Index.html

<!DOCTYPE html>

<html lang="en">

<head>

<meta charset="UTF-8">

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

<title>String and Number Manipulation</title>

<style>

body {

font-family: Arial, sans-serif;

background-color: #f0f0f0;

padding: 20px;

}

.container {

background-color: white;

padding: 20px;

border-radius: 10px;

box-shadow: 0 2px 10px rgba(0, 0, 0, 0.1);

max-width: 400px;

margin: auto;

}

input {

width: 100%;

padding: 10px;

margin: 10px 0;

border: 1px solid #ccc;

border-radius: 5px;

}

button {

padding: 10px;

border: none;

border-radius: 5px;

background-color: #007bff

color: white;

  cursor: pointer ;

width: 100%;

}

button:hover {

background-color: #0056b3;

}

.result {

margin-top: 20px;

font-weight: bold;

}

</style>

</head>

<body>

<div class="container">

<h1>String and Number Manipulation</h1>

<h2>1. String Length</h2>

<input type="text" id="stringInput" placeholder="Enter a string">

<button onclick="calculateStringLength()">Get String Length</button>

<div id="stringResult" class="result"></div>

<h2>2. Reverse Number</h2>

<input type="number" id="numberInput" placeholder="Enter a number">

<button onclick="reverseNumber()">Reverse Number</button>

<div id="numberResult" class="result"></div>

</div>

<script>

// Function to calculate the length of a string

function calculateStringLength() {

const str = document.getElementById('stringInput').value;

const length = str.length;

document.getElementById('stringResult').innerText = `Length of the string: ${length}`;

}

// Function to reverse the digits of a number

function reverseNumber() {

const num = document.getElementById('numberInput').value;

const reversed = num.toString().split('').reverse().join('');

document.getElementById('numberResult').innerText = `Reversed number: ${reversed}`;

}

</script>

</body>

</html>

OUTPUT:

