

• **Develop and demonstrate a HTML file that includes JavaScript for the following problems:**

**a. Input: A starting and ending number**

**b. Output: find all the prime numbers between starting and ending number.**

**Code:**

```
<!DOCTYPE html>

<html lang="en">

<head>

  <meta charset="UTF-8">

  <title>Prime Number </title>

  <script>

    function isPrime(num) {

      if (num < 2) return false;

      for (let i = 2; i <= Math.sqrt(num); i++) {

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

      }

      return true;

    }

    function findPrimesWithPopups() {

      let start = parseInt(prompt("Enter the starting number:"));

      let end = parseInt(prompt("Enter the ending number:"));

      let primes = [];
```

```
for (let i = start; i <= end; i++) {  
    if (isPrime(i)) {  
        primes.push(i);  
    }  
}  
  
if (primes.length > 0) {  
    alert("Prime numbers between " + start + " and " + end + ":\n" + primes.join(", "));  
} else {  
    alert("No prime numbers found between " + start + " and " + end + ".");  
}  
}  
  
window.onload = findPrimesWithPopups;  
  
</script>  
  
</head>  
  
<body>  
</body>  
</html>
```

### Output:



