

International Islamic University Chittagong

Course Code: CSE-3532

Course Title: Tools and Technologies for Internet Programming

Assignment -1(Basic HTML and CSS Layouts)

Last Date of Submission: 7th august, 2023

TASK 1: FANCY BUTTONS

- a) Your task is to create these fancy buttons given below using HTML CSS and Fontawesome icons. Your icon design and button bg color may vary but make sure it is relevant. The background colors must be gradient. Reference: https://www.w3schools.com/css/css3_gradients.asp



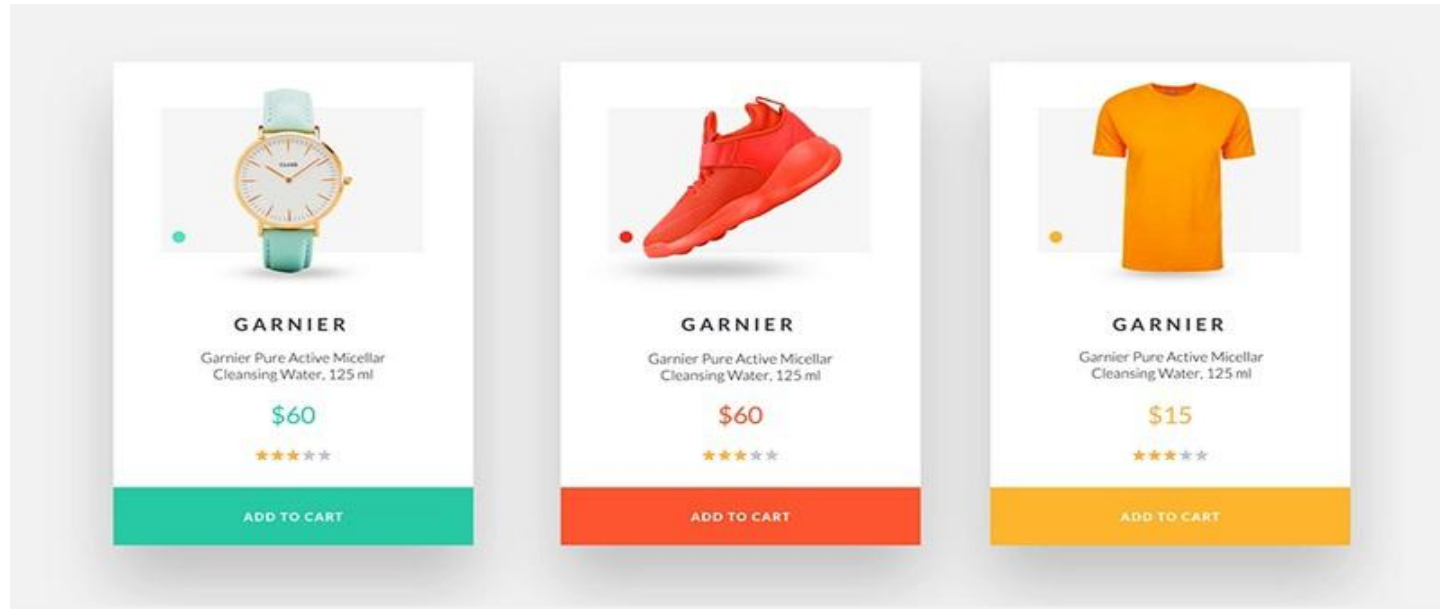
Layout (a): **Must do**



Layout (b): **Optional Task (For your learning)**

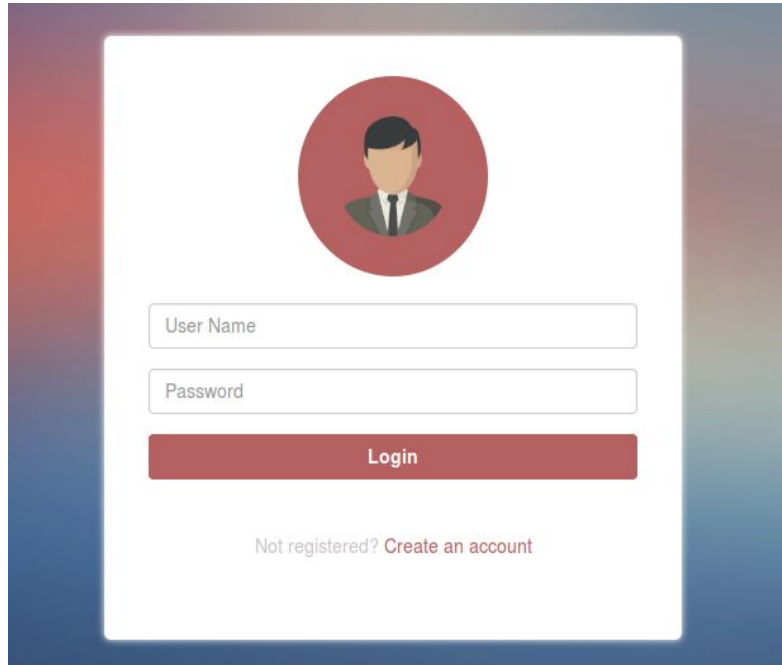
TASK 2: CARD GROUPS

- a) Design three cards similar to the picture given below. You may use different pictures and colors. You can use different font family, icons, pictures and colors. The box shadow on each card is optional. For generating the entire section gradient background you can follow this link: <https://gradienta.io/editor/>

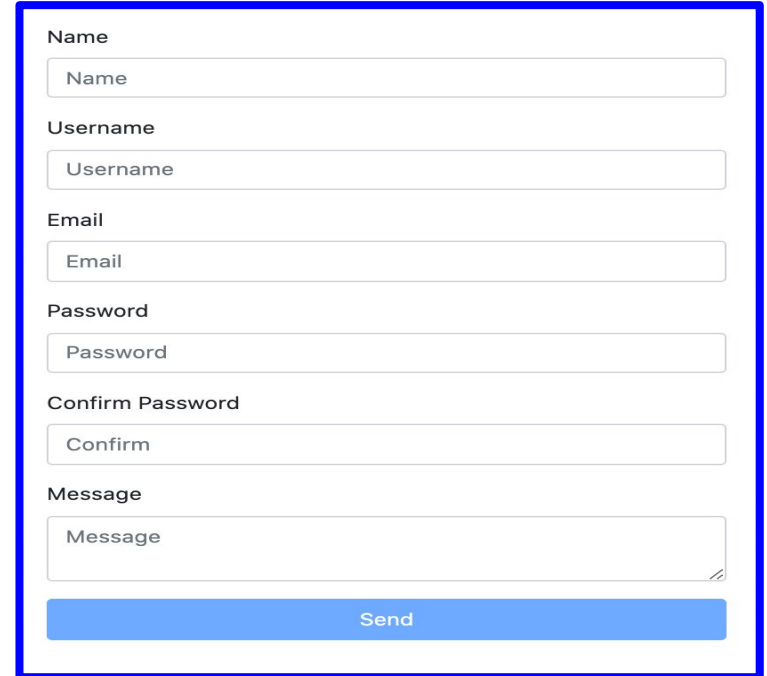


TASK 3: SIMPLE FORM

- a) Make two simple forms similar to the examples below (ask google how to make an image rounded. Or, think about border-radius):-



A login form with a white background and a blue gradient border. At the top center is a circular profile picture placeholder with a red background and a black silhouette of a person. Below the profile picture are two input fields: "User Name" and "Password". Below these fields is a red "Login" button. At the bottom, there is a link that says "Not registered? Create an account".



A registration form with a white background and a blue border. It contains several input fields: "Name", "Username", "Email", "Password", "Confirm Password", and "Message". Below the "Message" field is a blue "Send" button. The form is styled with rounded corners and a clean, modern look.

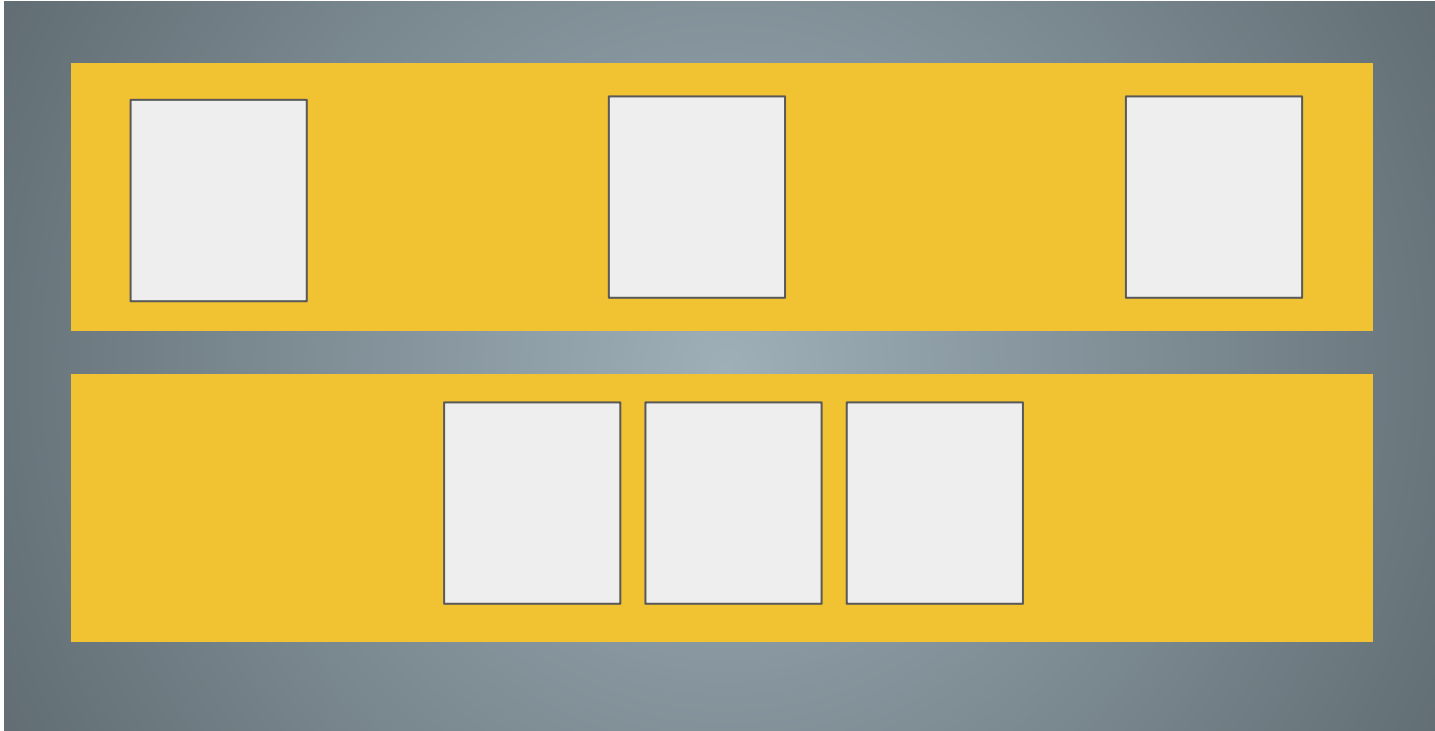
TASK 4: SIMPLE CALENDAR

- a) Make a simple layout similar to the one below(Thing about CSS Grid.). You can use different colors but don't change the layout.

November 2017						
S	M	T	W	T	F	S
29	30	31	1	2	3	4
5	6	7	8	9	10	11
12	13	14	15	16	17	18
19	20	21	22	23	24	25
26	27	28	29	30	1	2

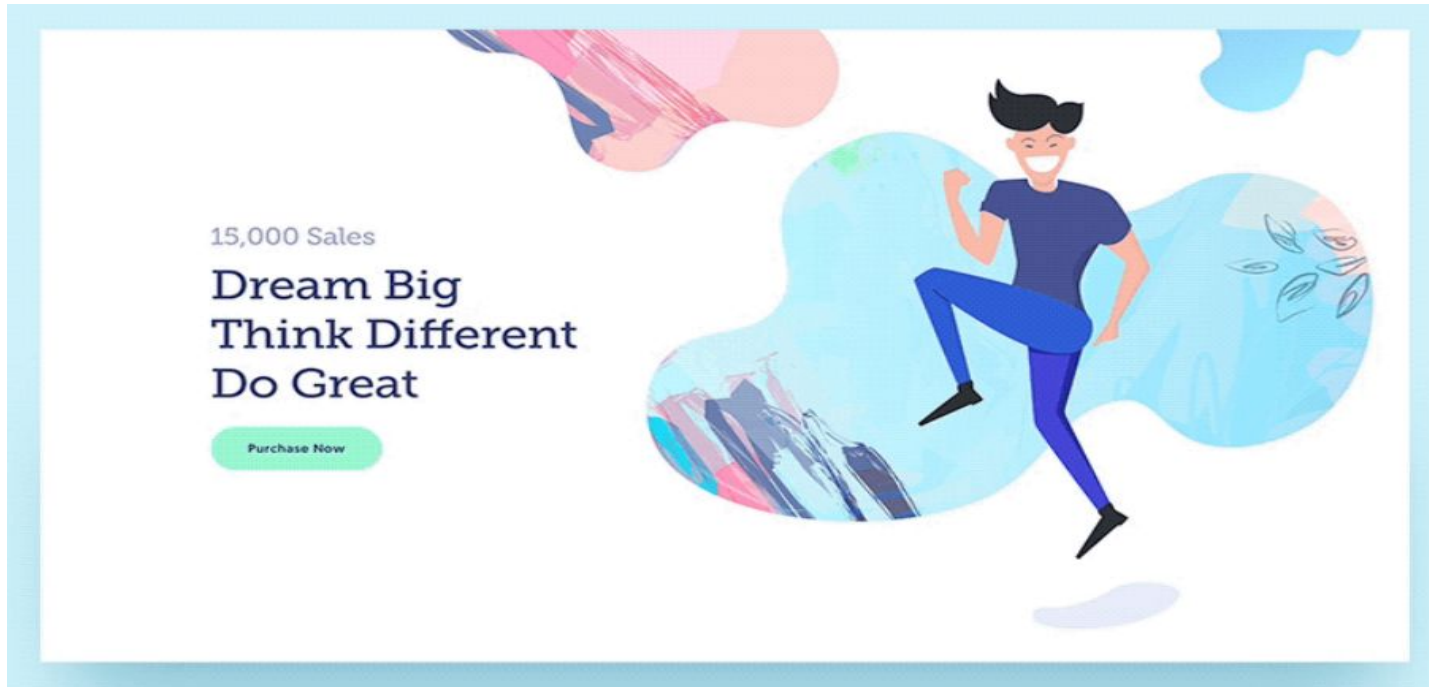
TASK 5: SIMPLE FLEXBOX

a) Make simple flexbox layouts similar to the two examples below:-



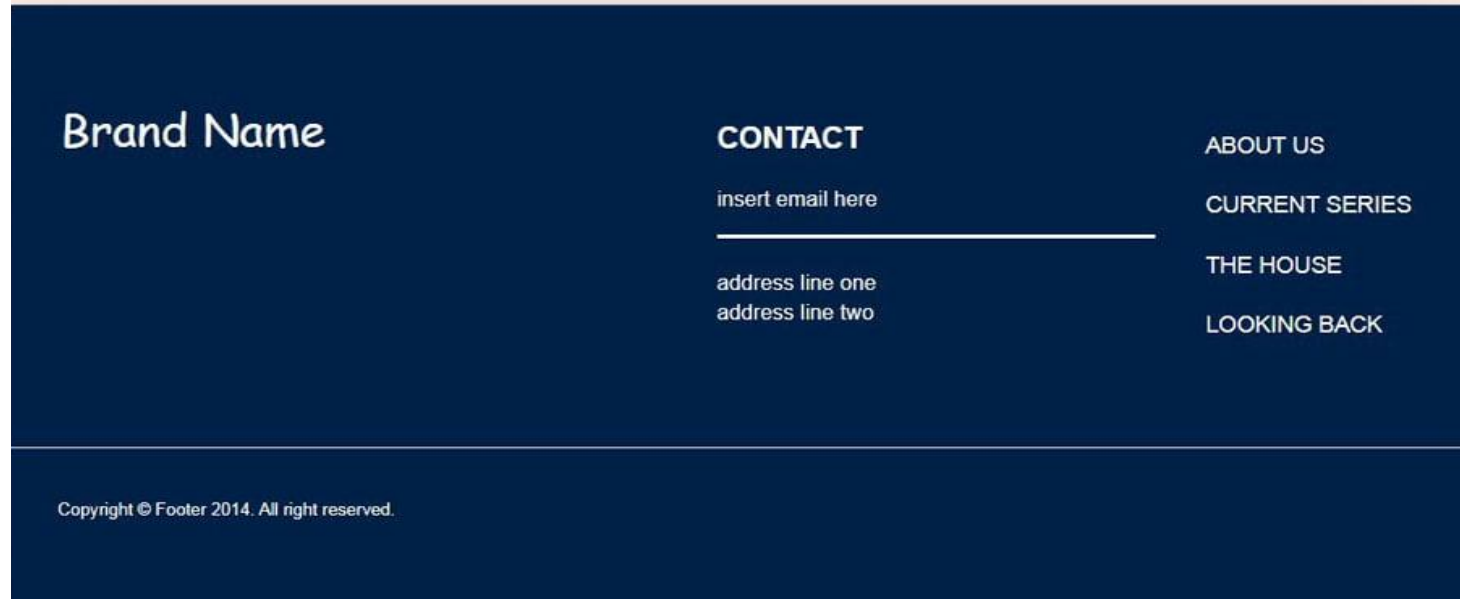
TASK 6: SIMPLE BANNER SECTION

- a) Make simple layout similar to the one below. You can use different illustration or image. For illustration visit- <https://undraw.co/illustrations>



TASK 7: SIMPLE FOOTER SECTION

- a) Make simple layout similar to the one below. For copyright symbol: https://www.w3schools.com/html/html_symbols.asp or, you can use font awesome icon instead.



TASK 8: ANSWER THE FOLLOWING QUESTIONS

- a) Define and give some examples of inline and block level elements in HTML.
- b) What do you mean by semantic tag in HTML? Give some examples of semantic and non-semantic tags.
- c) Discuss about HTML ordered and unordered list.
- d) How many ways are there for inserting stylesheet in HTML? Give some examples of all the ways.
- e) Discuss about CSS Box Model.

Consider the following example and find out the total width the div element will have.

```
div {  
    width: 300px;  
    border: 15px solid green;  
    padding: 50px;  
    margin: 20px;  
}
```

- f) What are Pseudo-classes? Why do we use Pseudo-classes?
- g) Discuss the following CSS rule/style :
margin: 15px 70px;
- h) Discuss about CSS descendant selectors.

You can submit the answers in pdf format.