Basic HTML and HTML5

**Layout**

***<h1>Title</h1>***

***<h2>Heading</h2>***

***<p>paragraph</p>***

***<! - - break line -->***

***<br>***

***<! - - horizontal line -->***

***<hr>***

**HTML5**

***<main>***

***<h1>hello world</h1>***

***<p>hello world</p>***

***</main>***

**Adding img**

***<img src="image-url.jpg ">***

**Adding link**

***<a href = “https://example.com”> display text </a>***

**Adding internal links**

***<a href = ”#contacts\_section”> Contacts </a>***

***Optionally you can add target=”\_blank” in between a and href to open the link in a new tab***

***<h2 id= “contacts\_section”> Contacts </h2>***

**Adding a dead link**

***<a href = “#”> Contacts </a>***

**Turing an image into a link**

***<a href="#">***

***<img src="https://example.jpg" alt="picture of example ">***

***</a>***

**Unordered list**

***<ul>***

***<li>list-item-1</li>***

***<li>list-item-2</li>***

***<ul>***

**Ordered list**

***<ol>***

***<li>list-item-1</li>***

***<li>list-item-2</li>***

***<ol>***

**Text box**

***<input type = “text”>***

**Add placeholder into text box**

***<input type = “text” placeholder = “placeholder text”>***

**Make input required**

***<input type=”text” required>***

**Create form element**

***<form action =” url-to-submit-data.com”>***

***<input type=”text”> test-to-submit-to-url***

***</form>***

**Submit button**

***<button type= “submit”>button name </button>***

**Radio button**

***<label>***

***<input type=”radio” name=”name for the radio buttons to link them” checked> radio-button-display-text***

***</label>***

**Set of checkboxes**

***<label for = “box-1”>***

***<input id=”box-1” type=”checkbox” name=”set-of-boxes”>box-1-display-text***

***</label>***

**Basic CSS**

**Change colour of text**

***<h2 style=” color: blue;”> text </h2>***

**CSS Selectors to style elements**

***<style>***

***h2 {***

***color: red;***

***}***

***</style>***

**Using a class to style elements**

***<style>***

***.red-text {***

***color: red;***

***}***

***</style>***

**Adding a class to an element**

***<h2 class= red-text> text </h2>***

**Changing the font size of an element**

***<style>***

***h2 {***

***font-size: 30px;***

***}***

***</style>***

**Changing the font of an element**

***<style>***

***h2 {***

***font-family: sans-serif;***

***}***

***</style>***

**Importing a google font**

***<link href="https://fonts.googleapis.com/css?family=Lobster" rel="stylesheet" type="text/css">***

**Specify a backup font**

***<style>***

***h2 {***

***font-family: Lobster, sans-serif;***

***}***

***</style>***

**Size an image**

***<style>***

***.large-image {***

***Width: 500px;***

***}***

***</style>***

**Add border around an element**

***<style>***

***.thin-red-border {***

***border-color: red;***

***border-width: 5px;***

***border-style: solid;***

***}***

***</style>***

**Add border around an element**

***<style>***

***.thin-red-border {***

***border-color: red;***

***border-width: 5px;***

***border-style: solid;***

***border-radius: 10px;***

***}***

***</style>***

**Make circular images with a border-radius**

***<style>***

***.thin-red-circular-border {***

***border-color: red;***

***border-width: 5px;***

***border-style: solid;***

***border-radius: 50%;***

***}***

***</style>***

**Add background color**

***<style>***

***.green-background {***

***Background-color: green;***

***}***

***</style>***

**Add border around an element**

***<p id=”title-of-site”>***

**Using an id to style and element**

***<style>***

***#title-of-site {***

***background-color: green;***

***}***

***</style>***