Name: Pawan Pilgulwar Roll No: 205

Batch: S5

Program :-

<!DOCTYPE html>

<html lang="en">

<head>

<meta charset="UTF-8">

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

<title>Prime Numbers</title>

<style>

body {

font-family: Arial, sans-serif; background: #e6f3ff; display: flex;

flex-direction: column; align-items: center; justify-content: center; height: 100vh;

margin: 0;

}

.container { background: #fff; padding: 5rem 6rem; border-radius: 10px;

box-shadow: 0 2px 8px rgba(0,0,0,0.1); text-align: center;

}

input[type="text"] {

padding: 0.5rem; width: 250px; font-size: 1rem;

border: 1px solid #ccc; border-radius: 5px; margin-bottom: 1rem;

}

button {

padding: 0.5rem 1.5rem; font-size: 1rem; background: #28a745; color: #fff;

border: none; border-radius: 5px; cursor: pointer;

margin-bottom: 1rem;

}

button:hover { background: #218838;

}

.result {

font-size: 1.2rem; color: #333; margin-top: 1rem;

}

</style>

</head>

<body>

<div class="container">

<h2>Prime Numbers</h2>

<input type="text" id="startNumber" placeholder="Enter starting number">

<br>

<input type="text" id="endNumber" placeholder="Enter ending number">

<br>

<button onclick="displayPrimes()">Display Primes</button>

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

</div>

<script>

function isPrime(num) {

if (num <= 1) return false; for (let i = 2; i < num; i++) {

if (num % i === 0) return false;

}

return true;

}

function displayPrimes() {

const start = parseInt(document.getElementById('startNumber').value); const end = parseInt(document.getElementById('endNumber').value); let primes = [];

for (let i = start; i <= end; i++) { if (isPrime(i)) {

primes.push(i);

}

}

document.getElementById('result').textContent = `Prime numbers: ${primes.join(',

')}`;

}

</script>

</body>

</html>

OUTPUT:

