**index.html**

<!DOCTYPE html>

<html lang="en">

<head>

<meta charset="UTF-8">

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

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

<title>Title</title>

<link rel="stylesheet" href="./css/bootstrap.min.css">

</head>

<body>

<div class="container">

<div class="row">

<div class="col-sm-12">

<h1 class="text-primary">Sort array using JavaScript</h1>

<hr>

<form id="myform">

<div class="form-group">

<label for="arrayInput">Enter an array: </label>

<input type="text" class="form-control" name="arrayInput" id="arrayInput"

aria-describedby="helpId" pattern="([0-9.]+\s+)\*[0-9.]+" required />

<small id="helpId" class="form-text text-muted">

Enter a list of integers separated by spaces

</small>

</div>

<button type="submit" class="btn btn-primary">Sort</button>

</form>

<br>

<h4 id="sortedArray"></h4>

</div>

</div>

</div>

<script src="./js/bootstrap.min.js"></script>

<script src="./js/jquery-3.3.1.min.js"></script>

<script>

$(document).ready(function () {

$('#myform').submit(function (event) {

event.preventDefault();

*// const arrayInput = $('#arrayInput');*

const sortedArrayOutput = $('#sortedArrayOutput');

let array = $('#arrayInput').val().split(' ').map((value) => +value);

bubbleSort(array);

$('#sortedArray').text('Sorted Array: ' + array.join(', '));

});

function bubbleSort(array) {

const n = array.length;

for (let i = 0; i < n - 1; i++) {

for (let j = 0; j < n - i - 1; j++) {

if (array[j] > array[j + 1]) {

let temp = array[j];

array[j] = array[j + 1];

array[j + 1] = temp;

}

}

}

}

});

</script>

</body>

</html>

