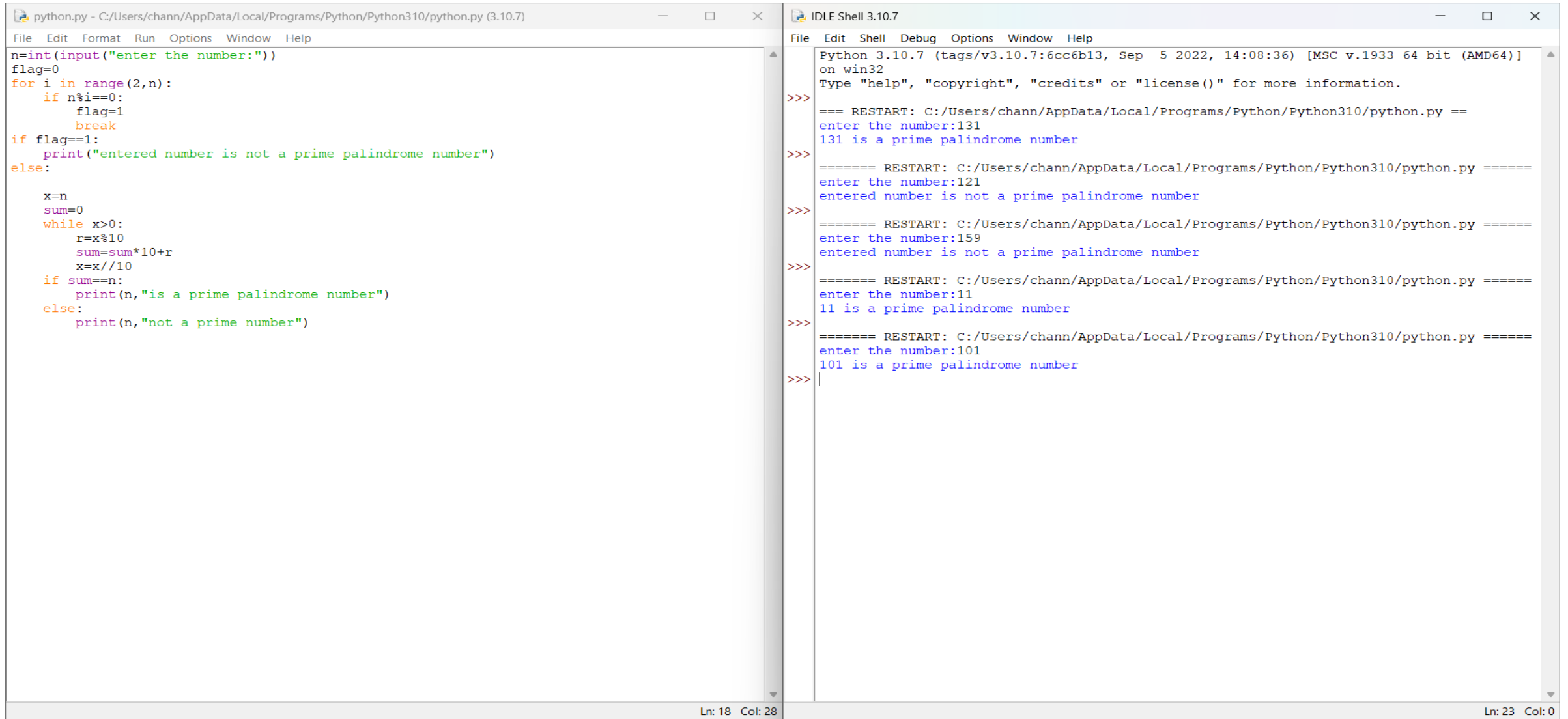


# Write a program to find the nth prime palindrome number

```
• n=int(input("enter the number:"))
• flag=0
• for i in range(2,n):
•     if n%i==0:
•         flag=1
•         break
• if flag==1:
•     print("entered number is not a prime palindrome number")
• else:
•
•     x=n
•     sum=0
•     while x>0:
•         r=x%10
•         sum=sum*10+r
•         x=x//10
•     if sum==n:
•         print(n,"is a prime palindrome number")
•     else:
•         print(n,"not a prime number")
```

# Output



The image shows a Python IDE with two windows. The left window displays a Python script for checking prime palindromes. The right window shows the output of the script, including several restarts and test cases.

```
python.py - C:/Users/chann/AppData/Local/Programs/Python/Python310/python.py (3.10.7)
File Edit Format Run Options Window Help
n=int(input("enter the number:"))
flag=0
for i in range(2,n):
    if n%i==0:
        flag=1
        break
if flag==1:
    print("entered number is not a prime palindrome number")
else:
    x=n
    sum=0
    while x>0:
        r=x%10
        sum=sum*10+r
        x=x//10
    if sum==n:
        print(n,"is a prime palindrome number")
    else:
        print(n,"not a prime number")
Ln: 18 Col: 28
```

```
IDLE Shell 3.10.7
File Edit Shell Debug Options Window Help
Python 3.10.7 (tags/v3.10.7:6cc6b13, Sep 5 2022, 14:08:36) [MSC v.1933 64 bit (AMD64)]
on win32
Type "help", "copyright", "credits" or "license()" for more information.
>>>
==== RESTART: C:/Users/chann/AppData/Local/Programs/Python/Python310/python.py ====
enter the number:131
131 is a prime palindrome number
>>>
===== RESTART: C:/Users/chann/AppData/Local/Programs/Python/Python310/python.py =====
enter the number:121
entered number is not a prime palindrome number
>>>
===== RESTART: C:/Users/chann/AppData/Local/Programs/Python/Python310/python.py =====
enter the number:159
entered number is not a prime palindrome number
>>>
===== RESTART: C:/Users/chann/AppData/Local/Programs/Python/Python310/python.py =====
enter the number:11
11 is a prime palindrome number
>>>
===== RESTART: C:/Users/chann/AppData/Local/Programs/Python/Python310/python.py =====
enter the number:101
101 is a prime palindrome number
>>>
Ln: 23 Col: 0
```