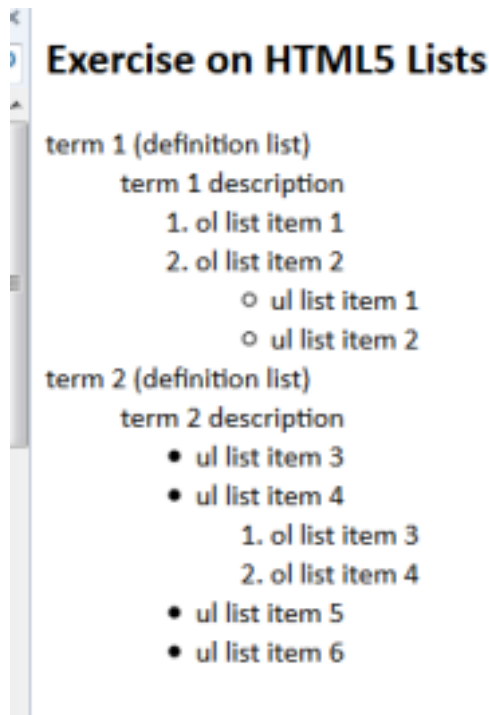


Figure 1 - Nested lists to reproduce

Question 2- Tables (4 pts)

Using HTML5, produce the following nested tables exactly as illustrated in figure 2. . It includes the <th>, <td> and <tr> tags. 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 required (Question 4 will have you practicing with CSS).

Nested Tables

Header column 1	Header column 2	Header column 3	Header column 4						
Row 2 - Item 1	Row 2 - Item 2	Row 2: Nested Table 1 <table><tr><td>Row 1 Header</td><td>item</td></tr><tr><td>Row 2 Header</td><td>item</td></tr><tr><td>Row 2 Header</td><td>item</td></tr></table>	Row 1 Header	item	Row 2 Header	item	Row 2 Header	item	Row 2 - Item 4 A second line
Row 1 Header	item								
Row 2 Header	item								
Row 2 Header	item								
Row 3: Nested Table 2 <table><tr><td>Row 1 Header</td><td>item</td></tr><tr><td>Row 2 Header</td><td>item</td></tr></table>	Row 1 Header	item	Row 2 Header	item	Row 3 - Item 2	Row 3 - Item 3			
Row 1 Header	item								
Row 2 Header	item								
Row 4 - Item 1	Row 4 - Item 2	Row 4 - Item 3							
Row 5 - Last row of outer table									

Figure 2. Nested tables to reproduce

Question 3 – Forms (6 pts)

Create a single page that demonstrates an HTML form used for a survey. Keep to the format in figure 3. You are free to change the text and choices.

Your page must include:

- 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.
- 5 text *input fields*: first and last name and 3 for the favorite artists/bands
- an email *input fields*
- a *drop-down list* for the user to select their age category
- give the user at least 5 possible music genres to pick from via *check boxes*
- give the user 3 text fields to enter 3 favorite artists/bands
- give the customer 4 possible choices of shows they could win tickets for via *radio buttons*
- include both a submit and reset button (*action buttons*)
- Have 2 *fieldset* tag each with their own *legend* tag: one to contain the user information and one for the survey questions.

Be sure to include name and id tags for all input fields.

Note at this point the form will not do anything when submitted. (No presentation attributes required.)

Figure 3 illustrates the expected format of your HTML page.

Music Lover's Survey

Music Lover's Personal information

First Name

Family Name

Gender: ☐ Female ☐ Male

What age category are you from?

Email

Survey Questions

Which type of music do you listen to? (Pick as many as apply)

☐ Blues ☐ Classical music ☐ Electronic Music

☐ Hip Hop/Rap ☐ Pop (Popular music) ☐ Reggae

☐ Other

List your 3 favorite artist/bands:

If you were to win tickets which show would you like 2 tickets to?

☐ BRIT FLOYD (March 24, 2016) ☐ IRON MAIDEN (April 1, 2016) ☐ JANET JACKSON (June 17, 2016) ☐ ADELE (September 30, 2016)

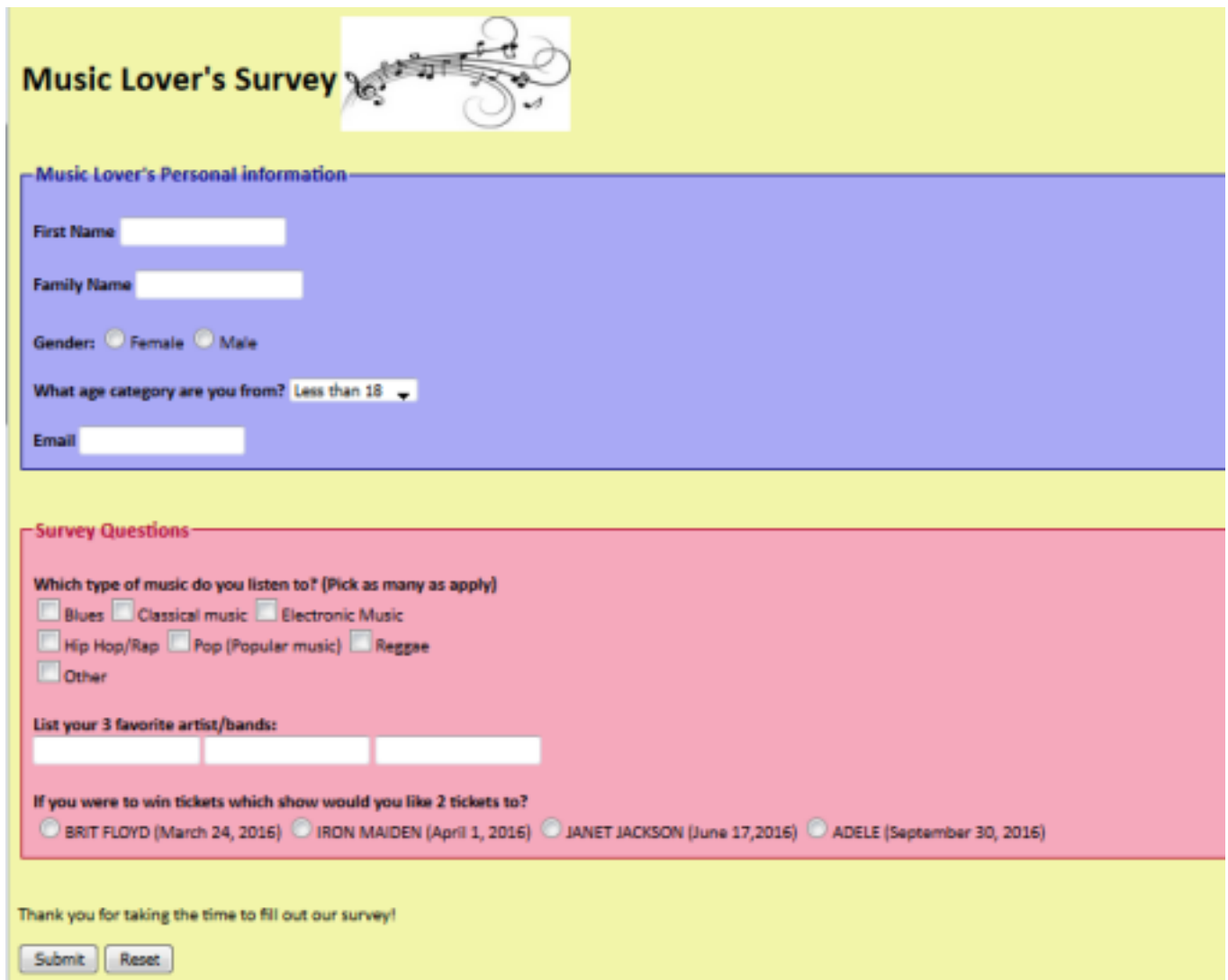
Thank you for taking the time to fill out our survey!

Figure 3 - Format of page to reproduce for question 3

Question 4 – Presentation (5 pts)

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

1. Each *fieldset* border color should be different and not black or grey.
2. The *legend* of each *fieldset* should be the same color as the border of the *fieldset* it belongs to.
3. The background color of each *fieldset* should be different and other than white.
4. The *labels* in each *fieldset* should be a lighter version of the border and legend color.
5. All prompts input field labels should be bolded (such as First Name, List your 3 favorite artist/bands, just to list 2 examples). Refer to figure 4.



Music Lover's Survey

Music Lover's Personal Information

First Name

Family Name

Gender: ☐ Female ☐ Male

What age category are you from?

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Survey Questions

Which type of music do you listen to? (Pick as many as apply)

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Thank you for taking the time to fill out our survey!

Figure 4- Format of page to reproduce for question 4

Submitting Assignment 1

- Before submitting your assignment please be sure to validate your codes using the HTML5 validator at <http://validator.w3.org/>. Any file that fails the validator check (except for the border attribute for question 2), will result in a -1 penalty.
- Please give meaningful names to each html file to make the feedback process easier.
- Naming convention for zip file: Create one zip file, containing all files for your assignment.
- The zip file should be called *a#_studentID*, where # is the number of the assignment and *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 zip file in moodle assignment 1.
- Submit your assignment as **"Programming Assignment"** and select Submission **1** for assignment #1.
- **Assignment not submitted to the correct location will not be graded.**

<p align="center">Evaluation Criteria for Assignment 1 (20 points)</p>

Question 1- 4 pts.	
<ul style="list-style-type: none"> · Definition list · Ordered /Nested ordered list · Unordered /Nested unordered list 	pt 1 pts 1.5 pts 1.5
Question 2- 5 pts.	
<ul style="list-style-type: none"> · Row 1 · Row 2 · Row 3 · Row 4 · Row 5 	pt 1 pts 1.5 pts 1.5 pts 0.5 pts 0.5
Question 3- 6 pts.	
<ul style="list-style-type: none"> · Logo/image · Text input fields · Check boxes · Drop down list · Radio buttons · Action buttons · fieldsets 	0.5 pts 1 pt 1 pt 1 pt 1 pt 1 pt 0.5 pts

Question 4- 5 pts.	
<ul style="list-style-type: none"> · Fieldset/legend formatting · Page Background color · Label format · CSS 	2 pts 1 pt 1 pt 1 pt
TOTAL	20 pts