PRACTICAL CLASS

Lecture 1, Week 1

TODAY

❏ HTML FUNDAMENTALS PRACTICAL

❏ HTML IMAGES, TABLES & FORMS PRACTICAL

❏ CSS FUNDAMENTALS

❏ RESPONSIVE WEB DESIGN

HTML PRACTICAL

1. Open your code editor(visual studio code).

2. From the file menu, click on "open folder".

3. Go to your documents directory and navigate to the TWS Web dev folder and select it.

4. Create a folder, name it "Lecture3"

5. Right click on the folder you just created, create a new file, name it "index.html".

6. In the first line of exercise1.html, add your doctype declaration.

7. In the next line, add the root element every html document should have, which is the html element.

8. In between the opening and closing html tags (<html></html>), add the head element i.e the opening and closing head tags.

   Recall that we place the title tag in between the opening head tag i.e <head> and closing head tag i.e </head>

9. Add your title tag. Give your web page any title of your choice.

10.   After the closing head tag, add a body element to your html document.

11.   Inside the body tag, add the following:

   (i) The heading tags, from the largest to the smallest.

   (ii) A paragraph

   (iii) An image

   (iv) A table with the following columns: First name, Middle name, Last name, Phone num, Email address.

   (v) A form with the following fields: First name, Middle name, Last name, Phone num, Email address.

12.   Right-click on the exercise1.html file and click "copy path". Open your browser, paste the path and click the enter key.

CSS PRACTICAL

1. In your Lecture3 folder, create a new file, name it "styles.css".

2. Go to the head element of your html document and add a reference to your external stylesheet.
   <link href="styles.css" rel="stylesheet" />

3. Use the element selector to add a style to the body element that will change the body element background color to #3498db

4. Use the universal selector to change the color of the text on your web page to white.

5. Go to your exercise1.html file, add an id attribute to your image tag, remember that the image tag is a self closing tag.

   <img /> .

   So, just before the forward slash, add the following:
   id = "my_img"

   In your styles.css, use the id selector to give your image a height of 100px and a width of 100px

6. Go back to your exercise1.html file and add an in-line style to your paragraph element.

   Remember that we add in-line style to the opening tag of an element.

   Just before the closing angular bracket of the p tag, add the following:

   style="color: #333333;"

7. In the head element, add an internal style, do this by adding:
   <style>

   </style>

   Just after your title tag.

   In between the style opening and closing tags, use the class selector to style the form you added to your first page.

   Note that to use the class selector, you need to add a class attribute to your form element.

   Do this by adding:

   class ="my_table" to the opening form tag.

   Now, go back to your internal style, and use the "my_form" class to add a background color of white to your html form.

8. Add a style to your table, th and td element using the element selector.
   i.e
   table, th, td {

   }

   Add a border: 1px solid #fff to it.

9. When the maximum width of the user's device is 600px, change the background color of the body element to #e67e22.

10. Go to the file menu and click on "Save all" to save all your changes. Then go back to your browser to refresh your web page and see the effects of the CSS you added in this exercise.