DOM – Lab 2: Menu

Assigned: 11/02/22

Due: 11/03/22

Completed: 11/03/22

LMS: <https://lms.grandcircus.co/mod/assign/view.php?id=22752>

Google Doc: <https://docs.google.com/document/d/1U1zyTjdgUvK_Gz5atod60ukZg1XlAuKcKC1l-cFZJ8s/preview>

GitHub: <https://github.com/clintmsmith/GrandCircusLabs/tree/main/Menu>

**Skills:** DOM, event handler, prevent <a> default, CSS

**Requirement:** Create a menu button. When clicked, it opens a menu with two links. Clicking either of the menu options shows the appropriate page content and hides the other. (Note: this does not link to a new page; it uses JavaScript to show/hide different contents. You will have to prevent the default <a> behavior.) The menu also closes when a menu option is clicked.

Text

Description automatically generated

Starts with letters content shown and numbers hidden.

Graphical user interface, text

Description automatically generated  
  
Opens menu when button clicked.

Text

Description automatically generated

Hides letters and shows numbers when numbers menu option clicked.

**Extended Challenges:**

* Animate the menu opening and closing. **DONE**

**HTML**

\*includes CSS in the <style> section for ‘hidden’ class and to animate the menu opening/closing

<!DOCTYPE html>

<html lang="en">

<head>

    <meta charset="UTF-8">

    <meta http-equiv="X-UA-Compatible" content="IE=edge">

    <meta name="viewport" content="width=device-width, initial-scale=1.0">

    <title>Document</title>

<link href="https://cdn.jsdelivr.net/npm/bootstrap@5.2.2/dist/css/bootstrap.min.css" rel="stylesheet" integrity="sha384-Zenh87qX5JnK2Jl0vWa8Ck2rdkQ2Bzep5IDxbcnCeuOxjzrPF/et3URy9Bv1WTRi" crossorigin="anonymous">

</head>

<body>

    <div class="dropdown">

        <button class="btn btn-secondary dropdown-toggle" type="button" data-bs-toggle="dropdown" aria-expanded="false">

          Dropdown button

        </button>

        <ul class="dropdown-menu">

          <li><a id="dropdown-letters" href="#">Letters</a></li>

          <li><a id="dropdown-numbers" href="#">Numbers</a></li>

        </ul>

    </div>

    <p id="letters">A B C D E F G H I J K L M N O P Q R S T U V W X Y Z</p>

    <p id="numbers" class="hidden">1 2 3 4 5 6 7 8 9 10</p>

    <!-- Numbers are hidden by default-->

    <script src="https://cdn.jsdelivr.net/npm/bootstrap@5.2.2/dist/js/bootstrap.bundle.min.js" integrity="sha384-OERcA2EqjJCMA+/3y+gxIOqMEjwtxJY7qPCqsdltbNJuaOe923+mo//f6V8Qbsw3" crossorigin="anonymous"></script>

    <script src ="menu.js"></script>

    <style>

    /\* Used to hide either letters or numbers \*/

      .hidden {

        display: none;

      }

    /\* Used to provide animation effect to the dropdown button \*/

      .dropdown-menu {

        transition: 0.5s;

      }

    </style>

</body>

</html>

**JavaScript**

const lettersLink = document.getElementById('dropdown-letters');

const numbersLink = document.getElementById('dropdown-numbers');

const lettersList = document.getElementById('letters');

const numbersList = document.getElementById('numbers');

lettersLink.addEventListener('click', () => {

    lettersList.classList.remove('hidden');

    numbersList.classList.add('hidden');

    });

numbersLink.addEventListener('click', () => {

    lettersList.classList.add('hidden');

    numbersList.classList.remove('hidden');

    });