**Week 9 Module 12.2 Assignment**

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Bellevue University

CSD340-H323 Web Development with HTML and CSS (2261-DD)

**Adam Bailey**

October 10th, 2025

**Module 12.2**

**JavaScript Exercise, Part 4**

**GitHub Repository Link**

<https://github.com/Juan551School/csd-340>

**Link to GitHub pages landing page**

<https://juan551school.github.io/csd-340/>

**Project 11.2 Page**

<https://juan551school.github.io/csd-340/module-12\assignment-12.2\Macias_Mod12_2.html>

**HTML Code Macias\_Mod12\_2.html**

<!-- Juan Carlos Macias Vasquez

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HTML Code for Assignment

-->

<!DOCTYPE html>

<html lang="en">

<head>

<meta charset="UTF-8">

<title>CSD 340 Web Development with HTML and CSS</title> <!-- Changed the font -->

<style>

body {

font-family: Arial, sans-serif;

margin: 40px;

}

h1 {

text-align: center;

}

.container {

display: flex;

justify-content: space-around;

margin-top: 30px;

}

.box {

border: 1px solid red;

border-radius: 10px;

padding: 20px;

width: 40%;

}

button {

margin: 5px;

padding: 5px 10px;

}

ol {

margin-top: 10px;

}

</style>

</head>

<body>

<h1>Assignment 12.2: JavaScript - Part 4</h1> <!-- Renamed it -->

<div class="container">

<!-- Left Box -->

<div class="box">

<h3>Top 10 Favorite Books</h3>

<button onclick="topToBottom()">Top to Bottom</button>

<button onclick="bottomToTop()">Bottom to Top</button>

<hr>

<ol id="bookList"></ol>

</div>

<!-- Right Box -->

<div class="box" style="border: 1px dashed red;">

<h3>5 Things I've Learned Since the Course Started</h3>

<ol type="I">

<li>How the .css files connect to the Html file for proper aliment and size</li>

<li>How to connect the links on an html file to others to make pages</li>

<li>How to set the color in the webpages and make things pop </li>

<li>How to improve websites by making it easier for eh user to get used to it from the 100 Things book</li>

<li>Learning what the read me file in GitHub was and how to add things to it and change its font</li>

</ol>

</div>

</div>

<!-- Added the landing page link -->

<p style="text-align:right;">

<a href="../../index.html">back to Landing Page</a>

</p>

<!-- Changed the book names to an array -->

<script>

// Book array

const books = [

"Dragon Ball",

"Lord of the Rings",

"Code Geass",

"The Hobbit",

"The Hitchhiker's Guide to the Galaxy",

"Tokyo Ghoul",

"Demon Slayer",

"Dune (have only read the first book)",

"Game of Thrones",

"The Hunger Games (only read the first three)"

];

// Function: Top to Bottom (ascending)

function topToBottom() {

let list = "";

for (let i = 0; i < books.length; i++) {

list += `<li>${books[i]}</li>`;

}

document.getElementById("bookList").innerHTML = list;

}

// Function: Bottom to Top (descending)

function bottomToTop() {

let list = "";

for (let i = books.length - 1; i >= 0; i--) {

list += `<li>${books[i]}</li>`;

}

document.getElementById("bookList").innerHTML = list;

}

// Default: show descending order

bottomToTop();

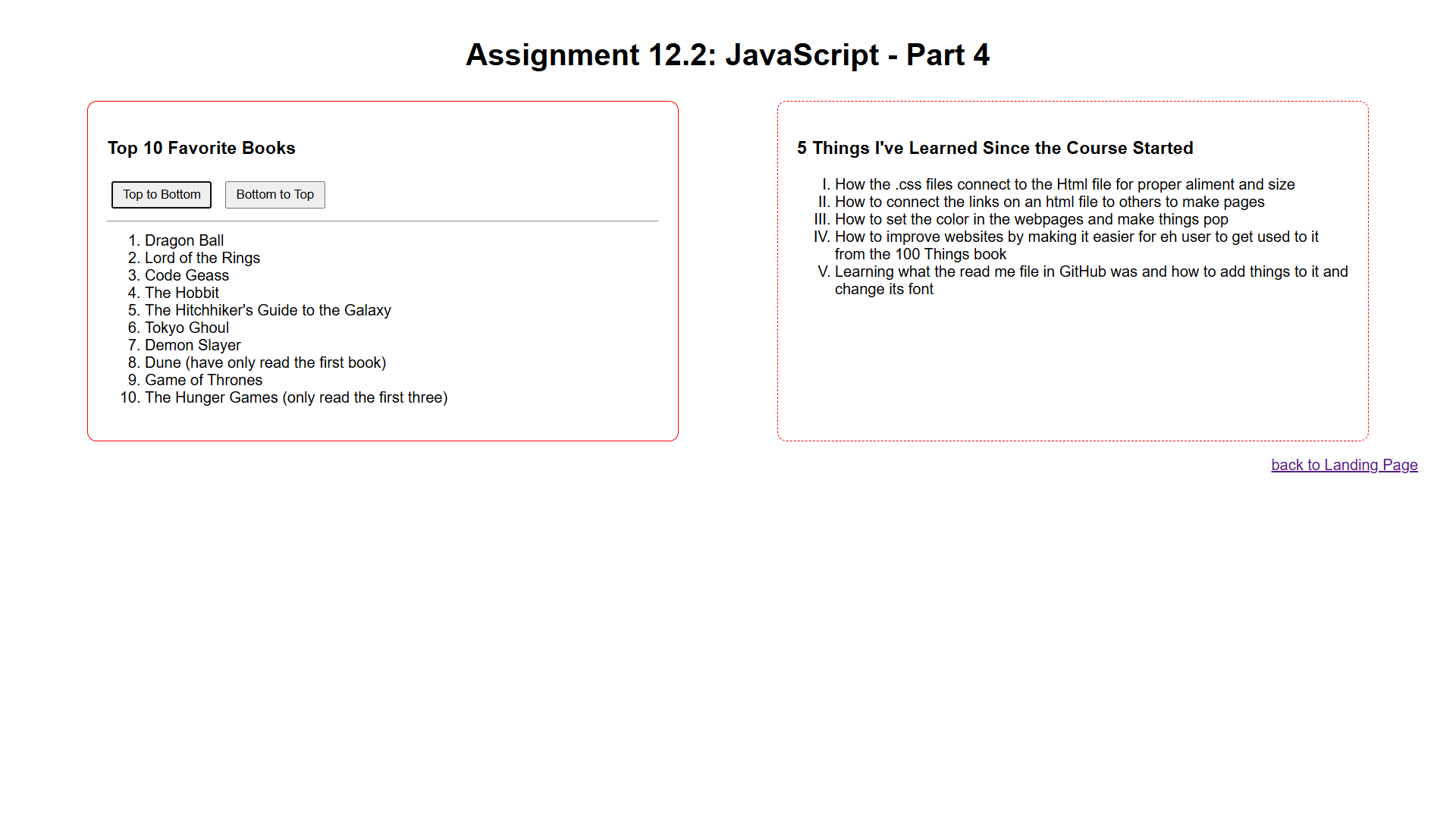
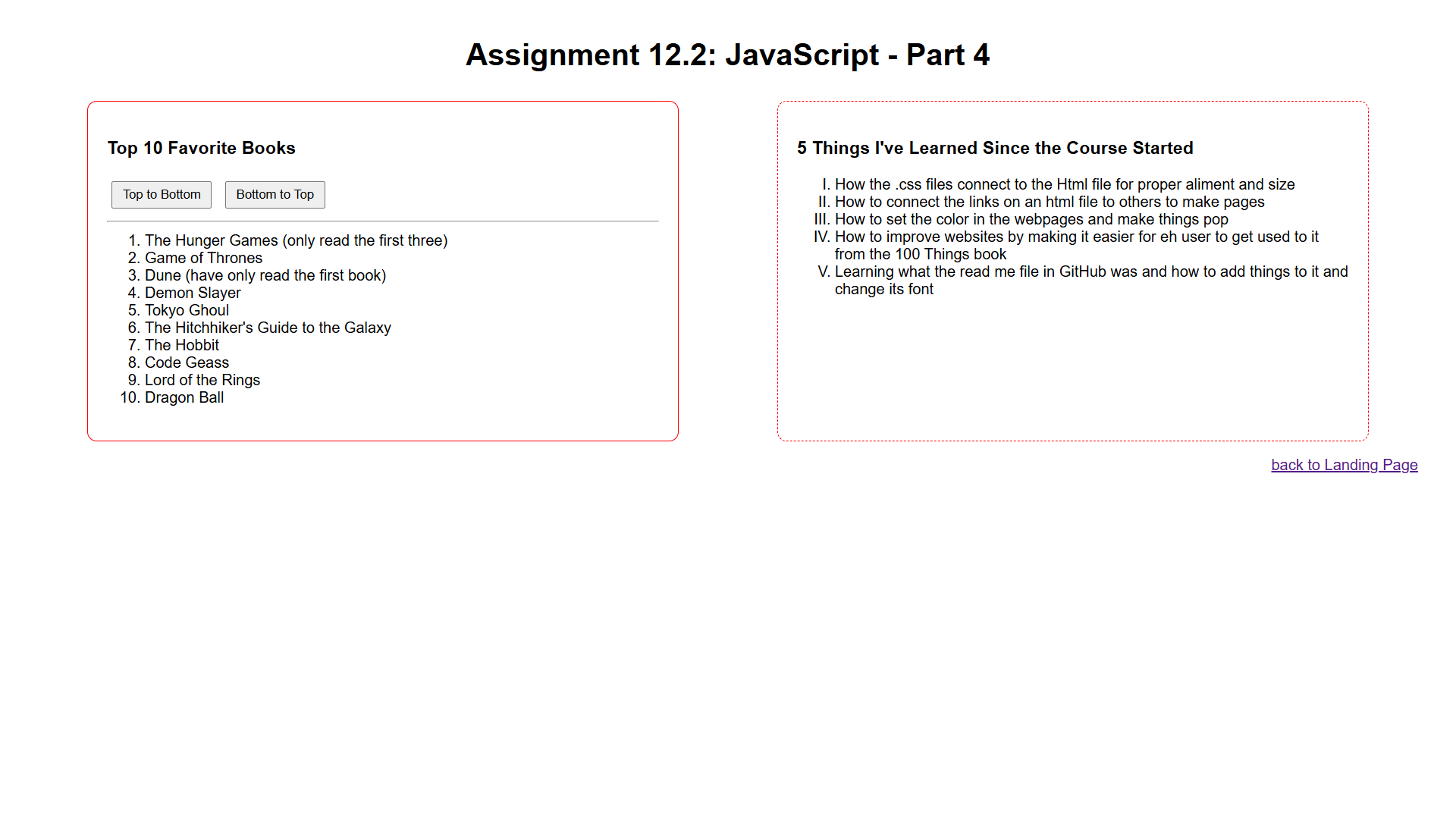
</script>

</body>

</html>

**Picture of webpage**

**Top to Bottom and Bottom to Top**

****