HTML Notes

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1 Tags

1.1 Body Section

```
1  <body>
2  </body>
```

1.2 Bold

```
1  <p><strong>BOLD Text</strong></p>
```

1.3 Bullet List

- ul: unordered list

- li: list item

```
1  <ul>
2     <li></li>
3     <li></li>
4        <ul>
5           <li></li>
6        </ul>
7     <li></li>
8  <ul>
```

1.4 Division

Use this tag to create separate formated sections on a web page.

```
1  <div>
2  </div>
```

1.5 Document Type

This the first line of an HTML file.

```
1  <!doctype html>
```

1.6 Drop Down Menu

```
1  <select>
2     <option>Select From List</option>
3     <option>First</option>
4     <option>Second</option>
5     <option>Third</option>
6  </select>
```

1.7   File Type

```
1  <html>
2  </html>
```

1.8   Form

1.8.1   input tag

- type="checkbox"

```
1  <form>
2    <input type=''checkbox'' /> Text
3  </form>
```

- type="email"

    - This argument will automatically validate if the e-mail address is valid or not.
    - %40 is the URL encoding for the @ symbol

```
1  <form>
2    <input type=''email'' placeholder=''user@domain'' name=''variable_name
       ''/>
3  </form>
```

- type="radio"

    - This argument will add radio button.
    - The name argument will make the group of radio buttons mutually exclusive.

```
1  <form>
2    <input type=''radio'' name=''group_name'' /name=''variable_name''> Title
3  </form>
```

- type="text"

    - If you use the argument value="default text" the user will have to erase the default text before typing. The argument placeholder will show up as a hint and will disappear when the user clicks on the form.
    - If you want the user to enter a large section of text use the textarea tag in a form.

```
1  <form>
2    <input type=''text'' placeholder=''default text'' /name=''variable_name
       ''/>
3  </form>
```

- type="submit"

    - Once button is pressed the data in the forms is converted using URL encoding.

```
1  <form>
2    <input type=''submit'' value=''Text on Button''/>
3  </form>
```

1.8.2   textarea tag

This tag allows a larger window for the user to type into.

```
<textarea>optional text content</textarea>
```

1.9   Head Section

```
<head>
</head>
```

1.10   Headers

```
<h1></h1>
<h2></h2>
<h3></h3>
<h4></h4>
<h5></h5>
<h6></h6>
```

1.11   Horizontal Line

```
<hr />
```

1.12   Images

- For a locally stored image:

```
<img src=''images/picture.png''/>
```

- For an image that is loaded from another location on the internet:

```
<img src=''url ofimage file ''/>
```

- To set the width of an image in pixels:
    - Note: Aspect ratio will be maintained.
    - 100 is about right for a thumbnail

```
<img src=''images/picture.png'' width=''100''/>
```

- To set the height of an image in pixels:
    - Note: Aspect ratio will be maintained.

```
<img src=''images/picture.png'' height=''100''/>
```

- To set the height and width of an image in pixels:
    - Note: Aspect ratio will not be maintained.

```
<img src=''images/picture.png'' height=''500'' width=''100''/>
```

1.13 Italics

- em: stands for emphasis

```
1 <p><em>Italics text</em></p>
```

1.14 Line Break

```
1 <br />
```

1.15 Meta Data

```
1 <meta charset=``utf-8''/>
2 <meta http-equiv=``Content-type'' content=``text/html; charset=utf-8''/>
3 <meta name=``viewport'' content=``width=device-width, initial-scale=1''/>
4 <meta description= content=``Enter Description Here''/>
```

1.16 Numbered List

- ol: ordered list

- li: list item

```
1 <ol>
2   <li></li>
3   <li></li>
4     <ol>
5       <li></li>
6     </ol>
7   <li></li>
8 <ol>
```

1.17 Paragraph

```
1 <p>
2 </p>
```

1.18 Strike Through

```
1 <strike>Strike Through Text</strike>
```

1.19 Title

```
1 <title>This is the Title</title>
```

1.20 Underline

```
1 <u>Underlined Text</u>
```