

NEPAL COLLEGE OF INFORMATION TECHNOLOGY
BALKUMARI LAITPUR

A Lab Report

On

Web Technology

Lab Report #06

Title: Introduction to HTML

Submitted By

Name: Bikram Khatri

Roll no: 201543

Faculty: BEET

Semester: III

Submitted To:

Instructor: Simanta Dasgupta

Department of IT Engineering

Submission Date: 2022-12-19

OBJECTIVE !

study of basic HTML tags.

Theory.

- HTML stand for Hypertext markup language
- It is a standard markup language for defining structure of a webpage.
- Hypertext refers to any text/ media that connects multiple pages / documents on the web.
- Markup is what tags do to the content inside them. It markup the content and display it in different forms.
- HTML is not a programming language.

Basic structure of HTML

```
<!DOCTYPE html> -----> Doctype Declaration  
<html> -----> Root element  
  <head> -----> head  
    <title> This is Title </title> -----> title element  
  </head> -----> head (close)  
  <body> -----> body (open)  
    <h1> This is heading </h1> -----> heading element  
    <p> This is paragraph </p> -----> paragraph element  
  </body> -----  
</html> -
```

1) Doctype Declaration (<!DOCTYPE html>)

it tells the browser that the document is HTML5 document

2. Root element (<html>)

HTML tags are written inside root element.

3) Head <head>

It is not displayed in webpage.

It is used to provide title, metadata etc.

4. Title <title>

It defines the title of the webpage.

5. Body <body>

Everything that needs to be displayed in the webpage are written inside body.

6. Heading <h1> to <h6>

It defines heading of different sections.

It is bold with bigger font size.

Anatomy of HTML Element

<opening tag> content </closing tag>

↓ example

<h1> This is heading </h1>

some basic HTML tags

SN	Tags	uses
1.	<h1> </h1> to <h6> </h6>	Define heading
2.	<p> </p>	Define paragraph
3.		Insert an image
4.		Insert a hyperlink
5.	 	Define unordered list
6.	 	Define ordered list
7.	<table> </table>	Define table
8.	<form> </form>	Define form

HTML Text formatting:

1. $\langle b \rangle \langle /b \rangle$ \Rightarrow Bold
 ^{or}
 $\langle strong \rangle \langle /strong \rangle$
2. $\langle i \rangle \langle /i \rangle$ \Rightarrow Italic
 ^{or}
 $\langle em \rangle \langle /em \rangle$
3. $\langle mark \rangle \langle /mark \rangle \Rightarrow$ mark the text
4. $\langle pre \rangle \langle /pre \rangle \Rightarrow$ Display text in preformatted way
5. $\langle code \rangle \langle /code \rangle \Rightarrow$ Display the code.
6. $\langle kbd \rangle \langle /kbd \rangle \Rightarrow$ Display the keys of keyboard
7. $\langle sub \rangle \langle /sub \rangle \Rightarrow$ subscript (eg: H_2O)
8. $\langle sup \rangle \langle /sup \rangle \Rightarrow$ superscript (eg: $(a+b)^2$)
9. $\langle u \rangle \langle /u \rangle \Rightarrow$ Underline the text
10. $\langle strike \rangle \langle /strike \rangle \Rightarrow$ strike the text.

```
one.html x hii.html public class Main { Untitled-1
home > vikram > practicehtml > one.html > html > body > ul > li > ul
1 <!DOCTYPE html>
2 <html>
3 <head>
4 <title>Eyes</title>
5 </head>
6 <body>
7 <h1> Eyes</h1>
8 <center>
9 
10 </center>
11 <center><p><i> <b><q>When there are no words, let your eyes do the talking</q></b> </i></p></center>
12 <h3>Introduction</h3>
13 <p>Eyes are the <b>chief organs of vision</b> in human body and hence termed as<mark> photoreceptors</mark>. </p>
14 <p>The paired eyes in man are located inside <i>bony sockets of skull called orbits</i></p>
15 <p>An eye is almost a spherical ball, guarded by two eye lids: upper eye lid and lower eye lid which can move frequently.</p>
16 <h3>Eyes compoments</h3>
17 <ul>
18 <li>External components
19 <ul>
20 <li>Iris</li>
21 <li><del>Retina</del> Pupil</li>
22 <li>Sclera</li>
23 <li>Cornea</li>
24 </ul>
25 </li>
26 <li>Internal components
27 <ul>
28 <li>Choroid</li>
29 <li>Retina</li>
30 <li>Vitreous humour</li>
31 <li>Optic Nerve</li>
32 </ul>
33 </li>
34 </ul>
35 <center>
36 <p>&copy; <b> Bikram Khatri</b></p>
37 <p>NCIT</p>
38 </center>
39 </body>
40 </html>
41
```

Eyes



"When there are no words, let your eyes do the talking"

Introduction

Eyes are the **chief organs of vision** in human body and hence termed as **photoreceptors**.

The paired eyes in man are located inside *bony sockets of skull called orbits*

An eye is almost a spherical ball, guarded by two eye lids: upper eye lid and lower eye lid which can move frequently.

Eyes components

- External components
 - Iris
 - ~~Retina~~ Pupil
 - Sclera
 - Cornea
- Internal components
 - Choroid
 - Retina
 - Vitreous humour
 - Optic Nerve

© Bikram Khatri

NCIT