

Code Query Solution

Query: Check if a number is prime

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```
def is_prime(n):  
    if n <= 1:  
        return False  
    if n <= 3:  
        return True  
    if n % 2 == 0 or n % 3 == 0:  
        return False  
    i = 5  
    while i * i <= n:  
        if n % i == 0 or n % (i + 2) == 0:  
            return False  
        i += 6  
    return True
```