

Web Page Designing Using HTML





Agendas Today

1. Introduction to Web Page Designing using HTML
 2. Introduction to HTML
 3. HTML Tags, Attributes, Headings, Paragraphs and Images
 4. Describe the process to work with HTML
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Introduction to Web Page Designing



WHAT IS A WEB PAGE?

The Internet Page displayed on the website is called **A Web Page**.

Some Examples are:

facebook

Email or Phone

Password

Log In

[Forgot account?](#)

Recent Logins

Click your picture to log in.



Mahesh

eg 1:

<https://www.facebook.com/>

Create a New Account

It's free and always will be.

First name

Last name

Mobile number or email

New password

Birthday

Sep

4

1999

Why do I need to provide my birthday?

Female

Male

By clicking Create Account, you agree to our [Terms](#) and that you have read our [Data Policy](#), including our [Cookie Use](#). You may receive SMS Notifications from Facebook and can opt out at any time.

Create Account

Activate Windows
Go to Settings to activate Windows

eg 2:
<https://www.google.com.np/>



Google Search I'm Feeling Lucky

Google.com.np offered in: नेपाली

01-4912354 | info@ovps.edu.np



Om Vajra Public School
...OVPS is transforming to RITAMVARA SCHOOL

eg 3:

<https://ovps.edu.np/>

- Home
- About Us
- School Attributes
- Admission
- Creative Corner
- Gallery
- Contact Us
- Suggestion



Welcome to OVPS

Introduction to Web Page Designing

A web page may include different **Data** and **Information** based on:

- I. Title, Heading and Paragraph
- II. Images, Audios and Videos
- III. Schedules of Events
- IV. Search Forms
- V. Sign Up and Login Forms etc



Introduction to HTML



- HTML Stands for **H**ypertext **M**arkup **L**anguage
- The language for building Web Pages
- Describes the **structure of Web pages** using markup language
- **HTML elements** are the **building blocks** of HTML pages
- HTML elements are represented by **HTML tags**
- Some of the **Examples of HTML** tags are:

`<HTML> </HTML>`, `<HEAD></HEAD>`, `<TITLE></TITLE>`, `<BODY></BODY>`, `<H1></H1>`
`<P></P>`, ``, `<U></U>`, `<I></I>` etc.

HTML

The language for building web pages

HTML Tags

- HTML Tags are enclosed in the < and the > symbols.
- It has two pairs, an Opening tag eg. <html> and a closing tag eg. </html>.
 - A closing tag is followed by symbol '/'.
- The <html> element defines the **whole document**.
- It has a **start** tag <html> and an **end** tag </html>

```
<!DOCTYPE html>
<html>
  <head>
    <title>Welcome Nepal</title>
  </head>
  <body>
    <h1>Introduction </h1>
    <p><b>Nepal</b> is a beautiful country in South Asia.</p>
  </body>
</html>
```

Input in Notepad saved as - **Nepal.html**

Introduction

Nepal is a beautiful country in South Asia.

Output in a Web browser
- Google Chrome

HTML Tags Explained

- I. The `<!DOCTYPE html>` declaration defines this document to be HTML5
- II. The `<html>` element is the root element of an HTML page
- III. The `<head>` element contains title of document
- IV. The `<title>` element specifies a title for the document
- V. The `<body>` element contains the visible page content
- VI. The `<h1>` element defines a large heading
- VII. The `<p>` element defines a paragraph
- VIII. The `` element defines the bold of text



HTML Attributes

- All HTML elements can have **attributes**
- Attributes provide **additional information** about an element
- Attributes are always specified in **the start tag**
- Attributes usually come in name/value pairs like: **name="value"**

Example: `<body BGCOLOR = "green">` changes the background of webpage to green color

`<h1 align = "center">`



tag



attribute



value



HTML Headings

- Headings are important in HTML documents. They are the title of HTML pages
 - Headings are defined with the `<h1>` to `<h6>` tags.
 - H1 is the largest heading tag while H6 is the smallest heading tag.
 - `<h1>` headings should be used for main headings, followed by `<h2>` headings, then the less important `<h3>`, and so on
- 
- 

This is H1 heading Tag

This is H2 heading Tag

This is H3 heading Tag

This is H4 heading Tag

This is H5 heading Tag

This is H6 heading Tag

HTML Paragraphs

- The HTML `<p>` element defines a **paragraph**.
- We define `<p>` tag with **attribute** and **value** to change the properties of the paragraph

For instance:

- I. `<p align = "left">` - for **left alignment** of paragraph
- II. `<p align = "center">` - for **center alignment** of paragraph
- III. `<p align = "right">` - for **right alignment** of paragraph
- IV. `<p align = "justified">` - for **justified alignment** of paragraph



HTML Images

- In HTML, images are defined with the `` tag.
- The `` tag is empty, it contains attributes only, and does not have a closing tag.
- The `src` attribute specifies the URL (web address) of the image:

```

```

For Instance:

```
<!DOCTYPE html>
<html>
<body>

<h2>Spectacular Mountain</h2>


</body>
</html>
```

← Input in Notepad saved as - **Mountain.html**

Output in Web Browser-
Google Chrome →

Spectacular Mountain



HTML Images

- I. Use the HTML **** element to define an image
- II. Use the HTML **src** attribute to define the URL of the image
- III. Use the HTML **alt** attribute to define an alternate text for an image, if it cannot be displayed
- IV. Use the HTML **width** and **height** attributes to define the size of the image

Note: Loading images takes time. Large images can slow down your page. Use images carefully.



References

- (N. Adhikary, 2017). *Web Page Designing Using HTML*. Oasis Publication. 1st ed. Pg. 159-168. [Accessed date: 03 Sept 2017]
- (W3schools.com, 2017) *Introduction to HTML*. W3Schools.com https://www.w3schools.com/html/html_intro.asp/ [Accessed date: 05 Sept 2017]
- (Pradhan, 2017). *Om Vajra Public School - OVPS is transforming to RITAMVARA SCHOOL* <http://ovps.edu.np/> [Accessed date: 04 Sept 2017].

Any Questions?



Thank you!

