1. Design a webpage to display following table.

Web Infomax IT solutions

Sr.No	Details of the services Provided	Qty	Service Period		Service Performance Details			
			From	To	S.No.	Service ID No.	Gap in Service (in days)	Overall Performance Remarks(Satisfactory/Un-satisfactory)
1					1			
					2			
					3			
2					1			
					2			

2. Create an html page named as "registration.html"
    a) Set background colors as blue
    b) Use table for alignment
    c) Provide font colors & size.

STUDENT REGISTRATION FORM

Basic Information

First Name*   : [   ]   Middle Name: [   ]   Last Name*: [   ]
Roll No.*   : [   ]
Email ID*   : [   ]
Phone No.*   : [   ]
User ID*   : [   ]
Enter Password*: [   ]
Re-Enter Password* : [   ]
Branch*   : [CSE ▾]
Year of studying* : [First ▾]
Upload Photo* : [Choose File] No file chosen

Personal Details

Father Name*: [   ]   Contact No.*: [   ]
Mother Name*: [   ]   Contact No.: [   ]
Date Of Birth*: [dd - mm - yyyy 📅]
Aadhar No.*: [   ]

Address

Address1*: [   ]

Address2: [   ]

[Register] [Reset]

3. Write an HTML code to display your CV on a web page.

4. Design the following web page using lists.


```
I. MS Office
        A. MS Word
        B. MS Excel
        C. MS Powerpoint
        D. MS Access
II. LibreOffice
        A. LibreOffice Writer
        B. LibreOffice Calc
        C. LibreOffice Impress
                i. Create Slide
                ii. Use Slide Transition
                iii. Use Animation
                iv. Slide Show
III. Computer Language
        A. Low Level Language
        B. High Level Language
                i. COBOL
                ii. FORTRAN
                iii. C++
                iv. JAVA
IV. Desktop Publishing
        A. Photoshop
        B. CorelDraw
        C. Page Maker
V. Digital Marketing
        A. SEO
        B. SMO
```

5. Write an HTML code to create a Home page having three links: About Us, Our Services and Contact Us. Create separate web pages for the three links.

6. To create an html page with different types of frames such as floating frame, navigation frame & mixed frame.
   a) Create an html page named as "mixedframe.html". Divide the page into two columns of 25% & 75% size. In 25% display the image and divide the 75% into two rows. (50% & 50%). In the first 50% display the video file, and other 50% the time table created
   b) Create an html page named as "navigationframe.html". Divide the page into two columns of 25%, 75% size. In 25% size call the hyperlink, and make the page to be get displayed on the other column when the link is clicked.
   c) Create an html page named as "floatingframes.html". in this file include a paragraph to explain floating frame, and in floating frame include the any html file.

7. Design a web page using CSS (Cascading Style Sheets) which includes the following:
   a) Use different font, styles:
      In the style definition you define how each selector should work (font, color etc.).
      Then, in the body of your pages, you refer to these selectors to activate the styles.
   b) Set a background image for both the page and single elements on the page.
   c) Control the repetition of the image with the background-repeat property.
      As background-repeat: repeat tiles the image until the entire page is filled, just like an ordinary background image in plain HTML.
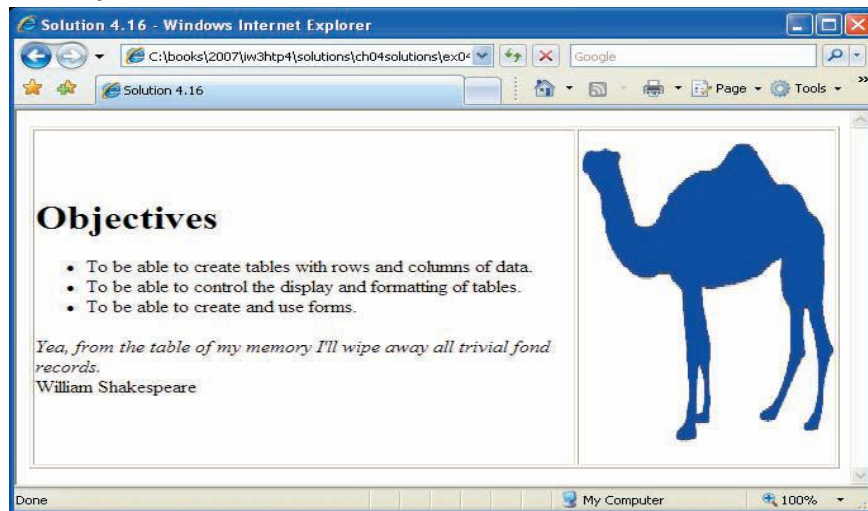   d) Define styles for links as
      A: link
      A: visited
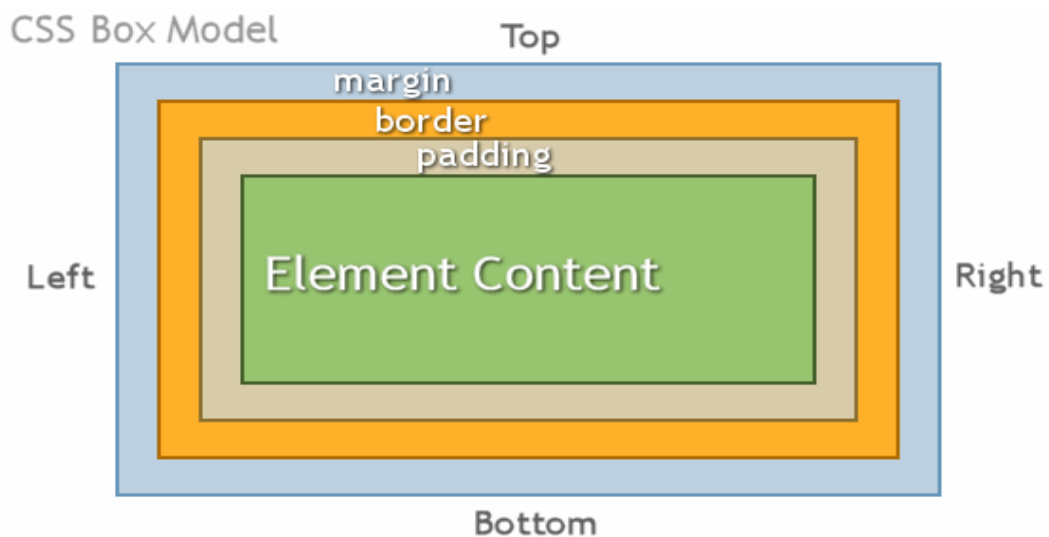   A: active
      A: hover
      Work with layers

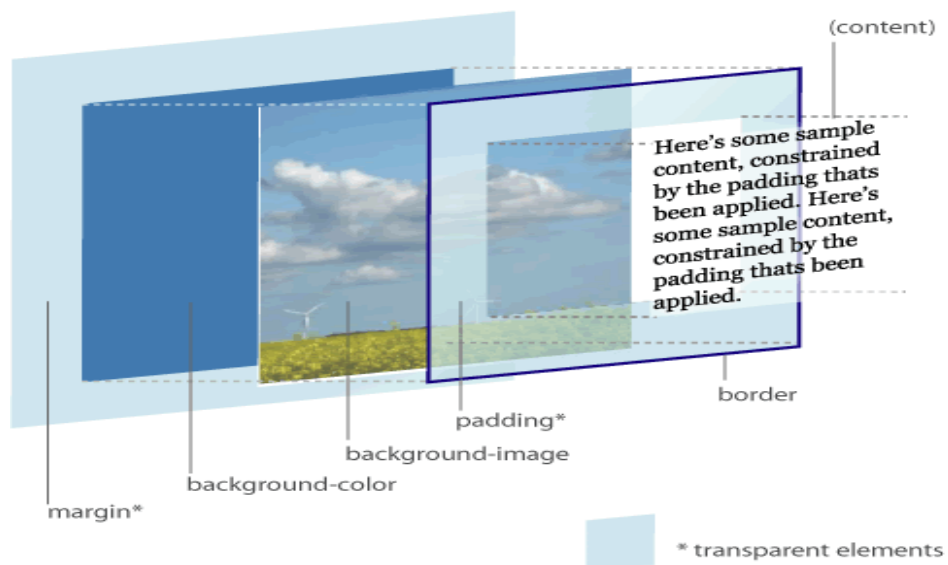8. Create the XHTML markup that produces the table shown below. Use <em> and <strong> tags as necessary.

9. Create a Box Model using CSS Styles as shown below.

i)

ii)

10. Design the following static web pages required for an online book store web site.

1) home page:

The static home page must contain three frames.

Top frame: Logo and the college name and links to Home page, Login page, Registration page, catalogue page and Cart page (the description of these pages will be given below).

Left frame: At least four links for navigation, which will display the catalogue of respective links.

Right frame: The pages to the links in the left frame must be loaded here. Initially this page contains description of the web site

2) login page:

3) catalogue page:

The catalogue page should contain the details of all the books available in the web site in a table.

The details should contain the following:

1. Snap shot of Cover Page.

2. Author Name.

3. Publisher.

4. Price.

5. Add to cart button.

4) cart page:

The cart page contains the details about the books which are added to the cart.

5) registration page:

Create a "registration form "with the following fields

1) Name (Text field)

2) Password (password field)

3) E-mail id (text field)

4) Phone number (text field)

5) Sex (radio button)

6) Date of birth (3 select boxes)

7) Languages known (check boxes – English, Telugu, Hindi, Tamil)

8) Address (text area)
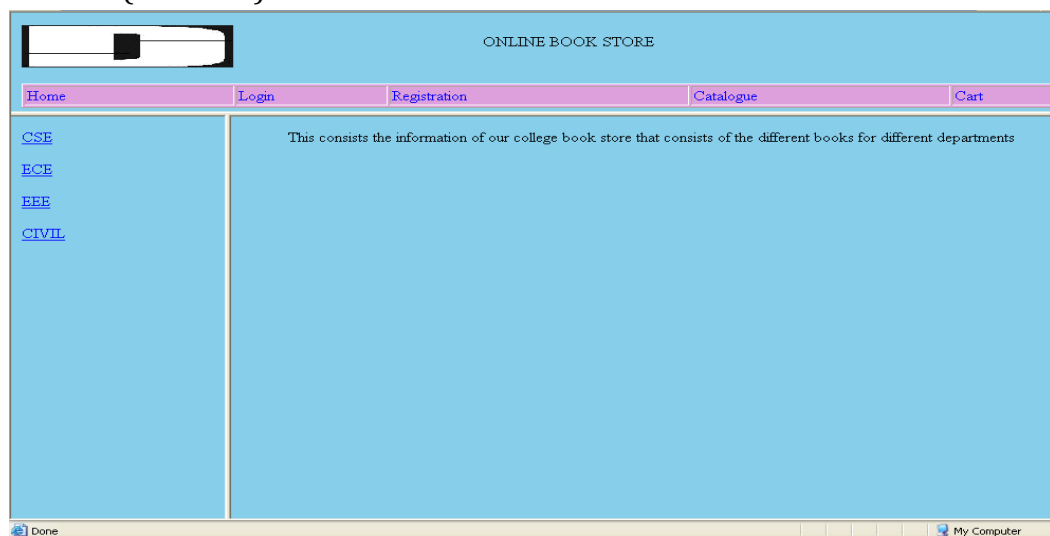
11. Write JavaScript to validate the following fields of the above registration page.
   a. Name (Name should contains alphabets and the length should not be less than 6 Characters).
   b. Password (Password should not be less than 6 characters length).
   c. E-mail id (should not contain any invalid and must follow the standard pattern name@domain.com)
   d. Phone number (Phone number should contain 10 digits only).

12. You will create several files related to a recipe web site for a fictional pie company named Granny's Pies. You need to turn in the following files:

- index.html, the first of two web pages (with an optional CSS style sheet file)
- pie.html, the second of two web pages
- recipe.css, the style sheet for pie.html

The first part of your task is to create a front page (README) for this web site, stored in a file named index.html. Your front page must contain a link to pie.html. The file must also be at least 20 lines long and must contain at least 4 different XHTML elements in its body. It also may not significantly borrow content from your pie.html. Otherwise, this front page can have any appearance you like. If you like, you may use an optional CSS style sheet with this page named index.css and submit it with your other files.

The second (and more substantial) part of the assignment is to recreate a specific web page describing a recipe for lemon meringue pie, stored in a file named pie.html. Unlike index.html, this page is rigidly specified and must exactly match the appearance specified in this document.

For full credit, your files must be uploaded to our web server and must match several stylistic guidelines, all specified in the following sections.

13. Build a Calculator using HTML form elements and JavaScript.
14. Write a script that calculates the squares and cubes of the numbers from 0 to 10 and outputs
    XHTML text that displays the resulting values in an XHTML table format, as follows:
    Number square cube
    0 0 0
    1 1 1
    2 4 8
    3 9 27
    4 16 64
    5 25 125
    6 36 216
    7 49 343
    8 64 512
    9 81 729
    10 100 1000

15. Develop a JavaScript program that will determine the gross pay for each of three
    employees.
    The company pays "straight time" for the first 40 hours worked by each employee and
    pays "time and a half" for all hours worked in excess of 40 hours. You are given a list of
    the employees of the company, the number of hours each employee worked last week and
    the hourly rate of each employee. Your program should input this information for each
    employee, determine the employee's gross pay and output XHTML text that displays the
    employee's gross pay. Use prompt dialogs to input the data.

16. Write a script that reads several lines of text and prints a table indicating the number of
    Occurrences of each different word in the text. The first version of your program should
    include the words in the table in the same order in which they appear in the text.

Word length	No. Of Occurences of a word
1	3
2	2
3	4
4	1
5	2
6	0

17. Once an HTML page completes loading it greets a user with a message 'Welcome'. When a
    user leaves this page, the 'Good-bye' alert box is displayed.

18. Write a Javascript code block, which validates a username and password against hard coded values.
   If either the name or password field is not entered, display an error message showing:
   "You forget one of the required fields. Please try again."
   In case, the fields entered do not match the hard coded values, display an error message showing:
   "Please enter a valid username or password"
   If the fields entered match, display the following message:"Welcome (username)".