

List of Practicals

Course: B.Tech CSE

Semester: VIth

Subject: Web Technology Lab

Subject Code: [PCS-693]

HTML 5

1. Demonstrate all the text formatting tags in a single HTML page.
2. Write a HTML code to draw the following Figure :

```

          *
        *   *   *
      *   *   *   *   *
    *   *   *   *   *   *
  *   *   *   *   *   *   *

```

3. Create a web page to print the following table:

List of Course-wise Subjects

Sr. No.	Course	Subject	Marks		Category		Practical/ Theory
			Internal	External	Internal	External	
1	MBA	Management Accounting	30	70	-	✓	Theory
		Information Technology	30	70	-	✓	T and P
		Basics of Marketing	30	70	-	✓	Theory
		E-Commerce	50	-	✓	-	Theory
2	MCM	Visual Basic	30	70	-	✓	T and P
		Internet Technology	30	70	-	✓	T and P
		Network Technology	30	70	-	✓	Theory
		VB.Net	30	70	-	✓	T and P
		Linux	30	70	-	✓	T and P
		ISA	50	-	✓	-	Theory

4. Using table related tags align the images with hyperlinks.

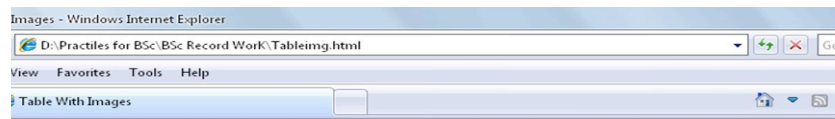
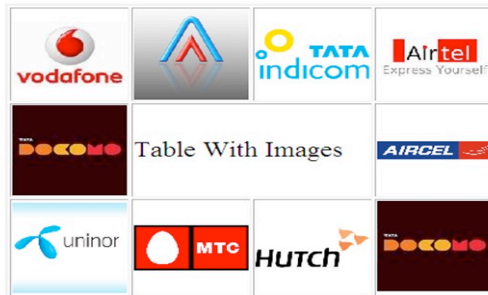


Table With Mobile Connections



5. Create a web page with the following using HTML:

- I. To embed an image map in a web page
- II. To fix the hot spots
- III. Show all the related information when the hot spots are clicked.

6. Create a web page having frames as follows:

Your Name Punch line etc.		
Objective Personal Information Family Information Educational Information Experience Achievements Other	Display information here of selected link	Display relevant images here
Your contact details		

The frame which includes Objective, Personal Information ect. are the hyperlinks. Display the relevant information in the next frame on selecting the link.

The information should be well formatted. Follow the instructions mentioned in the above format.

7. Write a HTML code for the following snapshot.

Basic information

Full name:

Birth date:

Gender: ☐ Male ☐ Female

Address:

Phone number:

Extra information

Interests: ☐ Books ☐ Movies ☐ Videogames

Favorite color:

8. Create a web page of customer profile for data entry of customer's in a Hotel, The profile should include Name, Address, Age, gender, Room Type (A/C, Non-A/C or Deluxe), Type of payment (Cash, Credit/Debit Card or Coupons).

9. Demonstrate the use of following HTML5 Tags:

- I. `<Video>`
- II. `<Audio>`
- III. `<Header>`
- IV. `<Footer>`
- V. `<Nav>`
- VI. `<Embed>`
- VII. `<Datalist>`
- VIII. `<Bdi>`
- IX. `<Article>`
- X. `<Output>`

10. Design an HTML page to create the following list.

1. Programming Languages

○ Python

- Frameworks
 1. Django
 2. Flask
- Libraries
 - NumPy
 - Pandas
 - Matplotlib

○ Java

- Core Concepts
 - OOP
 - Multithreading
 - Exception Handling
- Frameworks
 1. Spring
 2. Hibernate

2. Web Development

1. Frontend

- HTML
- CSS
- JavaScript
 - React
 - Vue.js
 - Angular

2. Backend

- Node.js
- PHP
- Ruby on Rails

Cascading Style Sheet

11. Create a web page to show all hyperlinks with following specification:
 - Default color is pink.
 - Active color is blue
 - Visited color is Green
 - Hyperlink should be without underline.
12. Create Box Shadow and text Shadow using CSS3.
13. Create Rounded Corners using css3.
14. Create a web page to show newspaper layout effects on contents given in web page (i.e. in multiple columns).
15. Create a web page to show transition effect in such a way so that elements gradually change from one style to another style.
16. Create a web page to show fixed background image (this image will not scroll with the rest of the page).
17. Create a web page to position a background image and repeat the image horizontally or vertically.
18. Create an HTML page to demonstrate all types of CSS position properties (static, relative, absolute, fixed, and sticky).
19. Design a web page using CSS which includes the following:
 - i. Use different font styles
 - ii. Set background image for both the page and single elements on page.
 - iii. Control the repetition of image with background-repeat property
 - iv. Define style for links as a:link, a:active, a:hover, a:visited
 - v. Add customized cursors for links.
 - vi. Work with layers.

Snapshot

