### CSE3100 (Software Development - IV)

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### Course Outline

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

## **Marks Distribution**

Attendance	20
Assignment	20
Lab Quiz ( Mid Term and Term Final)	30
Project	30
Total	100

# 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>
    First paragraph.
  </body>
</html>
```

### HTML Important Elements

- Creates headlines (h1=largest, h6=smallest)
   <h1></h1> → <h6></h6>
- Creates a new paragraph →
- Used to format block content → <div></div>
- Creates an unordered list →
- Creates a list item →
- Adds image → <img src="[img source url]" />
- 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



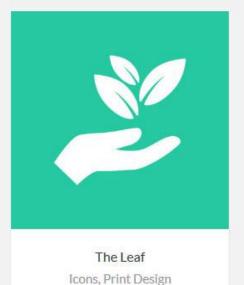
The Police



The Glasses
Typography, Illustration



The Mustache Photoshop, Icons





The Shield
Illustration, Icons

### Thank You