JavaScript

Coding challenge #19

Create a function that will return in an array the first "nPrimes" prime numbers greater than a particular number "startAt"

JS Demo.js

```
function isPrime(n) {
  if (n ⩽ 1) return false;
  for (let i = 2; i ⩽ Math.sqrt(n); i++) {
    if (n % i ⩵ 0) return false;
  }
  return true;
}

function getPrimes(nPrimes, startAt) {
  let primes = [];
  let i = startAt;
  while (primes.length < nPrimes) {
    if (isPrime(i)) primes.push(i);
    i++;
  }
  return primes;
}

console.log(getPrimes(10, 100));
```

explanation →

Explanation

- **isPrime function:**
  - Checks if a number n is greater than 1.
  - Iterates from 2 to the square root of n to check for divisibility.
  - Returns false if n is divisible; otherwise, returns true.
- **getPrimes function:**
  - Takes nPrimes (number of primes) and startAt (starting number).
  - Finds and returns an array of nPrimes prime numbers starting from startAt.
- **Main execution (console.log(getPrimes(10, 100))):**
  - Prints the first 10 prime numbers starting from 100 to the console.

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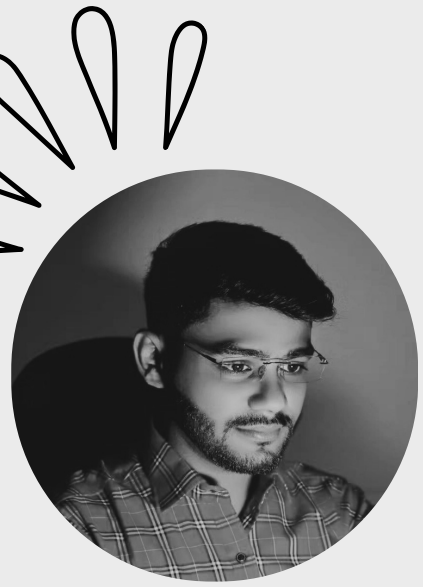

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