



Lab Activities:

Task 1: Build your first HTML file with Fundamental HTML Document and HTML tags (Lecture 4 – part1)

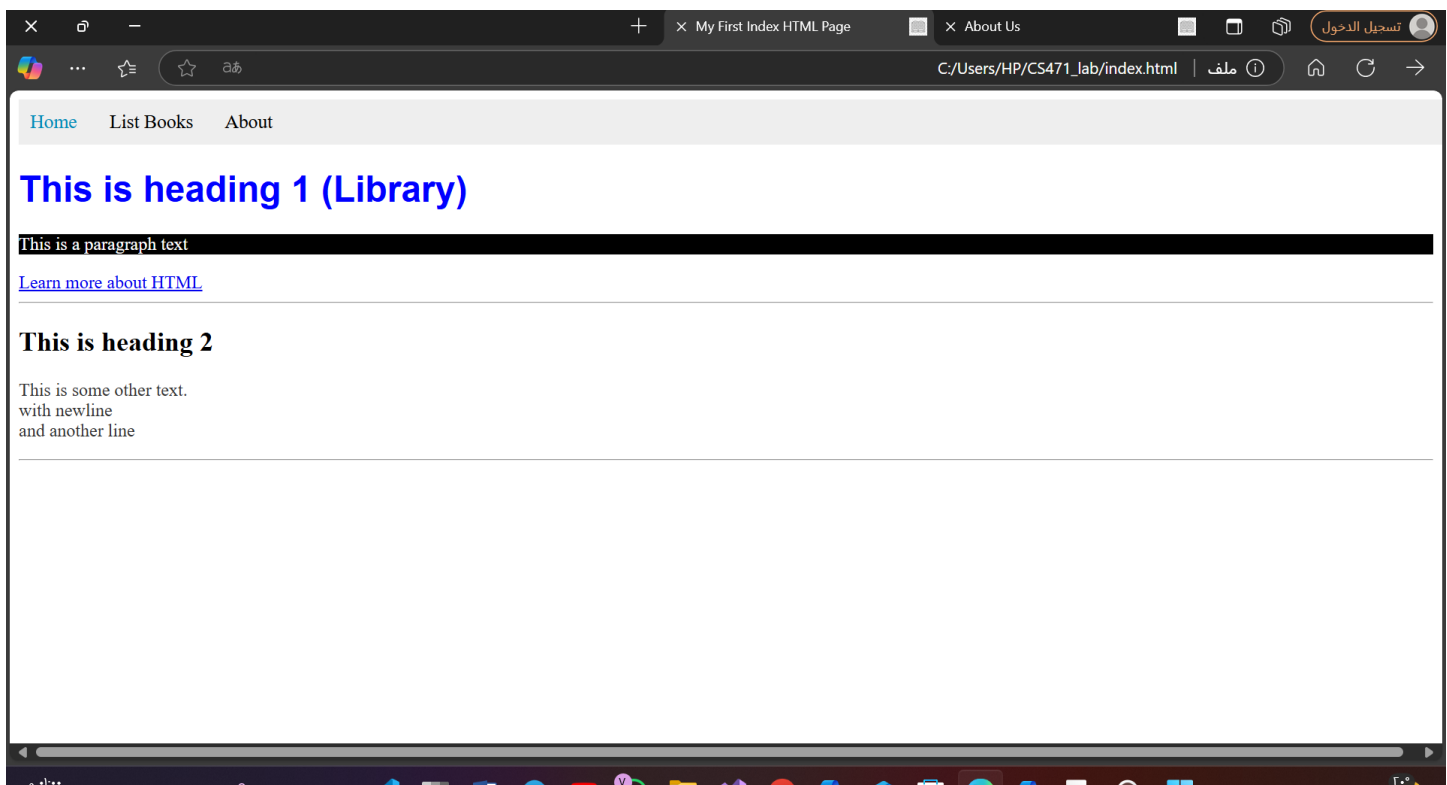
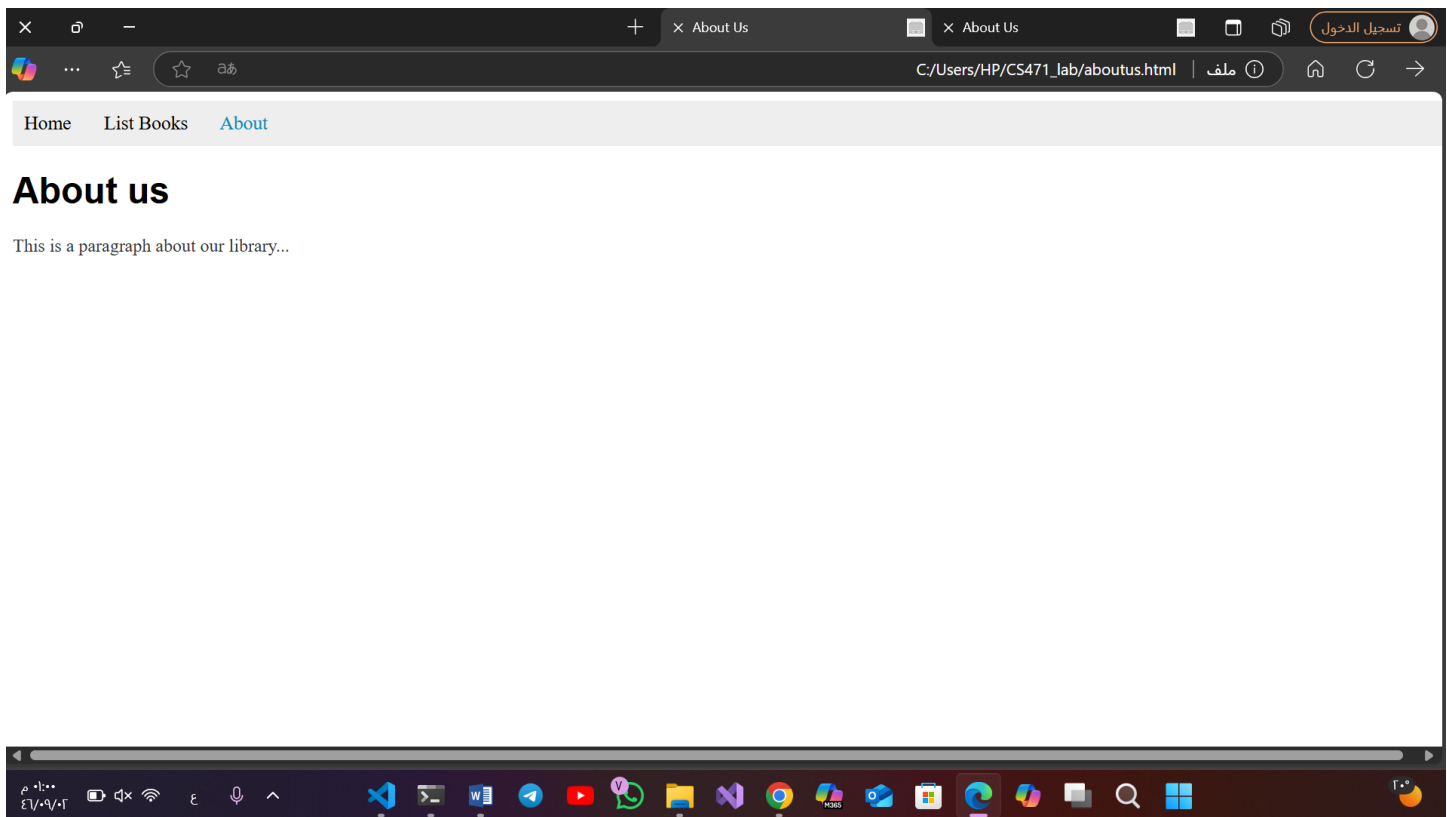
The image shows a web browser window displaying a local HTML file at `C:/Users/HP/CS471_lab/index.html`. The page content includes:

- Navigation links: [Home](#), [List Books](#), [About](#)
- Section: **This is heading 1 (Library)**
- Text: This is a paragraph text
- Link: [Learn more about HTML](#)
- Section: **This is heading 2**
- Text: This is some other text. with newline and another line

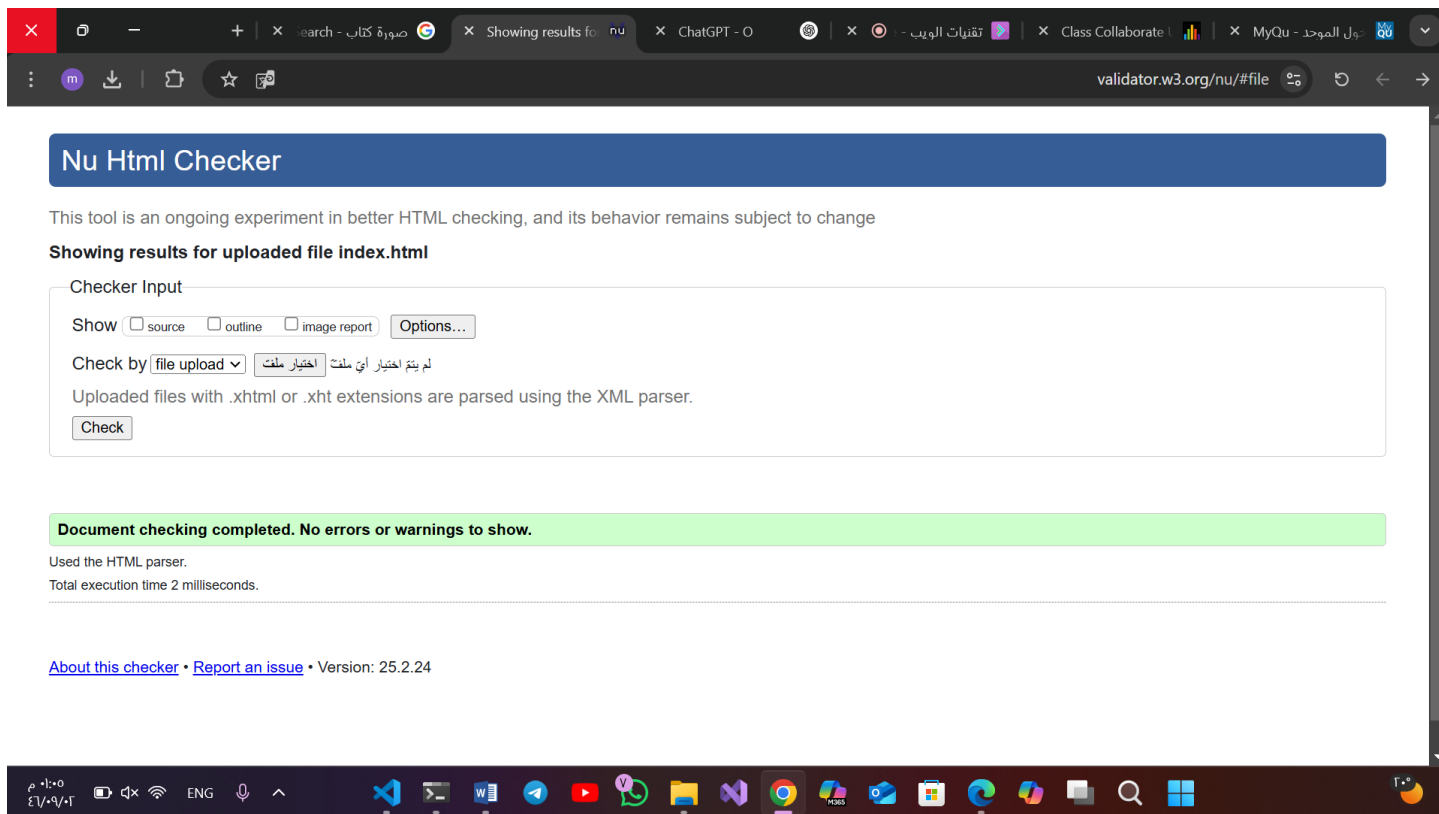
Below the browser window, a mobile emulator view shows the same page with a navigation bar at the top containing [Home](#), [List Books](#), and [About](#). The main content area displays:

- Section: **List of Books**
- Section: **Book 1**
- Image: 
- Section: **Book 2**
- Image: 

Task 2: Style the previous HTML files with CSS in three ways (inline CSS, internal style element, and separated CSS file)



Task 3: W3C HTML5 Validation Service¹ to use proper HTML5 syntax to ensure that browsers process your documents properly.



¹ The World Wide Web Consortium (W3C) provides a validation service (at validator.w3.org) for checking a document's syntax

validator.w3.org/nu/#file

Nu Html Checker

This tool is an ongoing experiment in better HTML checking, and its behavior remains subject to change

Showing results for aboutus.html

Checker Input

Show ☐ source ☐ outline ☐ image report [Options...](#)

Check by [file upload](#) [لم يتم اختيار أي ملف](#) [اختيار ملف](#)

Uploaded files with .xhtml or .xht extensions are parsed using the XML parser.

[Check](#)

Document checking completed. No errors or warnings to show.

Used the HTML parser.
Total execution time 1 milliseconds.

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validator.w3.org/nu/#file

Nu Html Checker

This tool is an ongoing experiment in better HTML checking, and its behavior remains subject to change

Showing results for list_books.html

Checker Input

Show ☐ source ☐ outline ☐ image report [Options...](#)

Check by [file upload](#) [لم يتم اختيار أي ملف](#) [اختيار ملف](#)

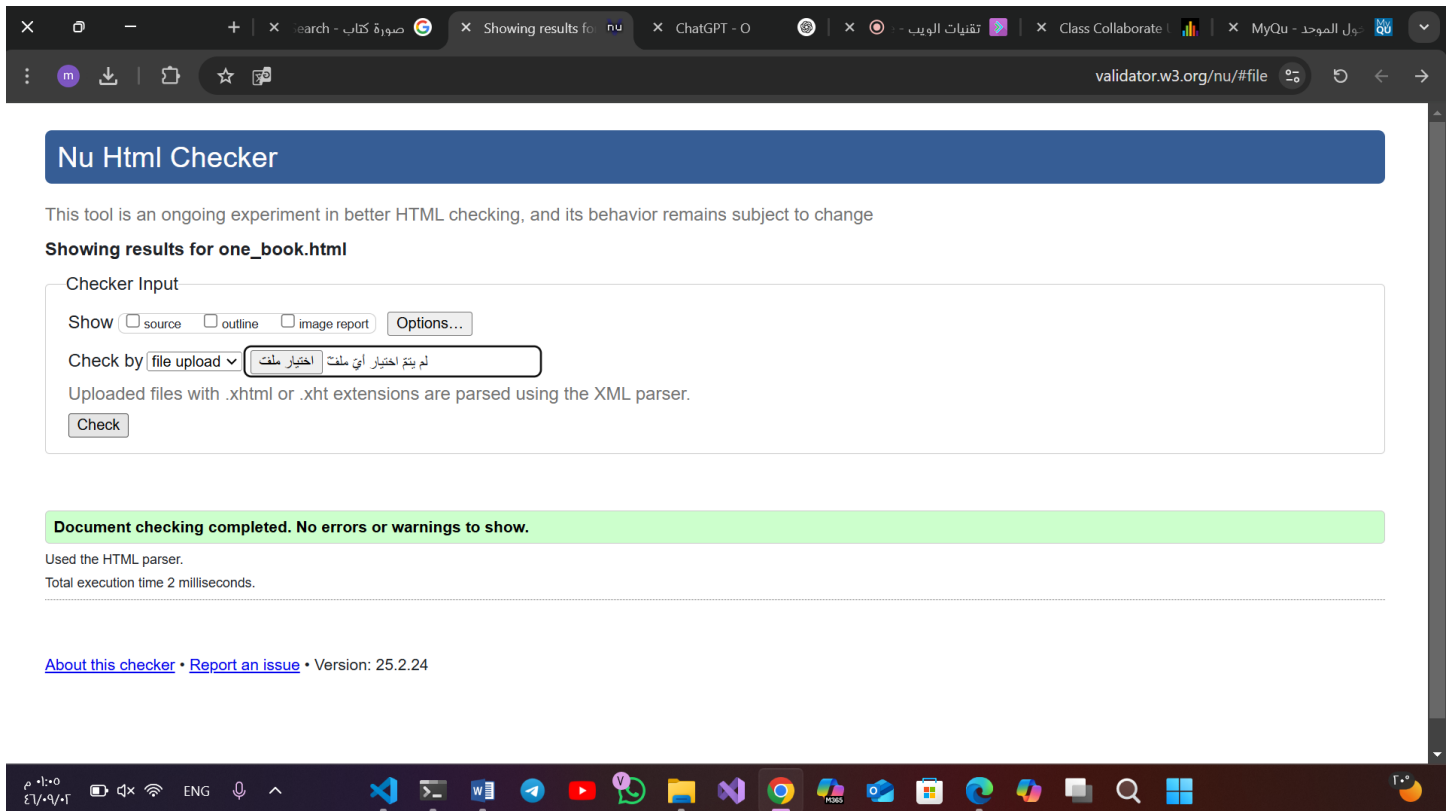
Uploaded files with .xhtml or .xht extensions are parsed using the XML parser.

[Check](#)

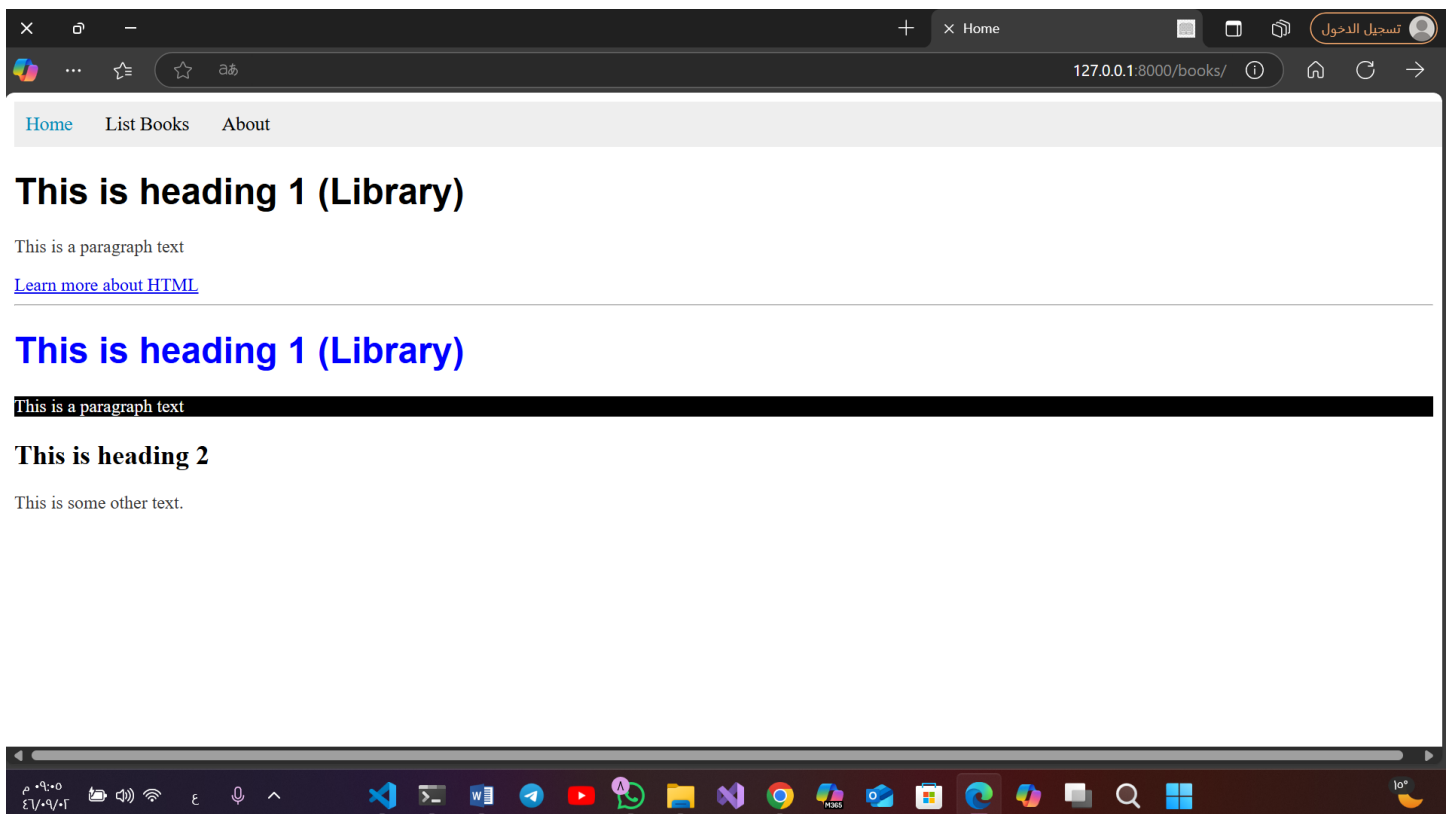
Document checking completed. No errors or warnings to show.

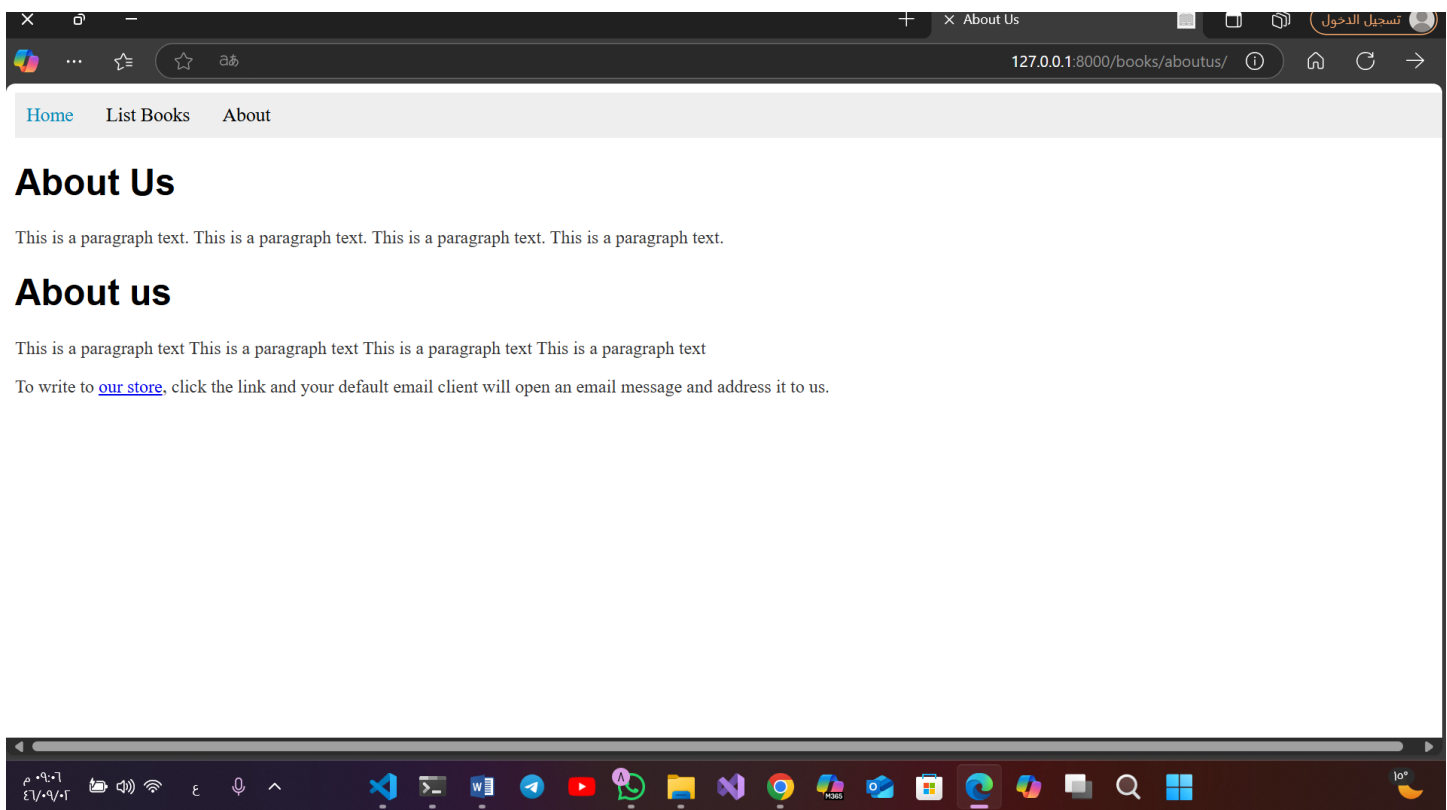
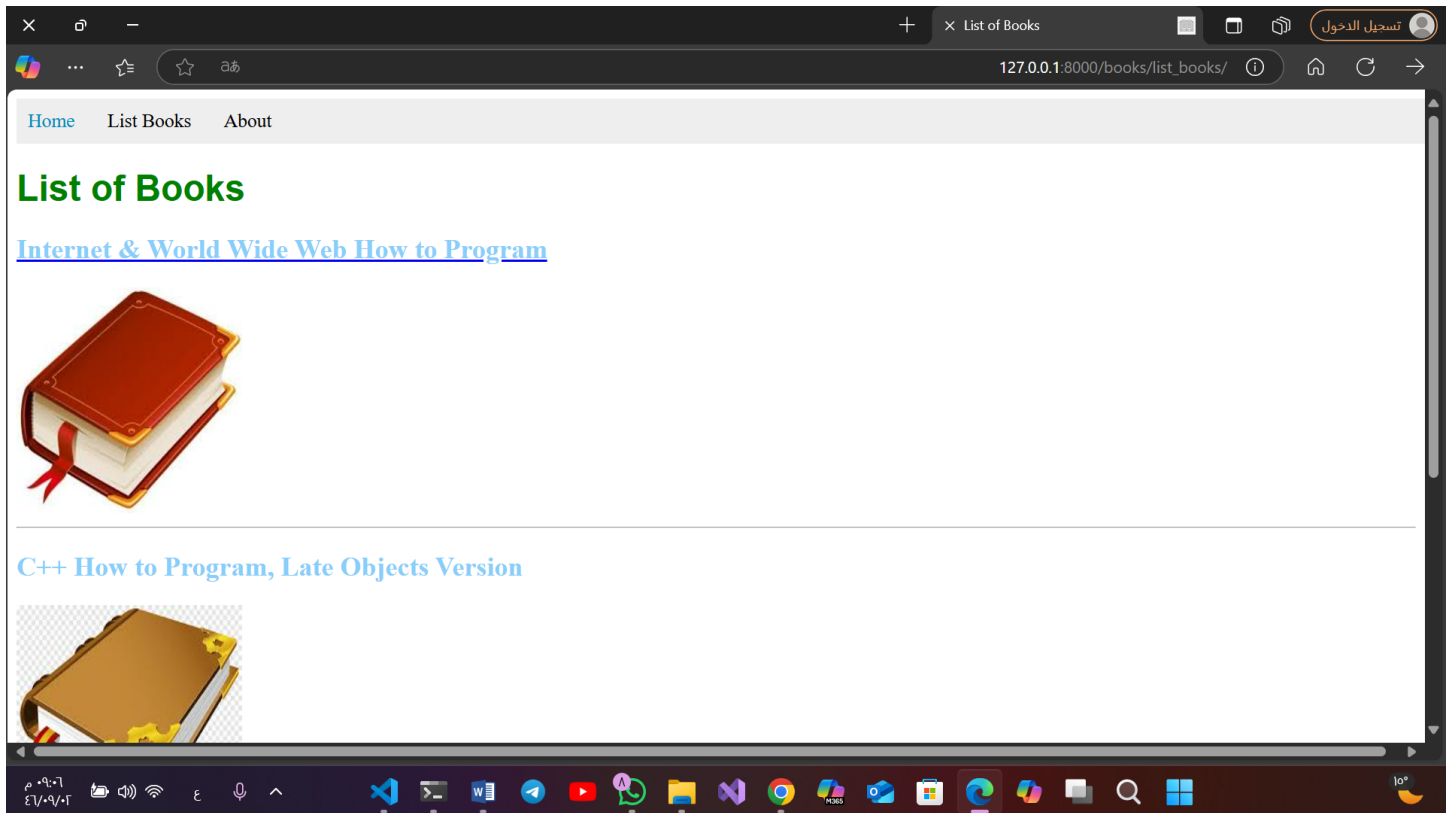
Used the HTML parser.
Total execution time 2 milliseconds.

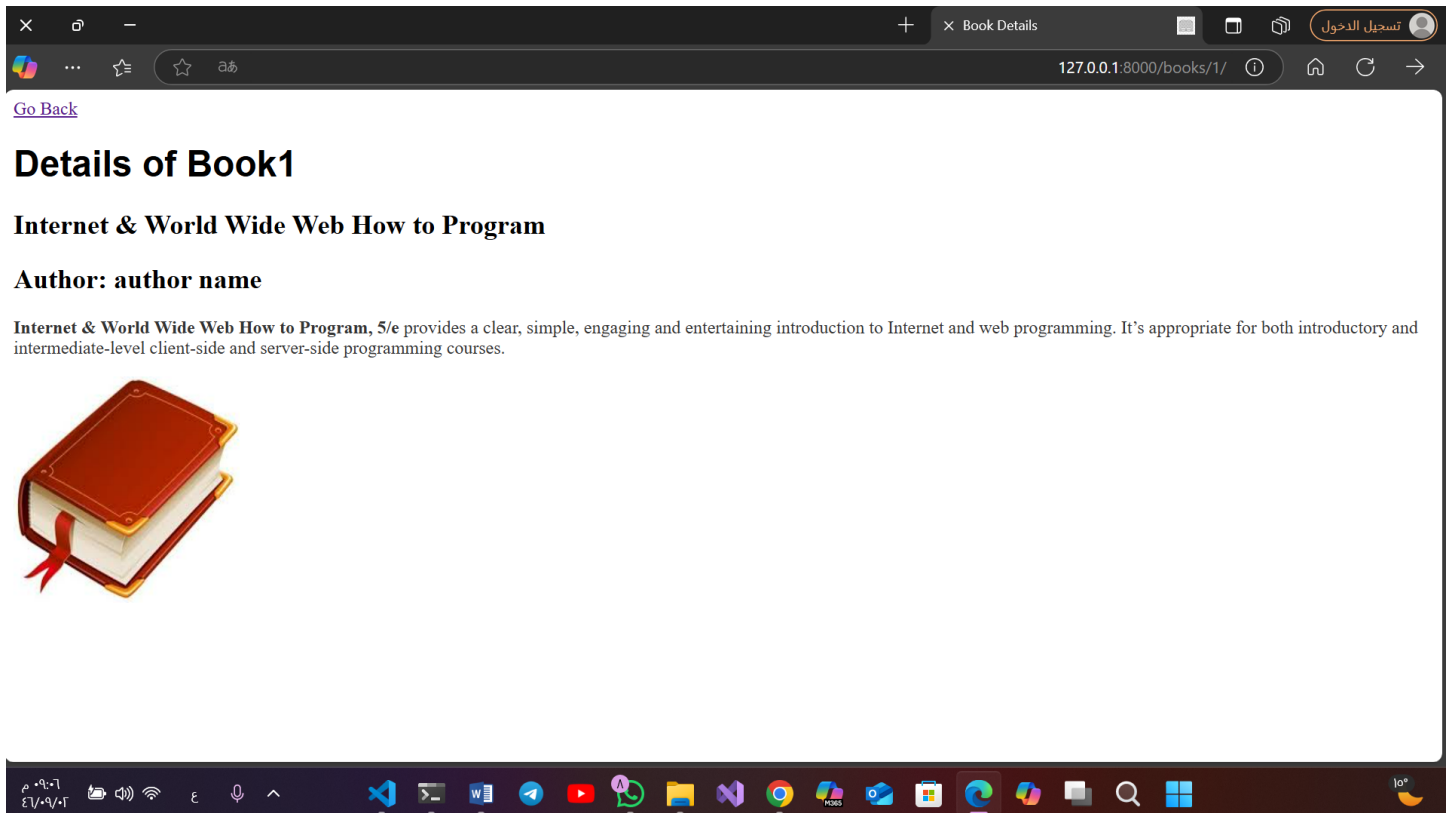
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Task 4: Implementation and management of the previous HTML and static files (e.g. CSS and images) in Django framework.







Task 5: Additional implementation of Django tags to build one layout instead of repeating the layout for every HTML file.

