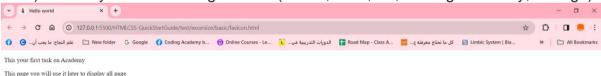# HTML Syntax, Element Paragraph, Headings

Duration 4h (Totally 10)

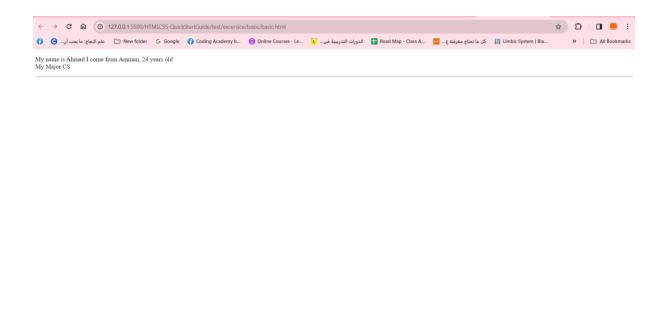<u>**This task will cover text formatting such as:(italic, bold, del, mark, del)**</u>

Basic

1. As on the beginning of coding We need to create html page call "hello_world" and contains the following:

   a) Page title should be Hello world.
   b) Add favicon to webpage.
   c) Add language meta tag.
   d) Add viewport meta tag.
   e) Add keywords meta tag contain (HTML, CSS, JS, Coding Academy, Orange)

2. Create the following:

1. Create html page and change the title to "Orange Academy".
2. Add your name
3. Add your major
4. Add horizontal line

My name is Ahmad I come from Amman, 24 years old
My Major CS

3.Create webpage contain heading:

This is the main heading

This is a second heading

Lorem ipsum dolor sit amet, consectetuer adipiscing elit. Aenean commodo ligula eget dolor. Aenean massa. Cum sociis natoque penatibus et magnis dis parturient montes, nascetur ridiculus mus.

And another heading
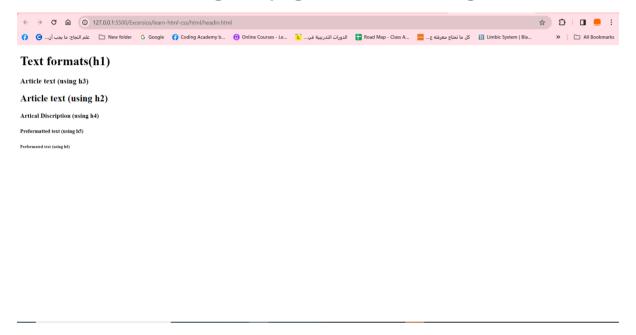
Lorem ipsum dolor sit amet, consectetuer adipiscing elit. Aenean commodo ligula eget dolor. Aenean massa. Cum sociis natoque penatibus et magnis dis parturient montes, nascetur ridiculus mus.

4.Create the following webpage contain Heading:

← → C ⌂ ⓘ 127.0.0.1:5500/Excersice/learn-html-css/html/headin.html ☆ ⟲ ▢ ⬤ ⋮

ⓕ ⓖ علم النجاح: ما يجب أن... ☐ New folder Ⓖ Google ⓕ Coding Academy b... ⓐ Online Courses - Le... Ⓛ الدورات التدريبية في.... ⓣ Road Map - Class A... كل ما نحتاج معرفته ع... Ⓛ Limbic System | Bla... » ☐ All Bookmarks

Text formats(h1)

Article text (using h3)

Article text (using h2)

Artical Discription (using h4)

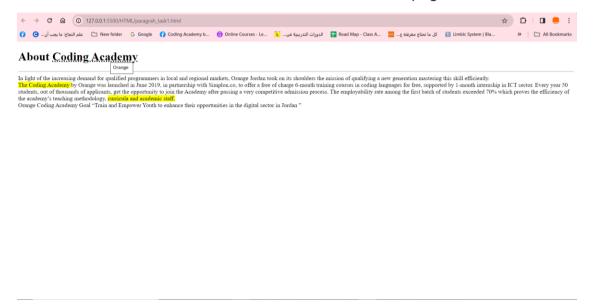##### Preformatted text (using h5)

Performated text (using h6)

5. Add paragraph contains the following:
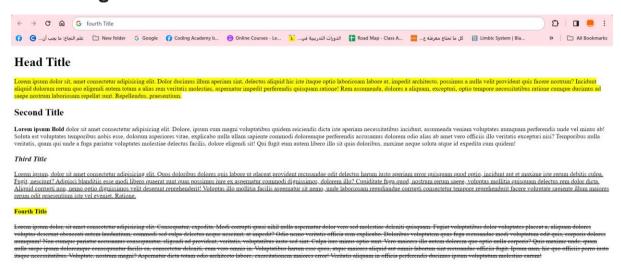
1. Title must be <h1>
2. When hover on "Coding Academy" must show abbreviation contain "Orange"
3. Add mark to paragraph.
4. Add quotation "Train and Empower Youth to enhance their opportunities in the digital sector in Jordan".
5. Add comment for the code contain "I'm build webpage structure".

About Coding Academy

Orange

In light of the increasing demand for qualified programmers in local and regional markets, Orange Jordan took on its shoulders the mission of qualifying a new generation mastering this skill efficiently.
The Coding Academy by Orange was launched in June 2019, in partnership with Simplon.co, to offer a free of charge 6-month training courses in coding languages for free, supported by 1-month internship in ICT sector. Every year 50 students, out of thousands of applicants, get the opportunity to join the Academy after passing a very competitive admission process. The employability rate among the first batch of students exceeded 70% which proves the efficiency of the academy's teaching methodology, curricula and academic staff.
Orange Coding Academy Goal "Train and Empower Youth to enhance their opportunities in the digital sector in Jordan "
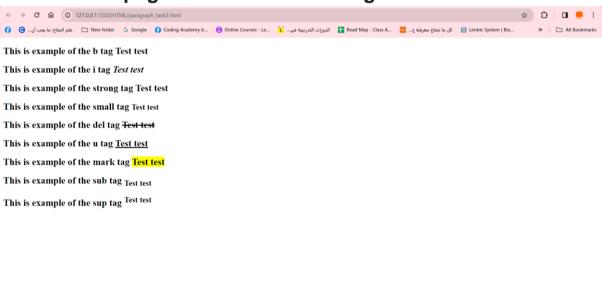
Intermediate

6.Create webpage contain (italic, bold, del, mark, del) formatting:

7.Create webpage contain the following

8.Webpage contain sup

127.0.0.1:5500/HTML/sup_tag.html

Example of sub tag

Following is the famous Pythagorean Theorem:

$a^2 + b^2 = a^2$

Where a, b, and c represents the sides of right angle triangle

9. Webpage contain sub

127.0.0.1:5500/HTML/sub_tag.html

LINEAR EQUATIONS

An equation that has maximum degree one is known as Linear Equations. The graph of it is a straight line.

For example,

- $y = 8x - 2$
- $ax_1 + bx_2 - cx_3 = 9$

are some of the examples of a linear equaion in two and three variables.

Slope of intersection of two linear equations Linear equations
$y_1 = mx_1 + a$ and
$y_2 = mx_2 + b$
for the points $P(x_1, y_1)$ and $Q(_2, y_2)$ is:
$m = (y_2 - y_1) / (x_2 - x_1)$

Advance

10. Create the following webpage

What is the introduction of math?

Mathematics is the ==science and study of quality, structure, space, and change.== Mathematicians seek out patterns, formulate new conjectures, and establish truth by rigorous deduction from appropriately chosen axioms and definitions.

There is debate over whether *mathematical objects* such as numbers and points exist naturally or are human creations. The mathematician **Benjamin Peirce** called mathematics " the science that draws necessary conclusions," ==Albert Einstein==, on the other hand, stated that "as far as the laws of mathematics refer to reality, they are not certain; and as far as they are certain, they do not refer to reality."

Today, mathematics is used throughout the world as an essential tool in many fields, including natural science, engineering, medicine, and the social sciences. Applied mathematics, the branch of mathematics concerned with application of **mathematical knowledge** to other fields, inspires and makes use of new mathematical discoveries and sometimes leads to the development of entirely new disciplines. Mathematicians also engage in pure mathematics, or mathematics for its own sake,without having any application in mind, although practical applications for what began as pure mathematics are often discovered later.

Mathmatic Equation

$$x^2 + y^{2-d} + z^{2*a} - 2x + 3y - 4z^{(a^2+2)*4}$$

Introduction to Chemistry

==Chemistry== is the study of matter and the ways in which different forms of matter combine with each other. You study chemistry because it helps you to understand the world around you. Everything you touch or taste or smell is a **chemical**, and the interactions of these chemicals with each other define our universe. ==*Chemistry forms the fundamental basis for biology and medicine.*== From the structure of proteins and nucleic acids, to the design, synthesis and manufacture of drugs, chemistry allows you

~~The principles of chemicals are quite varied and are essentially important which includes brain functioning, computer operations, weather patterns, chemical industries, manufacturing fertilizers, acids, alkalis, salts, drugs, soaps, etc.~~ Chemistry also acts as a major determinant in meeting the human needs for food, *healthcare products,* and also other ==materials== are aimed at improving the life's quality.

Chemistry Equation

$$C_6H_5H^- + CH_2C_2CO_3H \; \text{-->} \; C_6H_5OH + CH\,ClCO_2^-$$