VIT UNIVERSITY
(Estd. u/s 3 of UGC Act 1956)

Lab Cycle Sheet 1 – HTML and CSS

Course Name: Internet and Web Programming | **Course Code: CSE3002**
Semester: Winter 2020 – 21 | **Max Marks: 10**
Class Number: VL2020210504598/ VL2020210504600 | **Slot: L21+L22 / L55+L56**
Due Date: 05 – Mar – 2021

Common Instructions:

1. Should create only one program for every questions and subdivisions are included in the single program.
2. Recommended editor is basic notepad or notepad++
3. Copy the code after completion of programs and paste it in a word file. Take screen shots of output (which must be clear to see in normal view) and paste it in a word file. Use snipping tool or print screen to take the screen shots. Finally convert the file into pdf and upload it in VTOP.
4. Due date is the maximum time limit only, you can upload before that also. Later submissions not possible.
5. The document must contain your register number and other details of the course.
6. Also the line space of the document is **single line spacing.**

Questions:

1. Design a HTML page with the following information:
   a. Print your name and RegNo in green color with different style of your choice.
   b. Print the numbers 1 - 10, each number being a different color.
   c. Print a paragraph with 4 - 5 sentences. Each sentence should be a different font
   d. Print a paragraph that is a description of a book; include the title of the book as well as its author. Names and titles should be underlined, adjectives should be italicized and bolded.
   e. Print your name to the screen with every letter being a different heading size.
   f. Write a comment line on your code and make sure it is not displayed in the page
   g. Display a c code as it is in the page
   h. Set the background color of the page as yellow
   i. Apply marquee for your name

2. Create a page aboutme.html that describes you. Include information such as:

   a. Your name in the top of the page in large text and your address in smaller text

   b. A description of you in <= 2 sentences. Emphasize important word(s) in bold.

c. A list of classes you are taking right now with a simple description of each with interesting subjects in marvellous colours.
d. Your 3 favourite movies, books, or TV shows, in order. Make at least one link to an interesting site about that TV show/movie/book
e. Two images that represent you when you're happy and sad.
f. Something about one of your neighbours (people sitting next to you, make it interesting as well.
g. Describe your skill level in programming languages.

3. Desing a HTML page to implement the following points (Text formatting and Lists)

a. Prints 10 names with a line break between each name. The list should be alphabetized, and to do this place a subscripted number next to each name based on where it will go in the alphabetized list. (Example: $Alan_1$). Print first, the unalphabetized list with a subscript number next to each name, then the alphabetized list. Both lists should have an <h1> level heading.
b. Print two lists with any information you want. One list should be an ordered list, the other list should be an unordered list.
c. Print a list which starts with 7 with the type i
d. Print two addresses in the same format used on the front of envelopes (senders address in top left corner, receivers address in the center)
e. Print ten acronyms and abbreviations of your choosing, each separated by two lines. Specify the data that the abbreviations and acronyms represent

4. Design a HTML page to print a table as follows:

Purchased Equipments (June, 2006)			
Item Num#	Item Picture	Item Description	Price
		Shipping Handling, Installation, etc	Expense
1.		IBM Clone Computer.	$ 400.00
		Shipping Handling, Installation, etc	$ 20.00
2.		1GB RAM Module for Computer.	$ 50.00
		Shipping Handling, Installation, etc	$ 14.00
Purchased Equipments (June, 2006)			

5. Design a HTML page to display the following Form

6. Create a stylesheet named styleme.css to improve the appearance of your About Me page (Q.No:2).

a. Change the color of at least two elements

b. Change the font properties (family, size, weight, or style) of at least two elements. Some standard fonts: Arial, Arial Black, Verdana, Trebuchet MS, Georgia, Tahoma, Courier New, Times New Roman

c. Change the background color, text alignment and borders

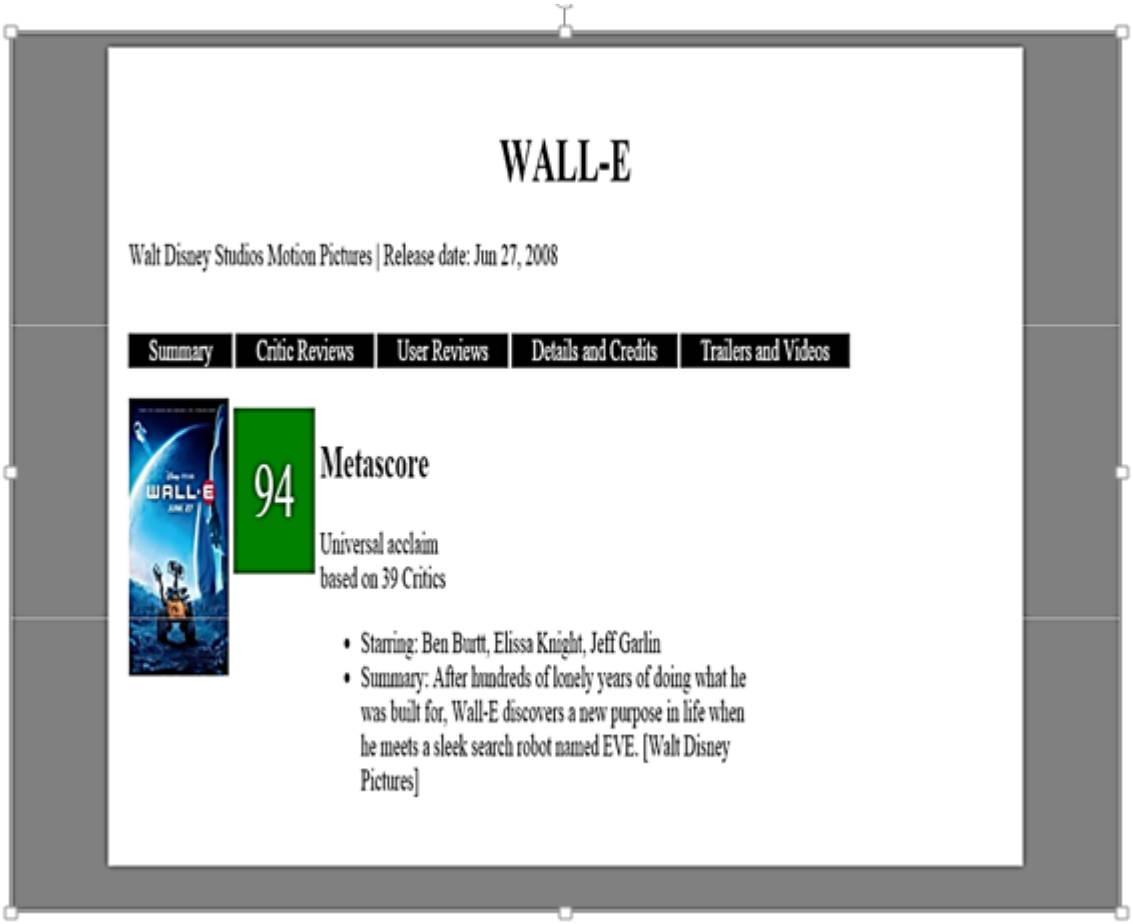
7. Write the **CSS code** necessary to recreate the following appearance on-screen, exactly as shown.

a. The menu items (*Summary* to *Trailers and Videos*) are white text on a black background. There is 20px space between the words and the right and left sides of their black boxes. There is 3px of blank space to the right of each.

b. The score information should be 50% wide.

c. The movie rating has a green background and white text. The number is in 30pt font. There is 20px space between the number and the edges of the green background. There is 5px blank space around the green background.

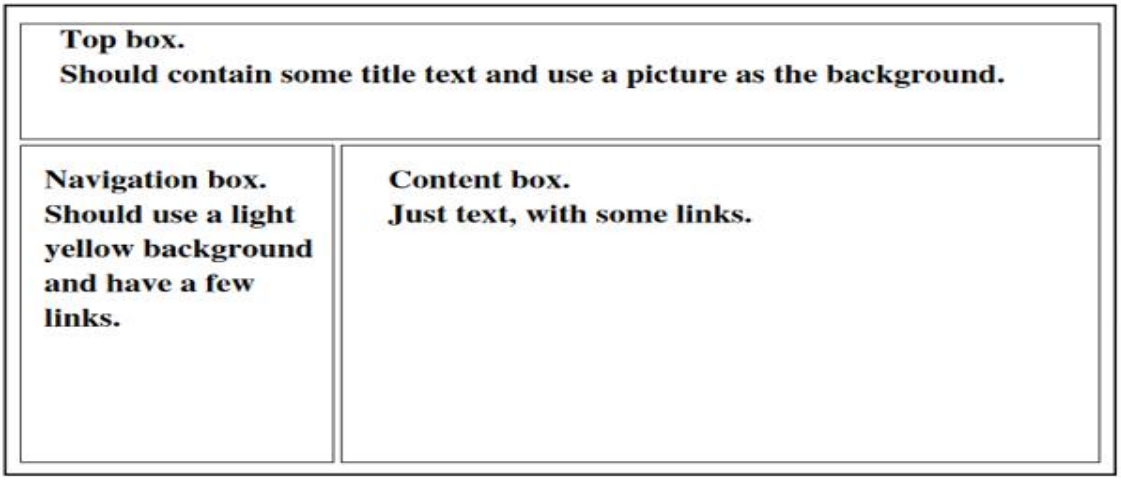
d. The background color of the page is gray but the background color of the area containing everything is white. The white area is 80% wide and centered. There is 20px of space between the edge of the white background and everything inside it.



8. Design a presentation style for your Web pages using an external CSS file. Use a presentation style with three boxes as suggested in below Figure. Use tags with different classes to implement the boxes.

Modify the Web pages to use this presentation style and verify that it works.

Change the style so that links gets enhanced (bold, color and/or background) when the mouse pointer hovers above it.



9. Multimedia

Copy some multimedia files to your Web folder, at least one picture and one video.

i. Add an image using canvas in one of your pages.

ii. Add a video in one of your pages.

(Hint: Check out the tags '<video>', '<embed>', and '<object>' used in the page variably.)

10. Write a program to demonstrate the concept of HTML Image mapping element.

i. Add an image of the cricket playground.

ii. Use image mapping to give the details about the various fielding positions.(e.g. Gully, slip etc., - write description about it and your favourite fielders at that point)