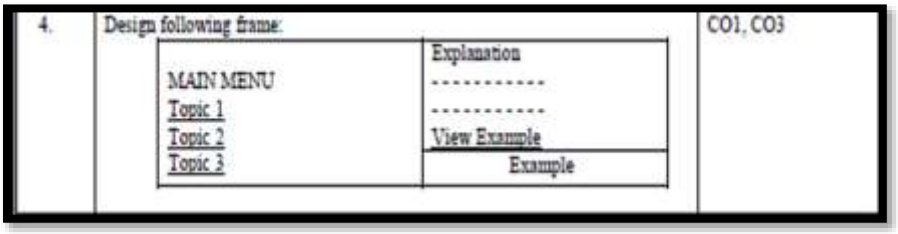
Vivekananda School of Information Technology

WT LAB Assignment
Faculty Name: Dr. Anupama Jha

Subject: Web Technologies Lab, BCA 175 **BCA 1st Semester**

1.	Make 5 different web pages out of which first page is your home page with links to other four pages. The rest of the pages should have following : i) Formatting styles and headings: include bold, italics, underline, strike, subscript, superscript and all six types of headings ii) about font styles and image tag. iii) Marquee: Move text, image and hyperlink. iv) Other tags: br, hr, pre and p Include the following specifications: • In all these webpages only mention about use, attributes apply them. • Insert a background image on home page. • Make all the topics as hyperlinks on this page and go to some other page for description • Insert a marquee showing "HTML TUTORIAL" as moving text. • Use different font style for different topics • On every page, make a hyperlink for going back to home page and internal link also.	CO1, CO3
2	Create an unordered list nested inside ordered list and apply the following: • Insert an image of Main item on top right corner of web page. • Display heading as Marquee. • Use different font styles and colors for different ordered list items. • Insert Horizontal lines after each ordered item.	CO1, CO3
3.	Design a table with row span and column span and make use of attributes colspan, rowspan, width, height, cellpadding, cellspacing etc.	CO1, CO3
4.	Design the following frame using HTML and CSS:  Take Topic 1: Covid-19 and its variants Topic 2: India in Covid 19 Topic 3: Precautions to be taken in Covid 19	CO1, CO3

5.	Make an image map showing the usage of shape, cords, href attributes in map. Link each hotspot to their respective details. All the web pages should be designed with proper background color, images, font styles and headings.	CO1, CO3
6	Design Student Registration Form for admission in college.	CO1, CO3
7	Create a webpage and show the usage of inline, internal and external stylesheets.	CO1, CO3
8	Create a webpage containing a background image and apply all the background styling attributes.	CO1, CO3
9	Create a webpage containing various Bootstrap typography classes.	CO1, CO3
10	Create a webpage containing various different Glyphicons.	CO1, CO3
11	Write a program to show the usage of inbuilt functions and dialogue boxes	CO2
12	Write a program to Implement event handling using onclick, onmouseover and onmouseout events	CO2
13	Write a Java script program to show the usage of all the date, math and string objects	CO2
14	WAP to format the Teacher details in XML with CSS using external DTD	CO1, CO3
15	Design a website and apply all the features of HTML, CSS, Javascript and bootstrap to make website attractive.	CO4

Course Code: BCA 175
Course Name: Practical-III Web Tech Lab

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LEARNING OBJECTIVES:
In this course, the learners will be able to develop expertise related to:
1. Apply the Semantic Structure of HTML, javascript, CSS, bootstrap and XML.
2. Design forms and tables using HTML, CSS and bootstrap.
3. Design Client-Side programs using JavaScript
4. Design and develop static Web page.

PRE-REQUISITES: None.

COURSE OUTCOMES (COs):
After completion of this course, the learners will be able to:

CO #	Detailed Statement of the CO	BT Level	Mapping to PO #
CO1	Develop static web pages through HTML, CSS, JavaScript, bootstrap and XML.	BTL3	PO4, PO5
CO2	Implement different constructs and programming techniques provided by JavaScript.	BTL1,BTL3	PO4, PO8
CO3	Adapt HTML, CSS, javascript, bootstrap and XML syntax and semantics to build web pages.	BTL1,BTL5	PO4
CO4	Develop Client-Side Scripts using JavaScript to display the contents dynamically	BTL3	PO4,PO5