TechLift

KICKSTART YOUR CAREER

WEB ENGINEERING

.Net

Week 1 - Day 1

html: A Quick Review ↻

This week is focused on everyone (students with technical/non technical background) starting from the same ground.
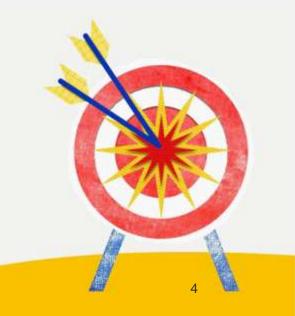
Learning Objectives

By the end of this session, the students will have developed an understanding of:

► Their first HTML Document

► Structure of an HTML Document

► Elements and Attributes

► Basic HTML Elements and Attributes

What is html? (10-15 min)

- HTML stands for Hyper Text Markup Language
- It is a markup language that is used to create web pages.
- The structure of a Web page is described in HTML.
- HTML is made up of a number of different elements.
- HTML components specify how the content should be displayed in the browser.
- HTML components are used to identify different parts of content, such as "this is a heading," "this is a paragraph," "this is a link," and so on.

Your first HTML Document

a text document with the extension.html or.htm, written between "

> "

Every HTML document includes two parts:

    ► one part that is visible to/in the browser and can't be changed directly

    ► another part contains the source code of the page

Structure of an HTML Document

```
<!DOCTYPE html>
<html>
<head>
<title>Page Title</title>
</head>
<body>
<h1>My First Heading</h1>
<p>My first paragraph.</p>
</body>
</html>
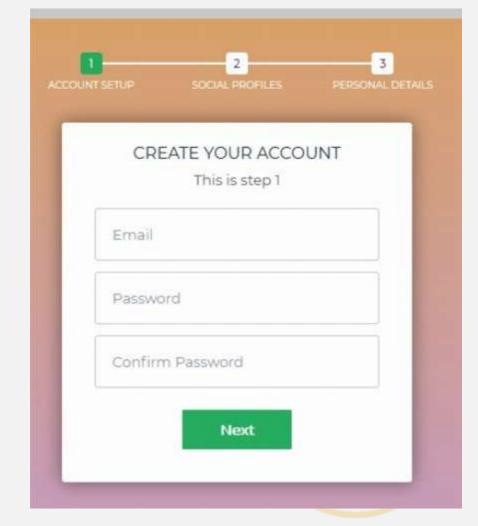```

# What is an HTML Element?

| Start tag | Element content | End tag |
|---|---|---|
| <h1> | My First Heading | </h1> |
| <p> | My first paragraph. | </p> |
| <br> | *none* | *none* |
| <img> | Html image | </img> |
| <a> | Html links | </a> |

# HTML Forms

- Form Element
- Input Element

Instructor will explain the other relevant points.

Create an html document with proper headings, paragraphs, links, and breaks

# HTML Attributes

- Attributes provide additional information about elements
- Attributes are always specified in the start tag
- Attributes usually come in name/value pairs like: name="value"

# Types of Attributes

► **The href Attribute**

► The src Attribute

► The width and height Attributes

► The alt Attribute

► The style Attribute

► The lang Attribute

► The title Attribute

► Single or Double Quotes

A complete list of all attributes for each HTML element, is listed in our: HTML Attribute Reference

Display five different images. Skip two lines between each image. Each image should have a title.

# HTML Page Structure



```
<html>
    <head>
        <title> page title </title>

    </head>

<body>
        <h1> this is heading one </h1>
        <p> this is paragraph. </p>
        <p> this is paragraph. </p>
    </body>

</html>
```

Create your own website and save your code online, try any free website builder.

Learning Objectives

By the end of this session, the students have practised

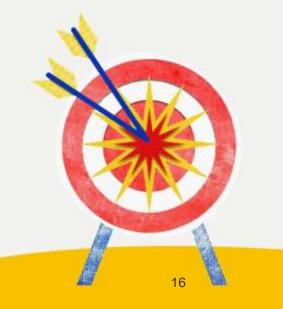✅ Their first HTML Document

✅ Structure of an HTML Document

✅ Elements and Attributes

✅ Basic HTML Elements and Attributes

Conclusion & Q/A

See you tomorrow!