



# CSE3002- Internet and Web Programming

## Lab Cycle Sheet-1 (HTML & CSS)

### 1) HTMLEXERCISES

- Print your name and Reg-No in green colour with different style of your choice.
- Print the numbers 1 - 10, each number being a different colour.
- Print a paragraph with 4 - 5 sentences. Each sentence should be a different font
- 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.
- Print your name to the screen with every letter being a different heading size.
- Write a comment line on your code and make sure it is not displayed in the page.
- Display a 'C' code as it is in the page.
- Set the background colour of the page as yellow.
- Apply marquee for your name.

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

- Your name in the top of the page in large text and your address in smaller text
- A description of you in  $\leq 2$  sentences. Emphasize important word(s) in bold.
- A list of classes you are taking right now with a simple description of each with interesting subjects in marvellous colours.
- 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.
- Two images that represent you when you're happy and sad.
- Something about one of your neighbours (people sitting next to you, make it interesting as well.)
- Describe your skill level in programming languages using definition list.

### 3) HTML TEXT FORMATTING, LISTS EXERCISES

- 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<sub>1</sub>). Print first, the

alphabetized list with a subscript number next to each name, then the alphabetized list. Both lists should have an <h1> level heading.

- Print two lists with any information you want. One list should be an ordered list, the other list should be an unordered list.
- Print a list which starts with 7 with the type 'i'.
- Print two addresses in the same format used on the front of envelopes (senders address in top left corner, receivers address in the center).
- Print ten acronyms and abbreviations of your choosing, each separated by two lines. Specify the data that the abbreviations and acronyms represent

#### 4) HTML TABLES

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 the following Form

The World of Fruit

Fruit Survey

Name

Address

Email

How many pieces of fruit do you eat per day?

☐ 0
 ☐ 1
 ☐ 2
 ☐ More than 2

My favourite fruit

Apple

Banana

Plum

Pomegranate

Would you like a brochure?

☐

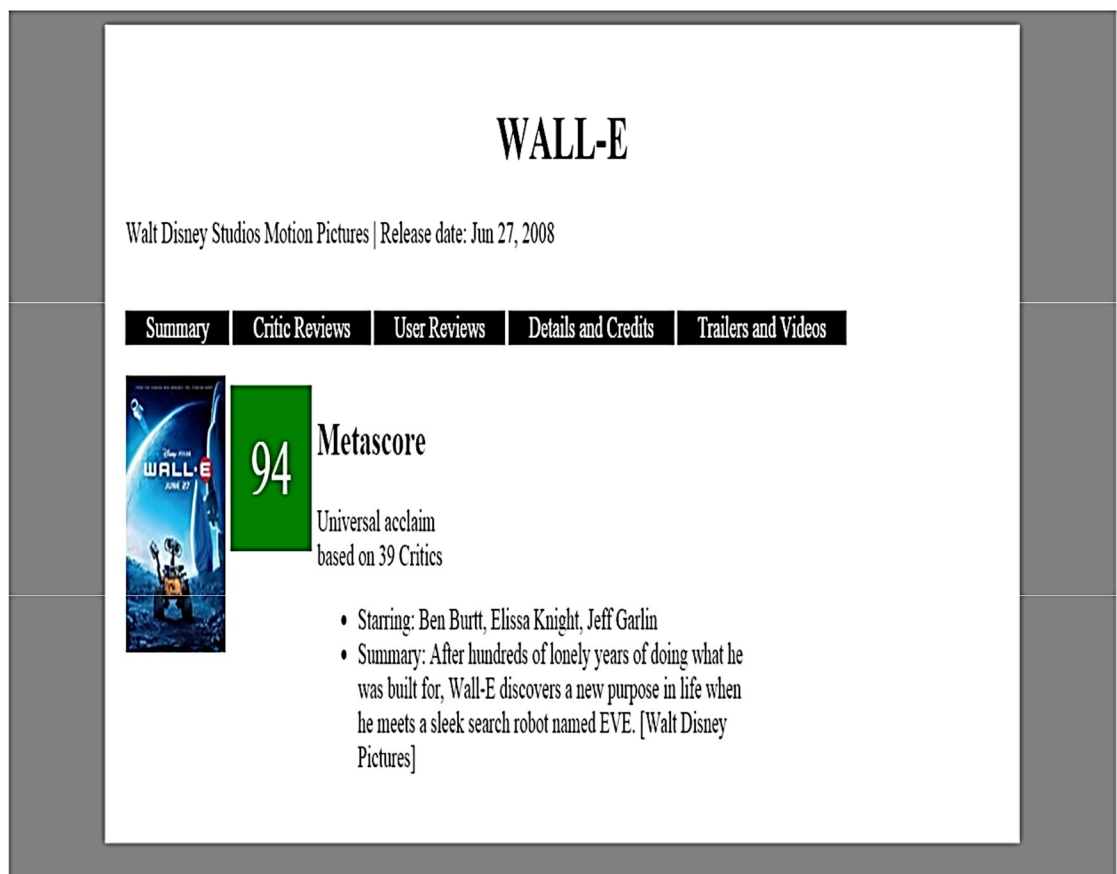
Submit

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

- a. Change the colour 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.

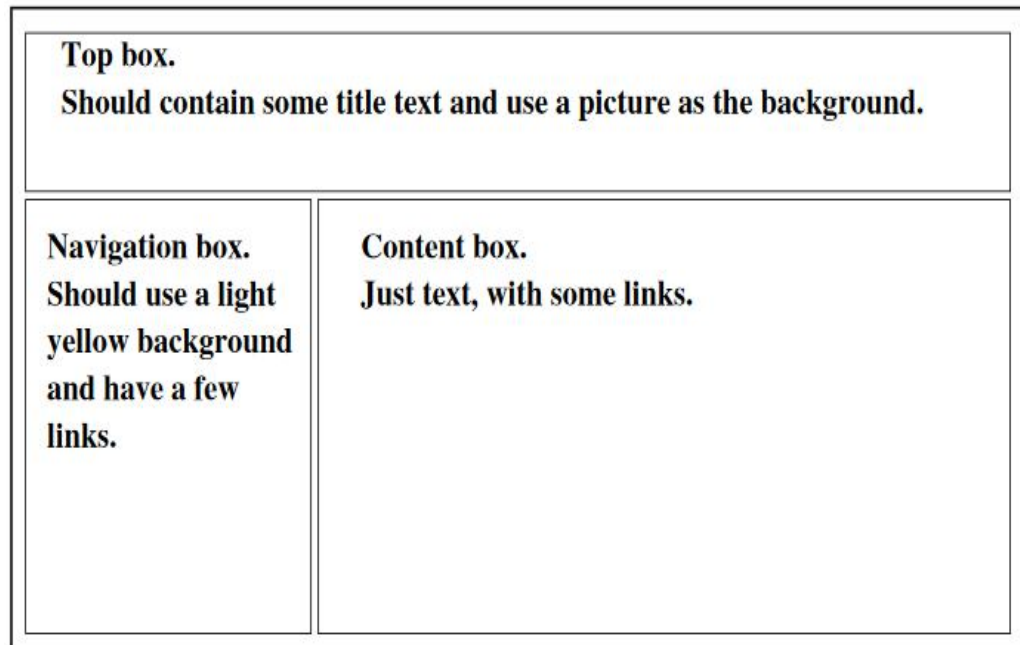
- The menu items (*Summary to Trailers and Videos*) are white text on a black background. There is 20px space between the words and the right and left sides of their black boxes. There is 3px of blank space to the right of each.
- The score information should be 50% wide.
- The movie rating has a green 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.
- 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 <div> 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.

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

- Add an image of the cricket playground.
- 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)