HTML-INTRO

```html
<!DOCTYPEhtml>
<htmllang="en">
<head>
<metacharset="UTF-8">
<title>Title</title>
</head>
<body>
<!--commentsection-->
</body>
</html>
```

```
Basically html consists of head and body
1.head - for meta data and css ,js integreations
2.body - main code for web desiging
=============================================

Chapter 2 basic tags:


H1 to H6 heading tag ranges
Size decreases
```
```html
<h1>HEADING1</h1>
<h2>HEADING2</h2>
<h3>HEADING3</h3>
<h4>HEADING4</h4>
<h5>HEADING5</h5>
<h6>HEADING6</h6>
```
```
-------------------------------------------------

<p> for either paragaraph or use separate tags for each
sentences as it creates an individual space

```
```html
<p>
This has its sepearate space
Incase if you want have
Write in seperate lines
</p>
<p>line1fromotherptag</p>
<p>line2fromotherptag</p>
```
```
-----------------------------------------
```

strong tag is for bold

`<p><strong>`usingstrongtagforbold,oldoneisbtag`</strong>`
`</p>`
em tag is for italics
`<p><em>`usingemtagforitalicsoldoneisitag`</em></p>`
============end of basic tags================

List in html

Ordered list
Created a numeber for each li inside ol tag
`<h1>`LISTS`</h1>`
`<h3>`orderedlistexample:userslistwise`</h3>`
`<ol>`
`<li>`user1`</li>`
`<li>`user2`</li>`
`</ol>`

Ordered list
Created a bullet point for each li inside ul tag

`<h3>`un-orderedlistexample:grocesseries`</h3>`
`<ul>`
`<li>`bread`</li>`
`<li>`peanutbutter`</li>`
`<li>`apples`</li>`
`<li>`rememberthislistandaddtocart`</li>`
`</ul>`

Complex lists
We can use both combinedly to create complext listing
structure according to the use
`<h3>`complexlist,usingbothorderedandunorderedlist`</h3>`>
`<h4>`differentshopsandrandomitems`</h4>`
`<ol>`
`<li>`shopA`</li>`
`<ul>`
`<li>`fruits`</li></li>`vegitables`</li>`
`</ul>`

`<li>`shopB`</li>`
`<ul>`
`<li>`waterbottles`</li>`
`</li>`writingpad`</li>`
`</ul>`

```
</ol>
</body>
</html>
```

Final output for the above code

LISTS

ordered list example:users list wise

1. user1
2. user 2

un-ordered list example:grocesseries

- bread
- peanut butter
- apples
- remember this list and add to cart

.

complex list,using both ordered and unordered list

>

different shops and random items

1. shop 1
    ○ fruits
      vegitables
2. shop 2
    ○ water bottles
      writing pad

=====end of the chapter html lists=====================

DIV AND SPAN :


```
<!--divandspanalsoexplainedinthesession-->
<divclass="container1">
<p>
This isa div class
So that I ca nappply any styles in future
Specific to this container using css
```

```
</p>

</div>
<p><span>this is span used for in line
identification</span></p>

Div and span are used for container kind of room
On larger and in line levels so that in future we can
style them particulary identfying with class names using
css or bootstrap etc
---------------------------
Html most common tags

<p>displaying image usingimagetag </p>
<imgsrc="demo_irn.jpg"alt="ohimagenotfound,hencealtmessag
eisdisplayed"width="600"height="400">
<p>refereing to the other page using a and href</p>
<ahref="https://en.wikipedia.org/wiki/Iron_Man"><b>click
here to know about ironmanwiki<b></a>


=========================================================

HTML LEVEL -2
```

Tables

```
1. Tables, coloumns and rows
2. <table> for creating container for  table
3. <thead> for declaring container for headers
4.  <th > for declaring coloumn names
5. <tr> container for each row
6. <td> for inserting individual cell data inside row
   The following example demonstatres how to use tables
   and tags

   Border attribite gives you border line for the table

   <table border="2">
   <thead>
   <th>NAME</th>
   <th>JOB_DESIGINATION</th>
   </thead>
   <tr>
   <td>JOHN</td>
   <td>DATAANALYST</td>
   </tr>
   <tr>
```

```
    <td>Michle</td>
    <td>UI/UXDesigner</td>

    </tr>
    </table>
```

Output

NAME	JOB_DESIGINATION
JOHN	DATA ANALYST
Michle	UI/UX Designer

HTML - FORMS

Form is the tag used for creating the form

Inside by using input tag
With type parameter
We can create multiple parameters with their data types

Input type="color generates a color picker "
```
</head>
<body>
<h2>LOGINFORMEXAMPLE</h2>
<h3>PLEASEENTERLOGINCREDENTIALS</h3>

<form>
<inputtype="email",name="useremail",value="pleaseenterava
lidemail">
<inputtype="password",name="userpassword",value="password
please..">
<inputtype="submit",name="",value="clickhere">
</form>

<h3>a color picker example using input tag and form</h3>

<inputtype="color",name="useremail",value="clickhere">

</body>
</html>
```
Output

LOGIN FORM EXAMPLE

PLEASE ENTER LOGIN CREDENTIALS

| please enter a valid email | •••••••••••••••• | click here |

enter movie name | name here please |

a color picker example using input tag and form

We have added a text input called movie

Here we have used labels
A lables stores the data as the variable
Using "for" attribute
 and the other instruments can take the value by passing
the same reference to its id explained as below
<labelfor="movie">enter movie name**</label>**
<inputtype="text"id="movie"placeholder="namehereplease">

HTML SELECTIONS

Radio buttons and dropdowns are important aspects in
selections

Lets breakdown the code,tags and attributes

<h3>form selections example**</h3>**

<formmethod="get">
<h5>do you have aws-cda certification**</h5>**

input type = radio :---> for radio buttons
To make the selection appropriate
We need to make sure the input tag draws the right for
attribute into its id
And converts to a respective value
This is the important step in value taking and value

forwarding

```html
<label for="yes">yes</label>
<input type="radio"id="yes"value="yes">
<label for="no">no</label>
<input type="radio"id="no"value="no">
<h5>dropdown menu example</h5>
<h6>select your country</h6>
```

Select tag -> for dropdown menu
<option> for the individual item in the list of items in the drop down menu

```html
<select>
<option value="us">US</option>
<option value="india">India</option>

</select>
```

Input type submit creates a button to get or post the values once filled

```html
<input type="submit"value="submit">
```

```html
<p><strong>Any queries</strong></p>
```

Text area provides an option for larger text input taking mechanism

```html
<textarea rows="8"cols="8"></textarea>
```

EXAMPLE OUTPUT :

form selections example

do you have aws-cda certification

yes ○ no ○

drop down menu example

select your country

US ⌄

Any queries

submit

```
-------------------------end of basic
html --------------
```