

## Assignmnet-1

1. Create an XHTML page using tags to accomplish the following:
  - (i) A paragraph containing text “All that glitters is not gold”. Bold face and italicize this text
  - (ii) Create equation:
$$x = 1/3(y_1^2 + z_1^2)$$
  - (iii) Put a background image to a page and demonstrate all attributes of background image
2. Create following table using XHTML tags. Properly align cells, give suitable cell padding and cell spacing, and apply background color, bold and emphasis necessary

Department	Sem1	SubjectA
		SubjectB
		SubjectC
	Sem2	SubjectE
		SubjectF
		SubjectG
	Sem3	SubjectH
		SubjectI
		SubjectJ

3. Use HTML5 for performing following tasks:
  - (i) Draw a square using HTML5 SVG , fill the square with green color and make 6px brownstroke width
  - (ii) Write the following mathematical expression by using HTML5 MathML.
$$d=x^2-y^2$$
  - (iii) Redirecting current page to another page after 5 seconds using HTML5 meta tag
4. Demonstrate the following HTML5 Semantic tags- <article>, <aside>, <details>, <figcaption>,<figure>, <footer>, <header>, <main>, <mark>, <section> for a webpage that gives information about travel experience.
5. Create a class called **income**, and make it a background color of #0ff. Create a class called **expenses**, and make it a background color of #f0f. Create a class called **profit**, and make it a background color of #f00.

Throughout the document, any text that mentions income, expenses, or profit, attach the appropriate class to that piece of text. Further create following line of text in the same document:

The ~~current price is 50₹~~ and new price is 40₹

6. Change the tag **li** to have the following properties:

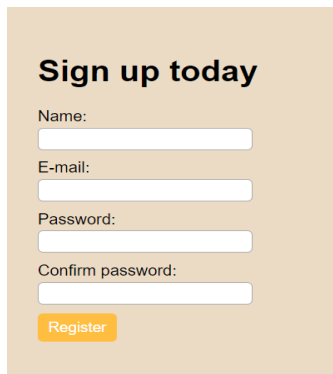
- A display status of inline
- A medium, double-lined, black border
- No list style type

Add the following properties to the style for **li**:

- Margin of 5px
- Padding of 10px to the top, 20px to the right, 10px to the bottom, and 20px to the left

Also demonstrate list style type with user defined image logos

7. Create following web page using HTML and CSS with tabular layout



**Sign up today**

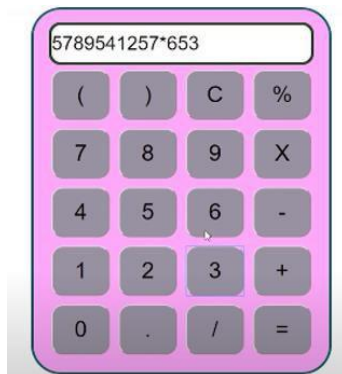
Name:

E-mail:

Password:

Confirm password:

8. Create following calculator interface with HTML and CSS



9. Write a Java Script program that on clicking a button, displays scrolling text which moves from left to right with a small delay

10. Create a webpage containing 3 overlapping images using HTML, CSS and JS. Further when the mouse is over any image, it should be on the top and fully displayed.