HTML Course Ducat Noida (04/11/2020)

What is Html :

HTML is short for Hypertext Markup Language. HTML is used to create electronic documents (called pages) that are displayed on the World Wide Web. Each page contains a series of connections to other pages called hyperlinks.

Its extension is (.html) filename+(.html) is ext.

Use for any editor like pycharm, notepad , notepad++, sublime text , dreamweaver like etc.

Html has two parts using the first tag .

Inside tag is <head> and <body> tag .

<head> tag is store title , script , style , meta .

<body> the browser displays content on the body part in html.

===

First.html file created by user in sublime text ..

```html
<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <title>Ducat</title>
</head>
<body>
        <!-- heading is used for html file (h1 is biggest heading and h6 is smallest heading -->
    <h1>Hello heading 1</h1>
    <h2>Hello heading 2</h2>
    <h3>Hello heading 3</h3>
    <h4>Hello heading 4</h4>
    <h5>Hello heading 5</h5>
    <h6>Hello heading 6</h6>
    <hr>

    <!-- br is basically use for line break (br means break row) -->
    <br>

    <!-- h1 is tag , and attributes after equals its value of the attributes inside
define the same tag by default align set to left-->

    <h1 align="right">Testing Heading </h1>
    <h1 align="center">Testing Heading </h1>
    <h1 align="left">Testing Heading </h1>

    <!-- hr is used for horizontal line -->
    <hr>
```

```html
<!-- only used font is tag , and attributes is color , face , size is used (1 to 7) etc
inside define the same tag -->
<font align="left" size="5" color="blue" face="verdana">Testing Heading
</font>

<hr>
<!-- P is used for paragraph tag -->
<p>Its is paragraph tag</p>

<!-- b is used for bold , i is used for italic , u is used for underline , em is used
for italic , strong is used for bold -->
<p><b>Ducat </b > Noida is a Good IT Institute.</p>
<p><u>Ducat Noida </u > is a Good IT Institute.</p>
<p>Ducat < strong > Noida </strong > is a Good IT Institute.</p>
<p><i>Ducat</i> Noida is a Good IT <em> Institute</em>.</p>

<!-- span and div is tag used in html (using inline code used span , using block
wise code using div ) in html , using br content break on second line after br tag
-->
<span> Hello <br> span </span>
<div>
    <p>Hello how </p>
    <p> Are you a boy? </p>
</div>
<hr color="red" size="5" align="right" width="50%">
<hr color="blue" size="5" align="center" width="50%">
<hr color= "orange" size="5" align="left" width="50%">
<hr color="red" width="1000">

</body>
</html>
```

List.html create a new html file in sublime text ...

```html
<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <title>Ducat List Html</title>
</head>
<body>

    <!--

        List : List is collection of items .
        List has two type
        1. unordered list ( which items not define order is called unordered list)
            like : (desc , circle , square ) by default desc.
            ex :  items ==>
            * coffee
            * Tea
            * Milk


        This is called an unordered list , because the user does not know which
item ordered what.



        2. ordered list ( which items define order is called ordered list)
            like : (1,a,A,I,i) by default 1.
            ex :  items ==>
            1 coffee
```

2 Tea
        3 Milk'

    3) Nested List : list inside create a list is called nested list.

        Like :

            course
                1) PHP
                2) HTML
                3) CSS
            Fees
                * 5000
                * 5000
                * 8000

-->

<!-- 1) ordered list -->

    css
    Html
    Php

<!-- 2) ordered list type is set (like I, A, a ,i , By default 1) -->
<ol type="A">
    css
    Html
    Php

<ol type="I">
    css
    Html

```html
      <li>Php</li>
   </ol>
   <!-- If user want the item is started with 4 then used this one  -->
   <ol start="4">
      <li>css</li>
      <li>Html</li>
      <li>Php</li>
   </ol>
   <!-- If user want the item is started with D then used this one (start-"D") not
effected so start="4" and type ="A" -->
   <ol type="A" start="4">
      <li>css</li>
      <li>Html</li>
      <li>Php</li>
   </ol>
   <ol type="i" start="4">
      <li>css</li>
      <li>Html</li>
      <li>Php</li>
   </ol>



   <hr color="orange" size="5" width="80%">



   <!-- 1) unordered list -->
   <ul>
      <li>css</li>
      <li>Html</li>
      <li>Php</li>
   </ul>
   <!-- 2) unordered list type is set (like desc , circle , square By default desc ) -->
```

```html
<ul type="circle">
  <li>css</li>
  <li>Html</li>
  <li>Php</li>
</ul>
<ul type="square">
  <li>css</li>
  <li>Html</li>
  <li>Php</li>
</ul>

<hr color="orange" size="5" width="80%">

<!-- Nested List in html files  -->

<ul>
  <li>Course</li>
    <ol type="i">
      <li>Php</li>
      <li>Css</li>
      <li>Html</li>
    </ol>

  <li>Fees</li>
    <ul type="square">
      <li>5000</li>
      <li>6000</li>
      <li>7000</li>
    </ul>
</ul></body>
</html>
```

Basic-tag.html files are created by the user in sublime text ..

```
<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <title>Ducat Basic</title>
</head>
<body>

        <!-- image path set in src attributes , and alt is used for image alternative
name , width, height set in html tag  -->
        <!-- alt means if not get the image path back to another folder show
display alt name inside image frame  -->
        <img src="../image/pic2.jpg" alt="Not upload image" height="150"
width="200">
        <!-- when image in same path on html file same position -->
        <img src="pic1.jpg" alt="Not upload image" height="150"
width="200">
        <!-- when image in html file and image in folder same position -->
        <img src="image/pic1.jpg" alt="Not upload image" height="150"
width="200">


        <hr color="orange" size="5" width="80%">


        <video width="320" height="240" controls autoplay="autoplay">
          <source src="samplevideo.mp4" type="video/mp4">
        </video>
        <video width="320" height="240" controls autoplay="autoplay">
          <source src="../image/samplevideo2.mp4" type="video/mp4">
```

```html
        </video>
<hr color="orange" size="5" width="80%">

        <!-- if user want to youtube video on her page then ..
                open youtube video ==>  click on share ==>  embad on click ==>
copy the path and paste the same html file
        -->

        <iframe width="320" height="240"
src="https://www.youtube.com/embed/y2Ky3Wo37AY" frameborder="0"
allow="accelerometer; autoplay; encrypted-media; gyroscope;
picture-in-picture" allowfullscreen></iframe>
        <iframe width="320" height="240"
src="https://www.youtube.com/embed/u31qwQUeGuM" frameborder="0"
allow="accelerometer; autoplay; encrypted-media; gyroscope;
picture-in-picture" allowfullscreen></iframe>


        <hr color="orange" size="5" width="80%">

        <!-- bdo tag is used for direction of content -->
        <bdo dir="rtl">Its is collage ID of student. </bdo><br>
        <bdo dir="ltr">Its is collage ID of student. </bdo>

        <!-- pre tag is used for user write same content display as same in browser
-->
        <pre>
                Html
                        Css
                Php
        </pre>

</body>
```

</html>