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# Day 20
# coding Statement : Write a program to identify
# if the number is Prime number or not
import math
def isPrime(num):

    if num <= 1:
        return False

    for i in range(2, int(math.sqrt(num)) + 1):

        if num % i == 0:
            return False

    return True

if __name__ == "__main__":

    num = int(input("Enter the number: "))

    if isPrime(num):
        print(f"{num} is a prime number")

    else:
        print(f"{num} is not a prime number")
```