

# Prime Number Checker in JavaScript

```
function isPrime(num) {  
    if (num <= 1) return false; // 0 and 1 are not prime numbers  
    if (num <= 3) return true; // 2 and 3 are prime numbers  
  
    // Check divisibility by 2 and 3  
    if (num % 2 === 0 || num % 3 === 0) return false;  
  
    // Check divisibility from 5 to the square root of the number  
    for (let i = 5; i * i <= num; i += 6) {  
        if (num % i === 0 || num % (i + 2) === 0) return false;  
    }  
  
    return true;  
}  
  
// Example usage  
const number = 29;  
console.log(`${number} is prime?`, isPrime(number));
```