

-ASSIGNMENT NO. 1

Case study 8-Before coding of the Website, planning is important. Students should visit different Websites for different client projects & note down the evaluation results for the Websites. Objective :-Understand the features required to evaluate a Website. Theory 3-For evaluation of Website following points can be considered. 1). Usability:-> one of the most important aspect of wheb design is actually making the site usable for the average user.

2). Speed 6-

your entire company:

Despite the insane technology involved with connecting people to various pages all around the world.

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3). Aesthetics & Feel of your page is just as important as the functionality.

> Don't overdo it with color schemes & crazy images like 1990's, just have simple, sharp & decent looking Webpages. 4) Content :-> Users are very picky.
> Even if your Mebpage is easily accessible functions Well, Marks quickly, & looks great, they still whon't be pleased unless you have compelling & engaging content on your site. 5). Contact info:
> Nothing roakes customers angrier than not being able to contact a business when they want to. 6) Website Maintenancesrevery page on your site should work 100% of the time. 7). Mobile friendly it

> Tust like your Ucompany should be online, your

Webpage Should function on mobile devices. Conclusion: - | xle have learned the points required to evaluate any Website.

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ASSIGNMENT NO. 2

THE 8- HTML, CSS.

Objectives:
① Understand about basic concept of httpl.
②. Understand the basic concept of css.

Problem statement 3-

> Implement a Web page index, htm for any client Website.

Outcome :-

students will be able to:

3) Design static Hebpage using html.
2) Apply CSS to HTML pages.

Theory concepts &-

> HTML is the Standard markup language for creating Heb pages.

2 HTML stands for Hypertext Markup Language. > It describes the structure of Web pages

> Its elements are building blocks of pages.

> HTML elements are represented by tags.

> HTML tags label pieces of content such as 'heading', paragraph, table & so on.

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|-------------|--|------------------|--|--------|
| | HTML versions :- | | The state of the s | 12 The |
| Faller | | MARIE | | 1 |
| | HTML | 1991 | | / |
| | HTML 2.0 | 1995 | 14 35 0/14/1 | 1 |
| | HTML 3.2 | 1997 | | 1 |
| | HTML 4.01 | 7 9 9 9 | 2 invitatidos ? | |
| | HTML | 2000 | tological | |
| | HTML 5 | 2014. | Land saladit. | |
| | | | 4 | |
| | CSS :- | - fresteld | t anthort | |
| 130+ | > Css stands for cascading style sheets. > It is nothing, but design language intended to process of making it presentable > Css handles the feel & look part of Web | | | |
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| | | | | |
| | page, by using css, one can control the layout design. | | | |
| | rayour design. | And and and | E A STATE OF THE S | |
| | Advantages of c | 255 :- | | |
| | > Saves fine > Pages load faster. > Easy maintenance. > Offline browsing | | | |
| | | | | |
| 54 | > Multiple device compatibility > Platform indonesions | | | |
| • | Global Web Standar | ds. | | 4 |
| The Filters | 0000 2424 | fully made to be | HE HENRY | - |
| | CSS3 Modules:- > Box Model > Selector | | | |
| | 20-1-1 | | ector | |
| and the | > Text effects | | rder | |
| | > 2D13D Todosformation > User Interface. | | | |
| | > Trong vals & replaced content, > Multiple col Lauput. | | | |
| | | , , , , , | The same and a same a s | |
| THE RESERVE | | | ADYPSOE, PUNE | 100 |
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Line



Technology Tools :-> The <!DOCTYPE html> declaration defines this document to be HTML5. > The < html> element is the root element. > rhead> contains meta info. about the document. > < title> Specifies a title for the document. > <body> contains the visible page content,
> < h t> defines a large heading,
> defines a paragraph.
> HTML tags & elements are surrounded by angle brackets. 3 Ways to add CSS in HTML.). Inline 6-> By using the style attribute in html elements > It is used to apply a unique style to a single html doc. reg:
<h1 style = "color:blue;">
 heading <1</pre> This is blue heading <1/1> (2) Internal :-> By using xstyle> element in the xhead> section.
> An internal css is used to define a Style for a single html page. >eq- retyle> body { background-color : yellows} ht & color: blue &} // Style>



> By using external CSS file.
> An external Style sheet is used to define the style for many HTML pages.
> eg- < link rel = " stylesheet" (3). External 8href = " Style. c3s"> 1) Write html code in notepad & save with the html.

3) Write the css code in notepad save with css.

3) Import css file in html page.

4) Open html page in the browser. Design | Execution steps :-Conclusion :-Hence, He have designed static laleb pages using html & CSS.



ASSIGNMENT NO. 3.

THE: XML, DTD & CSS/XSL.

Problem Statement 3-

Design the XML document to Store the information of the employees of any business organization & demonstrate the use of 3-

@ DTD

B. XML Scherod

And display the content in by using css/xsL.

Outcomes:students will be able to:-

> Design Static Webpage using XML > Apply DTD to XML pages.

> Apply CSS/XSLT to XML pages.

Theory 6-

>XML Stands for extensible Markup Language >It is nothing but the text-based markup language. Which is derived from

standard Generalized Markup Language.

> XML is not going to replace html in the near feature, but it introduces new possibilities by adopting many successful features of HTML.

There are 3 iroportant characteristics of XML 1 XML carries the data, does not present it. 3. XMI is public standard. Technology / Tool :-The XML doc have an XML declaration, but it is optional, & it is written ds-Where version is nothing but the version of an XMI document & UTF specifies the character encoding used in the document. XML attributes 3-An XML element can have one or more attributes-Xa href = "http://www.google.com 1">
XML Tutorial <1a>. Here haref is the attribute name & http://www.google.com / is attribute value. > A DTD is a Document Type Defination. > A DTD defines the structure & the legal elements & attributes of an XML document. > An application can use a DID to verify that XML data is valid.

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An internal DID declarations-< LOCTYPE note [KIELEMENT note Cto, from, heading, body)> KLELEMENT to C# PCDATA) <! element from (#PCDATA) <! element heading (# PCDATA) <note> <to> neha <1to> < heading> Reminder </heading> <1note> > XIL - extensible stylesheet Language) is a styling language for XMI.
> XSLT stands for XSL Transformation.
> Note: - < XSL: Stylesheet & < XSL: transform> are completely synonymous & either can be used. Design | Execution steps:-District the XML code in notepad & execute.

Save With .XMII extension.

(2) Ixloite the DTD in notepad & save it 1xlith .dtd extension. @ Write XSLT code in notepad & save with .XSl. 9. Open xML page in browser.



Test Cases:

> Manual testing is used to check Whether

**XSLT gets applied or not.

> Eclipse Validates function used to check

ixhether DTD gets applied or not. Hence, We have designed statie
Which pages using XML, XSLT/CSS &