EECS 1012 – Fall 2018 – Lab Exam #1

INSTRUCTIONS

You have 90 minutes to complete this exam. When 90 minutes have finished, you will be asked to stop and upload your files based on the submission instructions.

IMPORTANT

Do not turn off or logout of your computer when you are done. Leave your files all in the www directory. Have all of your tasks opened in the web browser. Logging out or restarting your computer will result in the loss of 15 points.

Edit the files in the www directory, **you do not need to create any files**.

Additional Files Provided

(1) HTML cheat sheet; (2) CSS cheat sheet; and
(3) Submission instructions (*not provided for practice test*)

Grading Scheme

Task	Marks
Task 1: HTML webpage **File: task1.html**	20%
Task 2: CSS modification **Files: task2.html, task2.css**	40%
Task 3: Forms and CSS **File: task3.html, task3.css**	40%
Total	100%

Task 1: Basic HTML   (20 pnts)

Edit file: `task1.html`

(1) Your edited HTML document should have the appearance shown below.
(2) Use the elemenets specified in the textboxes.
(3) You should <u>validate</u> your HTML with no errors. [Link to validator: https://validator.w3.org/]

EECS 1012   [header 1 element]

[Image source is `eecs1012.jpg`]

[Hyperlink to: https://validator.w3.org/]

Welcome to EECS1012!

[header 2]

Your source for:

- HTML
- CSS
- Javascript

[unordered list]

[header 2]

Exam Dates

Date	Exam	Percentage
Oct 23	midterm	20%
Dec 4	final	20%

[table]

York University & EECS Dept   [final text]

[horizontal rulers]

Task 2: CSS (40 pnts)

Edit files: `task2.html` and `task2.css`

(1) You are given an HTML file with an empty CSS. The HTML appears as shown on this page.

(2) You should modify the HTML and CSS such that your HTML file looks like the example shown on the next page.

(3) Avoid using in-line style and embedded style, all CSS modifications should be in the task2.css. You can modify the HTML to add in id, classes, divs and spans.

(4) You must validate your HTML code (you do not need to validate your CSS code).

EXAMPLE OF HTML FILE PROVIDED

This thin black is not part of the HTML. It just shows you the boundaries of the webpage.

TARGET HTML with CSS added

Box around all content. The width is set to 80%. Margins are set to auto.

The fonts are all set to monospace.

This box has a 5 pixel border that is orange.

The background color is:
 r=244, g=235, b=66.

Header 1 is aligned to the center.

These boxes have a 5 pixel border that is orange.

The background color is r=0, b=200, g=255.

There is padding of 10 pixels.

There is a margin of 10 pixels.

All header 2 elements inside these boxes are centered.

Text is yellow.

Font is sans-serif.

Size is 1.25em.

Trump Hair

Original

The Donald

This is the original Trump hair. It is found often in nature.

Look alike #1

Corn Silk

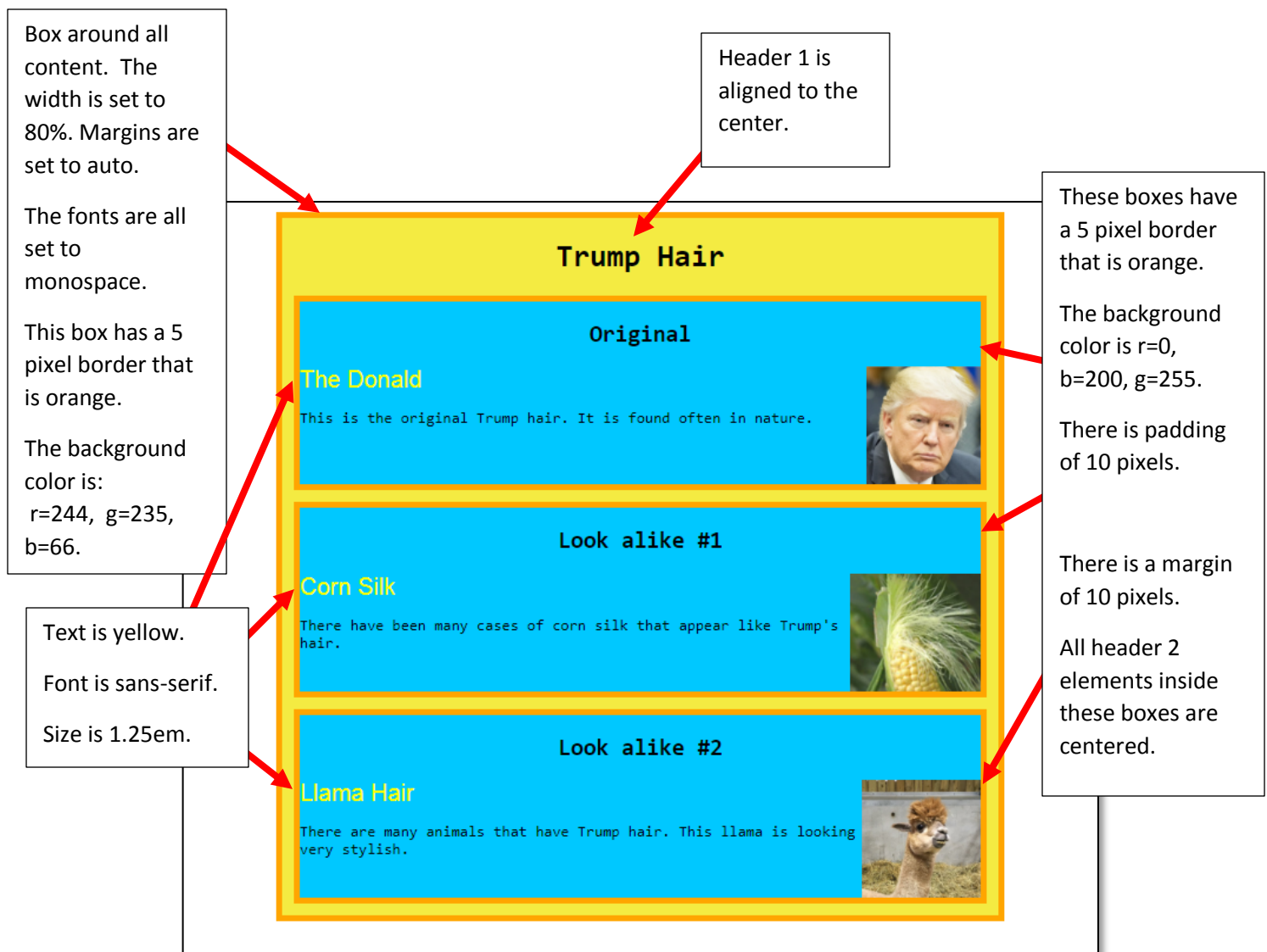There have been many cases of corn silk that appear like Trump's hair.

Look alike #2

Llama Hair

There are many animals that have Trump hair. This llama is looking very stylish.

Task 3: CSS and HTML Forms (40 pnts)

Edit file: `task3.html` and `task3.css`

(1) Your edited HTML document and CSS file to have the following appearance.
(2) Use the HTML and HTML form elements specified in the textboxes.
(3) You should <u>validate</u> your HTML with no errors.
(4) Action of the form should be set to: https://www.eecs.yorku.ca/~mbrown/EECS1012/testForm.php

Data sent from HTML Form

Name	Value
Name	Abdel Zhang
DL	55550555
FuelType	gas
under25	yes
carType	SUV

Example of a successful form output.
Ensure the name properties are correct.

DETAILS FOR YOUR FORM

(1) Box surrounding all items has width set to 40% with left margin set to 10%.

　　　There is a black border that is 2 pixels thick.

　　　The backgroung color is set to `silver`.

　　　Padding is set to 5 pixels.

　　　All fonts are set to sans-serif.

(2) This is a header 1.

(3) Define a fieldset and legend as shown.

(4) This is an input text field. The element's name property is <u>Name</u>.

(5) This is an input text field. The element's name property is <u>DL</u>.

(6) Radio buttons with the name <u>FuelType</u>. The values should of the radio buttons should be `gas` and `electric`. Use the label element to associate the text with the buttons.

(7) Checkbox name is <u>under25</u>. Its value should be yes.

(8) This is pulldown list. The element's name property is <u>carType</u>. There should be three options are (i) Sedan; (ii) SUV; (iii) Van.

(9) Submit button.

(10) Reset button.