



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

Vellore-632 014, Tamil Nadu, India.

School of Computing Science and Engineering (SCSE)
B.Tech – CSE [Winter 2013-14]
Course: CSE308 – Internet and Web Programming (IWP) LAB

Instructions to the Students:

- The following topics are covered in IWP LAB
 - Hypertext Markup Language 5 (HTML)
 - Cascading Style Sheet 3 (CSS)
- You can use either simple text editor or Netbeans IDE for developing code.
[Do not use Dreamweaver or any WYSIWYG Editor]
- You can refer the latest and updated tutorials of web related programming from W3C Schools web site (<http://www.w3schools.com/>)

Hyper Text Markup Language (HTML)

Activity 1: Introduction to HTML

Design a web page having following contents

- a. Your details such as name, age, telephone, address, pin code & Email id aligned in proper order.
- b. Include a paragraph about yourself with proper heading styles and change the background color attractive.

Activity 2: Tags in HTML

- a. Create a simple page giving description of your likes and dislikes using list tag and use ordered list to display your previous semester GPA.
- b. Design another page to list out favorite movies and link to different page using iframe and sectionize page to display interesting quotes on a center of a page. Include image in the background.

- c. Create a webpage having train source and destination details in a table with an appropriate span, padding and heading. And change color of a page on click of a link which includes fare details.

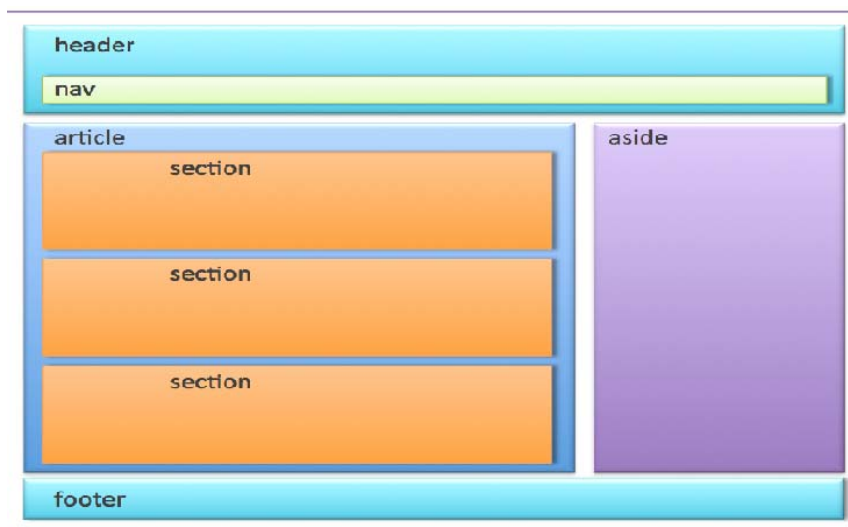
Activity 3: HTML 5 Form and Input Types

Design a webpage that supports (use chrome or Mozilla) the following HTML 5 input type attributes and display appropriate message if browser does not supports.

- | | |
|------------|------------|
| • button | • checkbox |
| • color | • date |
| • datetime | • week |
| • email | • file |
| • hidden | • image |
| • month | • number |
| • password | • radio |
| • range | • reset |
| • search | • submit |
| • tel | • text |
| • time | • url |

Activity 4: HTML 5 Semantic Tags

Design a Web Page for showing your resume and applying all HTML 5 semantic elements like header, footer, nav, section, article, aside and hgroup.

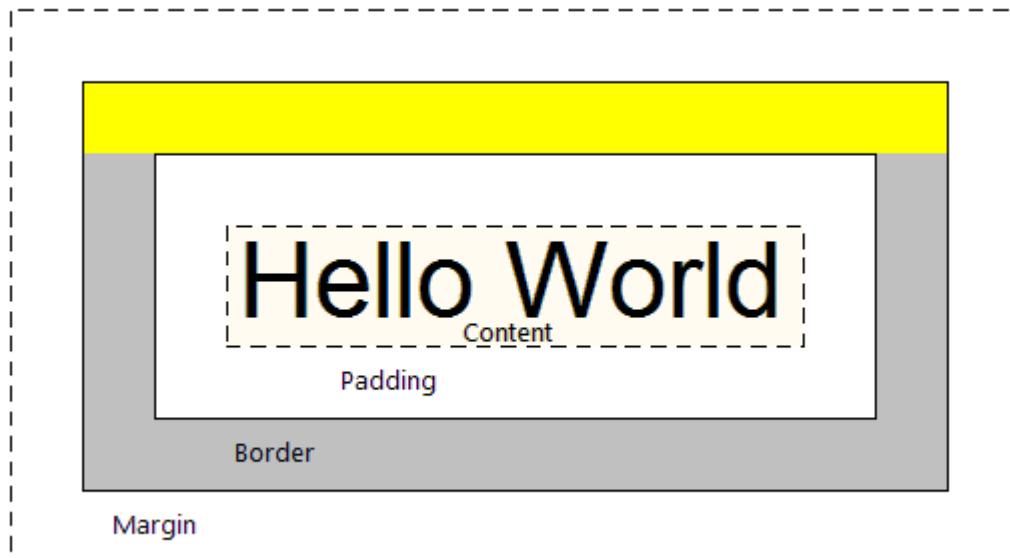


Activity 5 : HTML 5 Advanced Tags

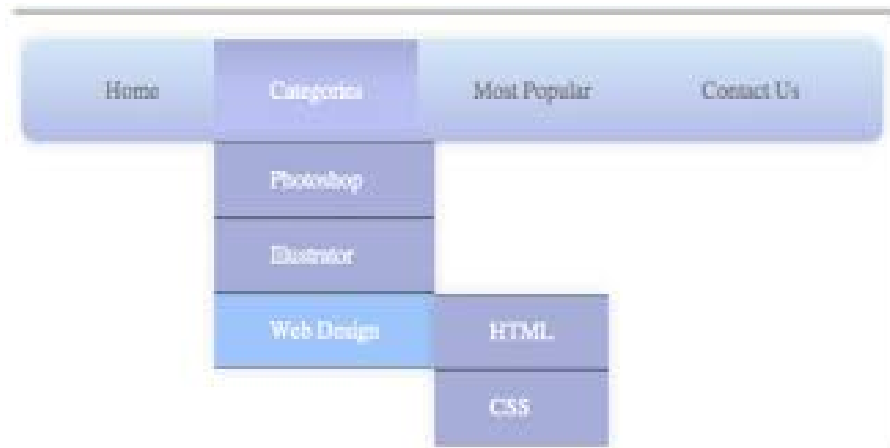
Design web sites with the following HTML 5 tags *figure*, *audio*, *canvas* and *embed*.

Cascading Style Sheet (CSS)

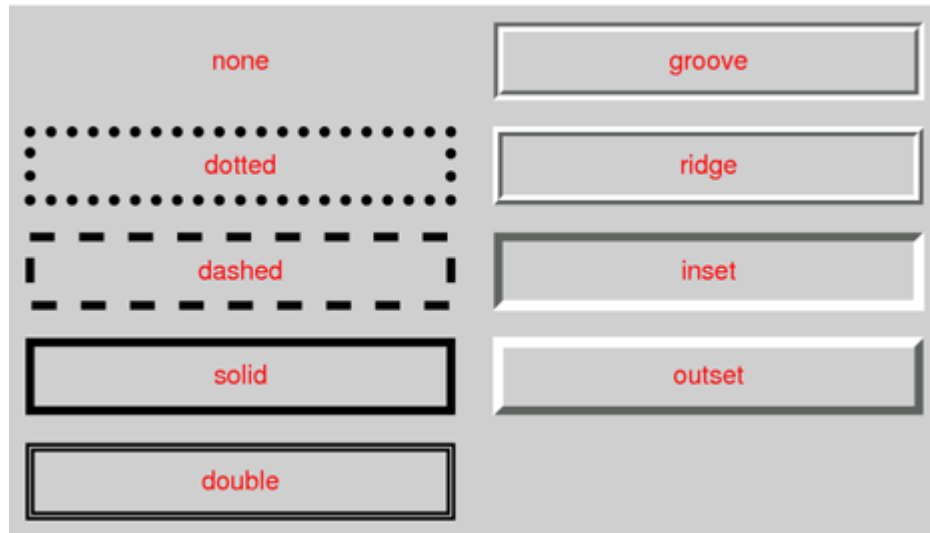
Activity 6: Design a Web page using CSS box model template as given below and color the border of your choice (eg: border-top-style : yellow).



Activity 7: Develop a CSS code to design a web page using drop down menu options.



Activity 8: Develop a CSS code to create the following border styles in your web page and also consider the 'Browser compatibility' while designing it.



Activity 9: Create the following Table using HTML and CSS code (Change the row color while hover the mouse cursor).

| # | IMDB Top 10 Movies | Year |
|----|---|------|
| 1 | The Shawshank Redemption | 1994 |
| 2 | The Godfather | 1972 |
| 3 | The Godfather: Part II | 1974 |
| 4 | The Good, the Bad and the Ugly | 1966 |
| 5 | Pulp Fiction | 1994 |
| 6 | 12 Angry Men | 1957 |
| 7 | Schindler's List | 1993 |
| 8 | One Flew Over the Cuckoo's Nest | 1975 |
| 9 | The Dark Knight | 2008 |
| 10 | The Lord of the Rings: The Return of the King | 2003 |

Activity 10: Design a Web Page with CSS style to create various text effects such as text shadow, text-overflow, text-wrap and CSS float on image.