PARUL UNIVERSITY - FACULTY OF IT & COMPUTER SCIENCE

Department of Computer

Application

1st Sem BCA PROGRAMME

Fundamentals of Web Development (05101103)

<u>Lab Manual</u>

1. Create a webpage that prints your name to the screen.
2. Create a webpage and set its title to "This is a webpage".
3. Create a webpage that prints the message "When was this webpage created? Check page's title for the answer." to the screen, and set the title of the page to the current date.
4. Create a Webpage that print your name address details in green. Also use line break tag in this. Use Bold, Italic and Underline in your name.
5. Print the 10 names, each name must be different color.
6. Print the 3 name and each of them are in different style font.
    1) Arial Narrow
    2) Verdana
    3) Tahoma
7. Print a below paragraph. Each sentence should be a different font.

HTML stands for Hyper Text Markup Language. It is the core language of the world wide web and is used to define the structure and layout of web documents by using various tags and attributes. Although a fundamental language of the web, HTML is a static language - content created with it does not change.HTML is used to specify the way webpages look, not how they function.

8. Print below paragraph that is a description of a book, include the title of the book as well as its author. Names should be underlined, italic and bold.

One particular book which is recommended reading is The Street Lawyer by John Grisham. This book is about a lawyer who begins re-evaluating his priorities in life when a bad incident occurs within his law firm. Consequently, he becomes acquainted with the inner city streets, and realizes the harsh existence of the homeless, and vows to give them a chance in the courts. The Street Lawyer is a great book. It is well written and interesting. Other books by John Grisham include The Firm, The Pelican Brief, and The Client.

9. Print "Orange" to the screen with every letter being a different heading size.

O

R

A

N

G

E

10. Print the squares of the numbers 1 - 10. Each number should be on a separate line, next to it the number 2 superscripted, an equal sign and the result. (Example: $10^2 = 100$)
11. Prints 10 names with a line break between each name. The list should be alphabetized, and to do this place a subscripted number next to each name based on where it will go in the alphabetized list. (Example: $Alan_1$). Print first, the unalphabetized list with a subscript number next to each name, then the alphabetized list. Both lists should have an <h1> level heading.
12. Print your name to the screen with every letter being a different heading size.
13. Write a program Write a program to get following output :

An ordered list with numbers (default):

1. Telephone
2. Cellular phone
3. Television
4. Fax machine

An ordered list with lowercase letters:

a. Telephone
b. Cellular phone
c. Television
d. Fax machine

An ordered list with uppercase letters:

A. Telephone
B. Cellular phone
C. Television
D. Fax machine

An ordered list with lowercase roman numerals:

i. Telephone
ii. Cellular phone

        iii. Television
        iv. Fax machine

An ordered list with uppercase roman numerals:

      I. Telephone
      II. Cellular phone
      III. Television
      IV. Fax machine

14. Write a program to get following output :
An unordered list with disc bullets (default):

- Telephone
- Cellular phone
- Television
- Fax machine

An unordered list with square bullets:

- Telephone
- Cellular phone
- Television
- Fax machine

An unordered list with circle bullets:

o Telephone
o Cellular phone
o Television
o Fax machine

15. Write a program to get following output :
- Color
  1. Red
  2. Black
  3. Yellow
- Fruits & Vegetable
  i.   Fruits
      F.   Banana

      G.   Orange

      H. Apple

<ol style="list-style-type: upper-roman">
Pineapple

<ol style="list-style-type: lower-roman" start="2">
Vegetables
  - Brinjal
  - Okara
  - Cabbage

16. Prints an h1 level heading followed by a horizontal line whose width is 100%. Below the horizontal line print a paragraph relating to the text in the heading.
17. Print some preformatted text of your choosing.
18. Print a definition list with 5 items.
19. Create links to five different pages on five different websites that should all open in a new window.
20. Display five different images. Skip two lines between each image. Each image should have a title.
21. Display an image that has a border of size 2, a width of 200, and a height of 200.
22. Display an image that when clicked will link to a search engine of your choice (should be opened in a new window).
23. Display an image that when clicked will link to itself and will display the image in the browser by itself.
24. Create some links to various search engines (google, yahoo, altavista, lycos, etc).
25. Create a page with a link at the bottom of it that when clicked will jump all the way to the top of the page.
26. Create a page with a link at the top of it that when clicked will jump all the way to the bottom of the page. At the bottom of the page there should be a link to jump back to the top of the page.
27. Write a Program to demonstrate hyperlinks on mail.
28. Write a code to display following output by using special character
     P   A   R   U   L
29. Write a program to demonstrate inline stylesheet.
30. Write a program to demonstrate internal stylesheet.
31. Write a program to demonstrate external stylesheet.
32. Write a program to demonstrate CSS Comment
33. Write a program to demonstrate all font property by using external stylesheet.
34. W.A.P to demonstrate class selector.
35. W.A.P to demonstrate ID Selector
36. W.A.P to demonstrate HTML Selector.
37. W.A.P to insert an image via css and vertically repeat it. Also add background color in web page.
38. Write a program to demonstrate all text property by using inline stylesheet.
39. Write a program to demonstrate all list property by using external stylesheet.
40. Write a program to demonstrate all margin property by using internal stylesheet.
41. Write a program to demonstrate all padding property by using external stylesheet.
42. Write a program to demonstrate all border property by using external stylesheet.
43. W.A.P to demonstrate only top and bottom border. Top border color should be red and bottom border color should be blue. Top border style should be dashed and bottom should be double.
44. W.A.P to demonstrate border only 3 side. All three side have different border type.

45. W.A.P to demonstrate thumbnail. Image should be open in new tab.
46. W.A.P to demonstrate hyperlink CSS Style.
47. Write a program to create following table.

Name	Post	Salary
Geeta	Manager	20000
Ravi	clerk	5000
Mohan	clerk	5000
Shyam	Clerk	5000

48. Write a program to get following output.

Name	Post	Salary
Geeta	Manager 20000	
Ravi	clerk	5000
Mohan	clerk	5000
Shyam	Clerk	5000

49. Write a program to get following output.

Name	Post	Salary
Geeta	Manager	20000
Ravi	clerk	5000
Mohan		5000
Shyam	Clerk	5000

50. Write a program to get following output.

TIME	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
			AT PO LIMDA, Ta. Waghodia.			
			CLASS TIME TABLE			
			CLASS: B.C.A. SEM- II Division-A			
ACA YR: 2014-15						W.E.F.: 1/1/15
TIME	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
9:30 to 10:30 AM	CS-12 VB L-2,3 MR,PB	CS-07 DS GD	CLASS TEST	CS-08 VB MR	CS-10 COA SB	CLASS TEST
10:30 to 11:30AM		CS-09 COA SB	CS-09 COA SB	CDC MATHS	CS-08 VB MR	CS-07 DS GD
11:30-12:30 PM		CDC	CS-10 MATHS	CS-07 DS GD	B-3 PRE GD	CS-09 COA SB
RECESS (12:30 TO 1:30 PM)						
1:30 to 2:30 PM	CS-07 DS GD	CS-10 MATHS	CS-11 DS L-2,3 GD, UD	B-2 PRE SB	CS-07 DS GD	CS-08 VB MR
2:30 to 3:30 PM	CS-09 COA SB	B-1 PRE MR		CS-08 VB MR	CS-10 MATHS	CDC
3:30 to 4:30 PM	CS-10 MATHS	LIBRARY		CS-10 MATHS	CS-08 VB MR	

51. Write a program to get following output.

52. Create following user registration form

Account Information

Login Name*	_____
Password*	_____
Confirm Password*	_____
Email Address*	_____
Confirm Email*	_____

Contact Information

First Name*	_____
Last Name*	_____
Address 1*	_____
Address 2	_____
City*	_____
State or Province*	Select... ▼
Zip*	_____
Country*	_____
Gender*	○ Female ○ Male

Misc. Information

Annual Household Income	Select... ▼
Interests	☐ Shopping/fashion ☐ Sports ☐ Travel
Eye Color	☐ Red ☐ Green ☐ Brown ☐ Blue Gold

Submit   Reset

53. Create following form.

54. Create following student registration form with proper validation. Use CSS for formatting effect.

STUDENT REGISTRATION FORM

FIRST NAME	[_____] (max 30 characters a-z and A-Z)
LAST NAME	[_____] (max 30 characters a-z and A-Z)
DATE OF BIRTH	Day: [▾] Month: [▾] Year: [▾]
EMAIL ID	[_____]
MOBILE NUMBER	[_____] (10 digit number)
GENDER	Male ⦿ Female ⦿
ADDRESS	[_____]
CITY	[_____] (max 30 characters a-z and A-Z)
PIN CODE	[_____] (6 digit number)
STATE	[_____] (max 30 characters a-z and A-Z)
COUNTRY	India
HOBBIES	Drawing ☐ Singing ☐ Dancing ☐ Sketching ☐ Others ☐ [_____]

QUALIFICATION

Sl.No.	Examination	Board	Percentage	Year of Passing
1	Class X			
2	Class XII			
3	Graduation			
4	Masters			
		(10 char max)	(upto 2 decimal)	

COURSES APPLIED FOR: BCA ⦿ B.Com ⦿ B.Sc ⦿ B.A ⦿

Submit Reset