

LAB 6\logic.js

```
1 function checkPrime() {  
2     let num = document.getElementById('numberInput').value;  
3     let result = document.getElementById('result');  
4     num = parseInt(num);  
5  
6     if (isNaN(num) || num < 2) {  
7         result.textContent = 'Please enter a valid number (greater than 1).';  
8         return;  
9     }  
10  
11     for (let i = 2, s = Math.sqrt(num); i <= s; i++) {  
12         if (num % i === 0) {  
13             result.textContent = num + ' is not a prime number.';  
14             return;  
15         }  
16     }  
17  
18     result.textContent = num + ' is a prime number!';  
19 }  
20
```