

# CSE3100 (Software Development - IV)

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# Course Outline

- HTML
- CSS
- BoothStrap
- Xampp (Web Server)
- PHP
- MySQL

# Marks Distribution

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Attendance	20
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Assignment	20
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Lab Quiz ( Mid Term and Term Final)	30
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Project	30
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<b>Total</b>	<b>100</b>
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# Types of Website

A website can be of two types:

- Static Website
- Dynamic Website

# HTML

- Full form Hypertext Markup Language.
- Client side language.
- Very lightweight.
- Known as the skeleton of a webpage.

# HTML Example

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

# HTML Important Elements

- Creates headlines (h1=largest, h6=smallest)  
`<h1></h1>` → `<h6></h6>`
- Creates a new paragraph → `<p></p>`
- Used to format block content → `<div></div>`
- Creates an unordered list → `<ul></ul>`
- Creates a list item → `<li></li>`
- Adds image → ``
- Creates a hyperlink → `<a href="[link]">[hyperlink Text]</a>`

Get all Elements visit

<https://www.w3schools.com/tags/default.asp>

# HTML Attributes

- **Class** - The class attribute specifies one or more classnames for an element.

```
<h1 class="title">Welcome</h1>
```

```
<h2 class="second-title title">Hello World</h2>
```

- **ID** - The id attribute specifies a unique id for an HTML element

```
<h1 id="main-title"></h1>
```



# CSS

- Full form Cascade Style Sheet.
- Client side language.
- Mainly used to design a page.

# How to Insert CSS

- There are three ways of inserting CSS:
  - External style sheet
  - Internal style
  - Inline style

## External style sheet

```
<head>
```

```
  <link type="text/css" rel="stylesheet" href="mystylesheet.css" />
```

```
</head>
```

# How to Insert CSS

## Internal style

```
<head>
  <style>
    h1 {
      color: red;
      margin-left: 10px;
    }
  </style>
</head>
```

## Inline style

```
<h1 style="color: red; margin-left: 10px;">First Heading</h1>
```

# CSS syntax

```
h1{  
  color: red;  
  margin-left: 10px;  
}
```

Here,

h1 – Selection

color:red; – declaration

color – property

red - value

# CSS Selectors

- (dot).class – for class selection
- (hash)#id – for id selection
- (star)\* - for all html tags.

# CSS Important Property

- background
- color
- padding
- margin
- border
- width
- height
- font-size
- font-weight
- text-align

# My First Project



The Mind

Photoshop, Print Design



The Police

Illustration, Icons



The Glasses

Typography, Illustration



The Mustache

Photoshop, Icons



The Leaf

Icons, Print Design



The Shield

Illustration, Icons

# ASSIGNMENT #1

Thank You