CCT College Dublin

Assessment Cover Page

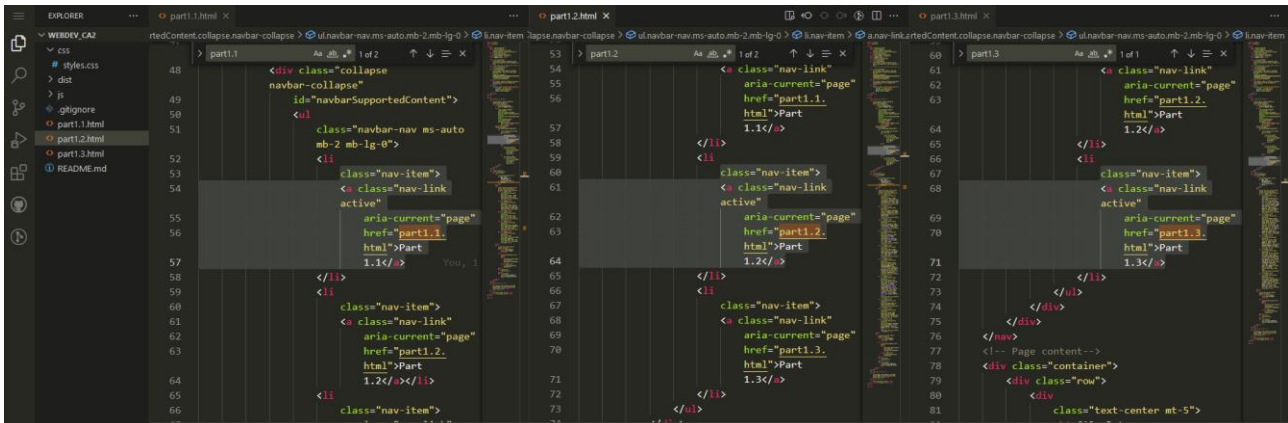|	
Module Title:	Web Development
Assessment Title:	Data Manipulation and Validation
Lecturer Name:	Mikhail Timofeev
Student Full Name:	Tolga Baris PINAR
Student Number:	2022431
Assessment Due Date:	23:59 on Sunday 04/12/2022
Date of Submission:	02/12/2022

GITHUB REPOSITORY: https://github.com/tolgabp/webdev_ca2.git

Declaration

1- Use a SQL.js library and build HTML files, which will render the results of SQL queries run against a SQLite database in a browser:
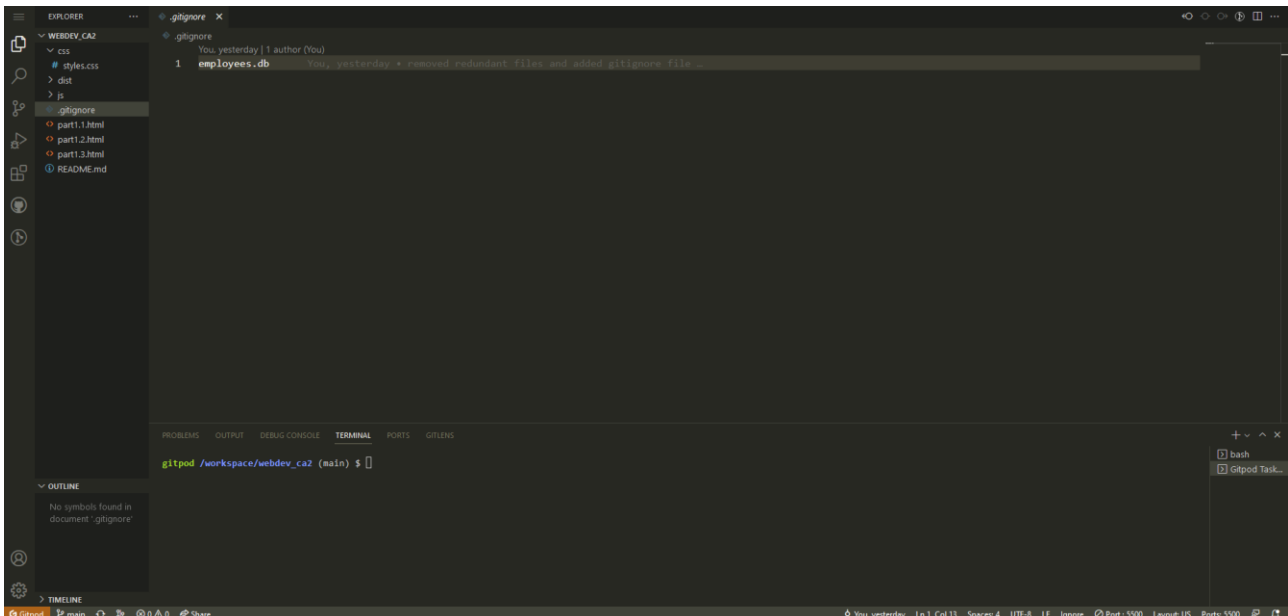
Three html files were built and linked to each other as it was given in the instructions. Also, they are named **part1.1.html** for Part 1.1, **part1.2.html** for Part 1.2 and **part1.3.html** for Part 1.3.

2- Create a .gitignore file and include employees.db:
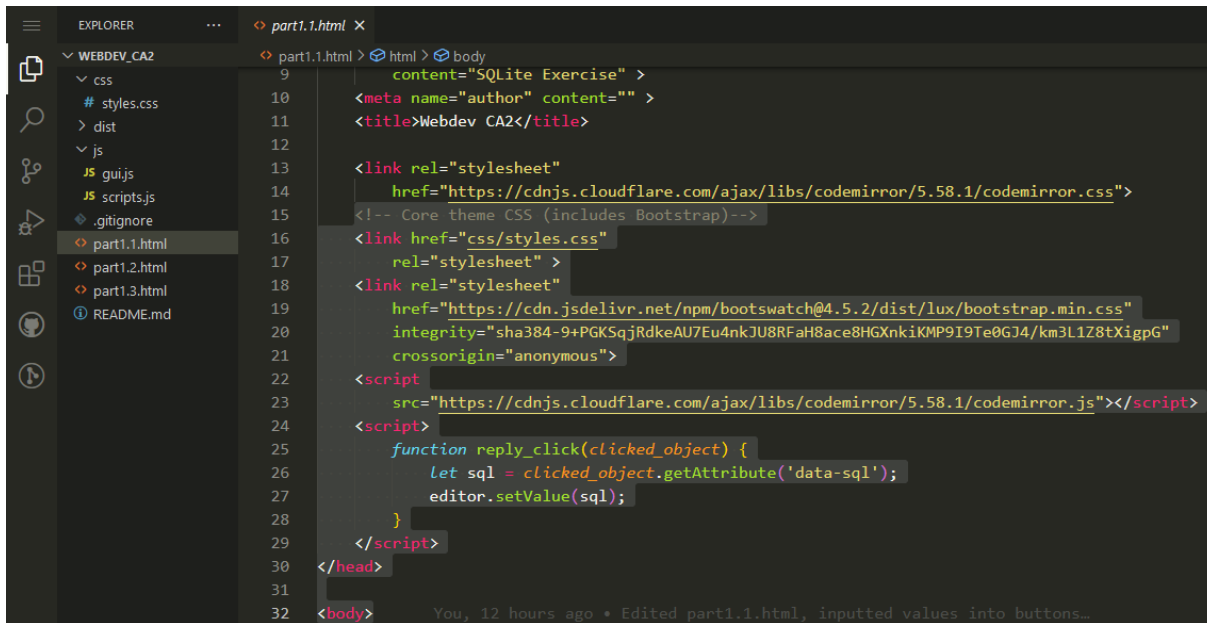
Thanks to that .gitignore file, employees.db will be ignored and not be uploaded to GitHub.

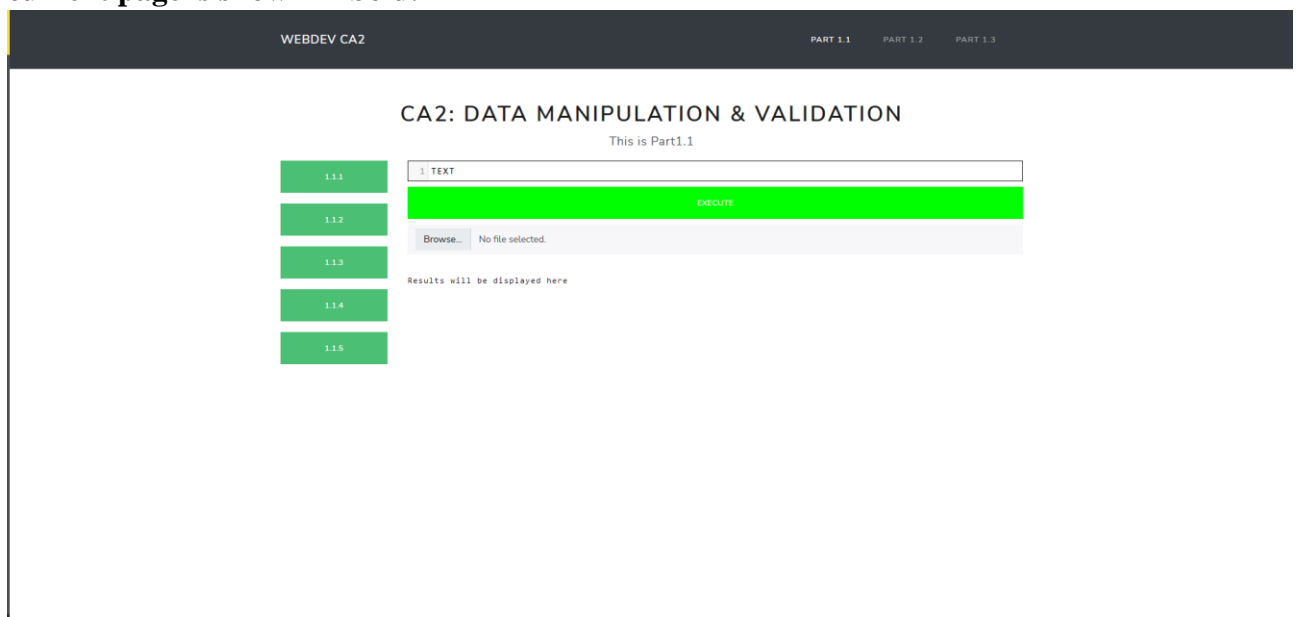**3- CSS file (style.css) is in the same folder –Bootstrap is used:**

4- Each question should have its question number and any sub-part numbers included in the button; Make sure you link all HTML files together in the upper right menu and the current page is shown in bold.

CA2: DATA MANIPULATION & VALIDATION

This is Part1.2

| 1.2.1 |
| 1.2.2 |
| 1.2.3 |
| 1.2.4 |
| 1.2.5 |
| 1.2.6 |
| 1.2.7 |
| 1.2.8 |
| 1.2.9 |
| 1.2.10 |

```
1 TEXT
```

EXECUTE

Browse...   No file selected.

Results will be displayed here

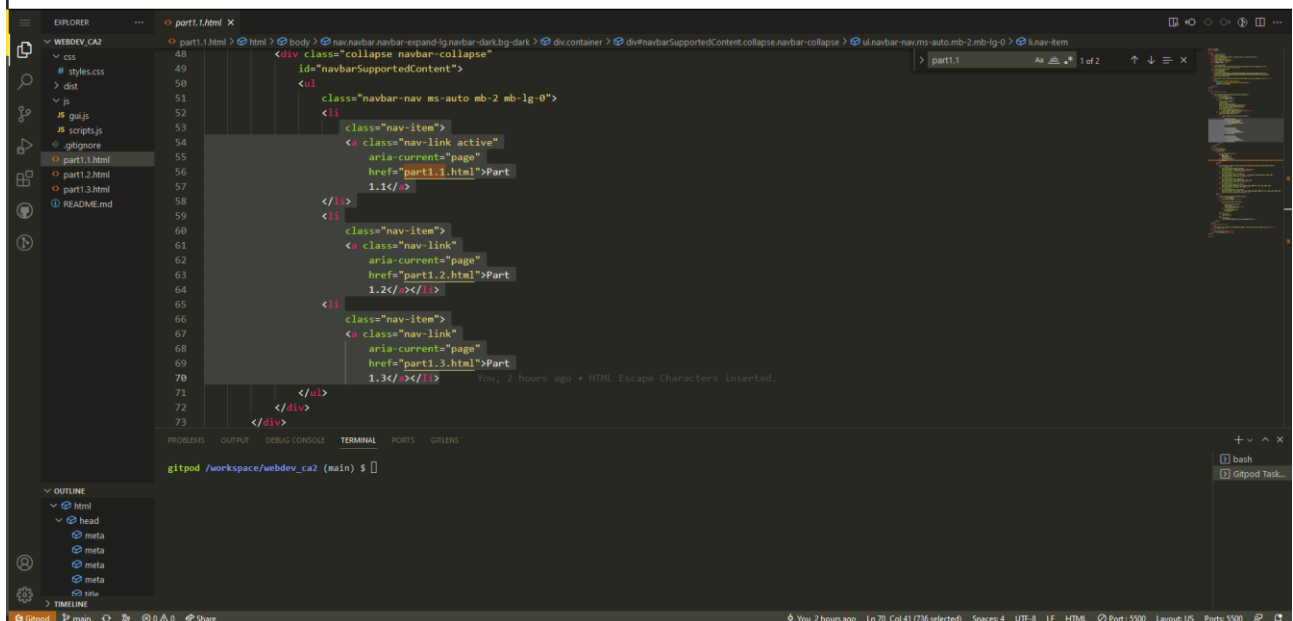# CA2: DATA MANIPULATION & VALIDATION

This is Part1.1

| 1.3.1 |
| 1.3.2 |
| 1.3.3 |
| 1.3.4 |
| 1.3.5 |

```
1 TEXT
```

EXECUTE

Browse...   No file selected.

Results will be displayed here

EXPLORER   part1.1.html

part1.1.html > html > body > nav.navbar.navbar-expand-lg.navbar-dark.bg-dark > div.container > div#navbarSupportedContent.collapse.navbar-collapse > ul.navbar-nav.ms-auto.mb-2.mb-lg-0 > li.nav-item

> part1.1   Aa   1 of 2

```html
48      <div class="collapse navbar-collapse"
49          id="navbarSupportedContent">
50          <ul
51              class="navbar-nav ms-auto mb-2 mb-lg-0">
52              <li
53                  class="nav-item">
54                  <a class="nav-link active"
55                      aria-current="page"
56                      href="part1.1.html">Part
57                      1.1</a>
58              </li>
59              <li
60                  class="nav-item">
61                  <a class="nav-link"
62                      aria-current="page"
63                      href="part1.2.html">Part
64                      1.2</a></li>
65              <li
66                  class="nav-item">
67                  <a class="nav-link"
68                      aria-current="page"
69                      href="part1.3.html">Part
70                      1.3</a></li>    You, 2 hours ago • HTML Escape Characters inserted.
71          </ul>
72      </div>
73  </div>
```

PROBLEMS   OUTPUT   DEBUG CONSOLE   **TERMINAL**   PORTS   GITLENS

gitpod /workspace/webdev_ca2 (main) $

OUTLINE
html
  head
    meta
    meta
    meta
    meta
    title
TIMELINE

5- Each query should have a green Execute button that executes each query and renders the results in the destination <div>:

6- Make sure you use HTML Escape Characters when putting SQL commands inside data-SQL attribute.

REFERENCES

1- https://mateam.net/. (n.d.). *HTML Escape Characters: Complete List of HTML Entities*. [online] Available at: https://mateam.net/html-escape-characters/.

2- rocketvalidator.com. (n.d.). *How to fix: The 'type' attribute is unnecessary for JavaScript resources.* [online] Available at: https://rocketvalidator.com/html-validation/the-type-attribute-is-unnecessary-for-javascript-resources [Accessed 2 Dec. 2022].

3- Anon, (n.d.). *'a SQL' or 'an SQL'? | The ORACLE-BASE Blog*. [online] Available at: https://oracle-base.com/blog/2015/01/02/a-sql-or-an-sql/ [Accessed 2 Dec. 2022].

4- docs.oracle.com. (n.d.). *Database Concepts*. [online] Available at: https://docs.oracle.com/database/121/CNCPT/sqllangu.htm#CNCPT116 [Accessed 2 Dec. 2022].

5- www.bootstrapcdn.com. (n.d.). *Bootswatch*. [online] Available at: https://www.bootstrapcdn.com/bootswatch/.

6- www.w3schools.com. (n.d.). *Bootstrap 5 Tutorial*. [online] Available at: https://www.w3schools.com/bootstrap5/.

7- W3schools.com. (2019). *HTML id*. [online] Available at: https://www.w3schools.com/html/html_id.asp.