

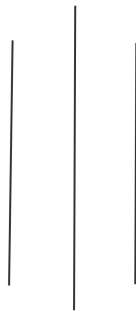
NEPAL COLLEGE OF INFORMATION TECHNOLOGY

Balkumari, Lalitpur



A Lab Report On

Subject:- Web Technology



Lab Report # 1.

Title: - Introduction to HTML

Submitted by:-

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Semester:-II

Submitted to:-

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VS Code

Visual Studio Code, commonly known as VSCode, is a free and open-source code editor developed by Microsoft. It supports a wide range of programming languages, and features include debugging, syntax highlighting, and Git integration. Its popularity has made it one of the most widely used code editors among developers.

Theory: -

- HTML was developed by Tim Berners-Lee in late 1991 s.
- HTML stands for Hypertext Markup Language. It is a formatting language which uses tags for preparing documents.
- The structure of HTML is based on a system of tags and attributes that define the elements of a web page.
- It is used to design the structure of the webpage using tags and elements , it provides basic frame to the webpage.
- There are many text editors can be used to create HTML files and must be saved with extension .htm or .html but html is more preferred.
- The proper use of tags and attributes is essential for creating well-structured and accessible HTML documents

Structure Of HTML:

```
<!Doctype html> -----> Doctype declaration
<html> ----->Root element
<head> ----->head(open)
<title>Title of webpage</title> ----->title element
</head> ----->head (close)
<body> -----> body(close)
<h1>heading</h1> ----->heading element
<p>content</p> ----->paragraph element
</body> ----->body(close)
</html> ----->Root(close)
```

HTML Editors:-

VS Code, Sublime text, Notepad, Notepad++, etc are some HTML editors.

HTML Tags: - HTML tags are like a set of keywords that defines how the page will be formatted and displayed in a web page. There are two types of tags they are

1. **Paired tags:** Tags that have both opening and closing tags .
Eg:<p>content<p>
2. **Unpaired tags:** Tags that have only single tags

Element Name	Description
	Used to bold text
	This is a logical tag, which tells the browser that the text is important.
<i>	This is a physical tag which is used to make text italic
<mark>	This tag is used to highlight text.
<u>.	This tag is used to underline text written between it
<tt>	This tag is used to appear a text in teletype.(not supported in HTML5)
<strike>	This tag is used to draw a strikethrough on a section of text. (Not supported in HTML5)
<sup>	It displays the content slightly above the normal line.
<sub>	It displays the content slightly below the normal line.
	This tag is used to display the deleted content.
<ins>	This tag displays the content which is added
<big>	This tag is used to increase the font size by one conventional unit.
<small>	This tag is used to decrease the font size by one unit from base font size.

	This tag is used to add a line break.
<hr>	This tag is used to insert horizontal lines.
<h1>	It is used to specify the heading.
<dfn>	It specifies the topic going to be defined.
<blockquote>	Used to specify if copied from another source.
<q>	This tag is used for short quotations.
<kbd>	This tag is used to define keyboard input
<code>	This tag is used to define pieces of computer code.
<address>	Used to provide address of author/owner
<!--comment-->>	Used to write comment in HTML
	This is a logical tag which is used to display content in italic.

Question-1

code:-

```
File Edit Selection View Go Run Terminal Help
Welcome ex.html example.html 1lab.html
example.html > 1lab.html > html > body > h2 > u
1 <!DOCTYPE html>
2 <html lang="en">
3 <head>
4   <meta charset="UTF-8">
5   <meta http-equiv="X-UA-Compatible" content="IE=edge">
6   <meta name="viewport" content="width=device-width, initial-scale=1.0">
7   <title> ABIRAL CHAUDHARY</title>
8 </head>
9 <body>
10  <h1 style="color: red;"> this is my 1's lab
11  </h1>
12  <h2>
13  <u>
14    i am writting HTML Code |
15  </u>
16 </h2>
17  <h3> <pre>
18    NAME: abiral chaudhary
19    faculty: techonology and science
20    Roll NO: 02
21  </pre></h3>
22  
23  <p u>Lorem ipsum dolor sit amet consectetur adipisicing elit.
24    Magni assumenda natus, dicta explicabo pariatur laboriosam hic?
25    Quod eum quis autem itaque rem officia, harum unde,
26    voluptates vitae libero veritatis nulla.</p>
27
28 </body>
29 </html>
```

output:-

this is my 1st lab

i am writting HTML Code

NAME: abiral chaudhary
faculty: techonology and science
Roll NO: 02



My name is Abiral Chaudhary .I am from bardiya and currently living in bhaktapur for study purpose.
currently i am reading bechalar of software enginnering in NCIT college.
I am in 2nd semester.I am football player.

