❖Prime Number :

Explanation: -

If the number is less than or equal to 1, it's not prime.
If divisor * divisor > num, it means we have checked all possible divisors, so the number is prime.
If num % divisor == 0, it means the number is divisible by divisor, so it's not prime.
The function calls itself with the next divisor (divisor + 1).

Time Complexity: - O(√n)
Space Complexity: - O(√n)