Project Achievement Report

Project Title: HTML Nano framework

Project Duration: 6/8/2023 – 8/8/2023

Project Overview:

Create nano framework for build HTML elements by create tree node for element and assign some child elements to it, ability to search, print the tree as HTML format and print full html file.

Objectives:

- Create the new HTML element.
- Append some element to parent.
- Render file as HTML format
- Rener full HTML file.
- Find elements by attributes.
- Find elements by tag name.

Result:

I have nano html framework that can used to create full HTML file.

Challenges:

- Nothing noteworthy (just learn how python works)

What's new:

- Learn more about git
- learn that it's very important to make simple design before start
- Use Virtual environment
- Work with OOP in python
- Use N-ARY tree for the first time
- Learn that we can make type annotation in python and use it
- Learn more about python data structures (sets, arrays, dictionary, tuple)
- Use set, list and dictionary data structures
- Learn how to make unit test in python
- Learn about str method that as toString() in java
- Learn methods types in python (instance, class and static methods)
- Use Triple Quotes for string that can detect tabs and new lines
- Use method optional parameter and assign default value for it
- Use pylint tool that is code analyzer can detect code problems
- Try to use Pdoc3