

UNIVERSITI TUN HUSSEIN ONN MALAYSIA FACULTY OF COMPUTER SCIENCE AND INFORMATION TECHNOLOGY (FSKTM)

SEMESTER I 2024/2025

WEB DEVELOPMENT
BIC 21203
SECTION 04

LAB ASSIGNMENT 04B

TITLE

CLIENT-SIDE SCRIPTING (JSON and jQuery)

LECTURER

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Instruction: Answer all questions. Write your answer and screenshot the output in Microsoft Word. Push all codes to your GitHub repository and include your GitHub repository link.

Submit through Author in PDF format.

1. Consider the following collection of books:

	Book 1	Book 2
title	The Great Gatsby	To Kill a Mockingbird
author	F. Scott Fitzgerald	Harper Lee
publicationYear	1925	1960
genres	Fiction, Classics	Fiction, Coming-of-Age

Create a JSON representation (.json file) of this collection. You may refer to the following GitHub repository

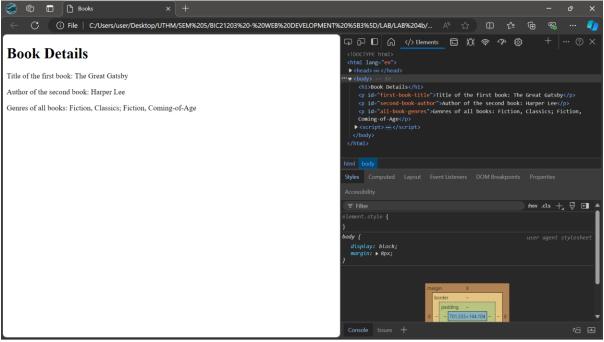
https://github.com/ariffinmzin/webdev_week_9_2023/blob/main/students.json as a reference.

- 2. Based on the JSON you have written in Question (1), write an HTML file to display the following details.
 - (a) The title of the first book.
 - (b) The author of the second book.
 - (c) The genres of all books.

You can display the details through Inspect - Console on your browser. You may refer to the following GitHub repository

https://github.com/ariffinmzin/webdev_week_9_2023/blob/main/students.html as a reference.

```
♦ books.html > ...
 1 <!DOCTYPE html>
    <html lang="en">
    <meta charset="UTF-8">
     <meta name="viewport" content="width=device-width, initial-scale=1.0">
     <title>Books</title>
      <script src="https://code.jquery.com/jquery-3.7.1.min.js"></script>
      <h1>Book Details</h1>
      $(document).ready(function () {
         const books = [
             "title": "The Great Gatsby",
             "author": "F. Scott Fitzgerald",
             "publicationYear": 1925,
             "genres": ["Fiction", "Classics"]
```



3. Rewrite the HTML code below with the jQuery statements that are equivalent to the JavaScript DOM statements in a, b, and c.

```
| File Edit Selection | View | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
```

GITHUB LINK:

https://github.com/wanai220118/Lab 4B