Đề 2:

Phần 1 :

Câu 1: import pytest

def checkbcd(inb):

    if inb >= 0 and inb < 1001:

        return True

    else:

        return False

try:

    num = int(input("Input binary value: "), 2)

    checkbcd(num)

except ValueError:

    print("Please input only binary value.")

#Test

a\_equal = 100

a\_ans = True

b\_1bigger = 1100

b\_ans = False

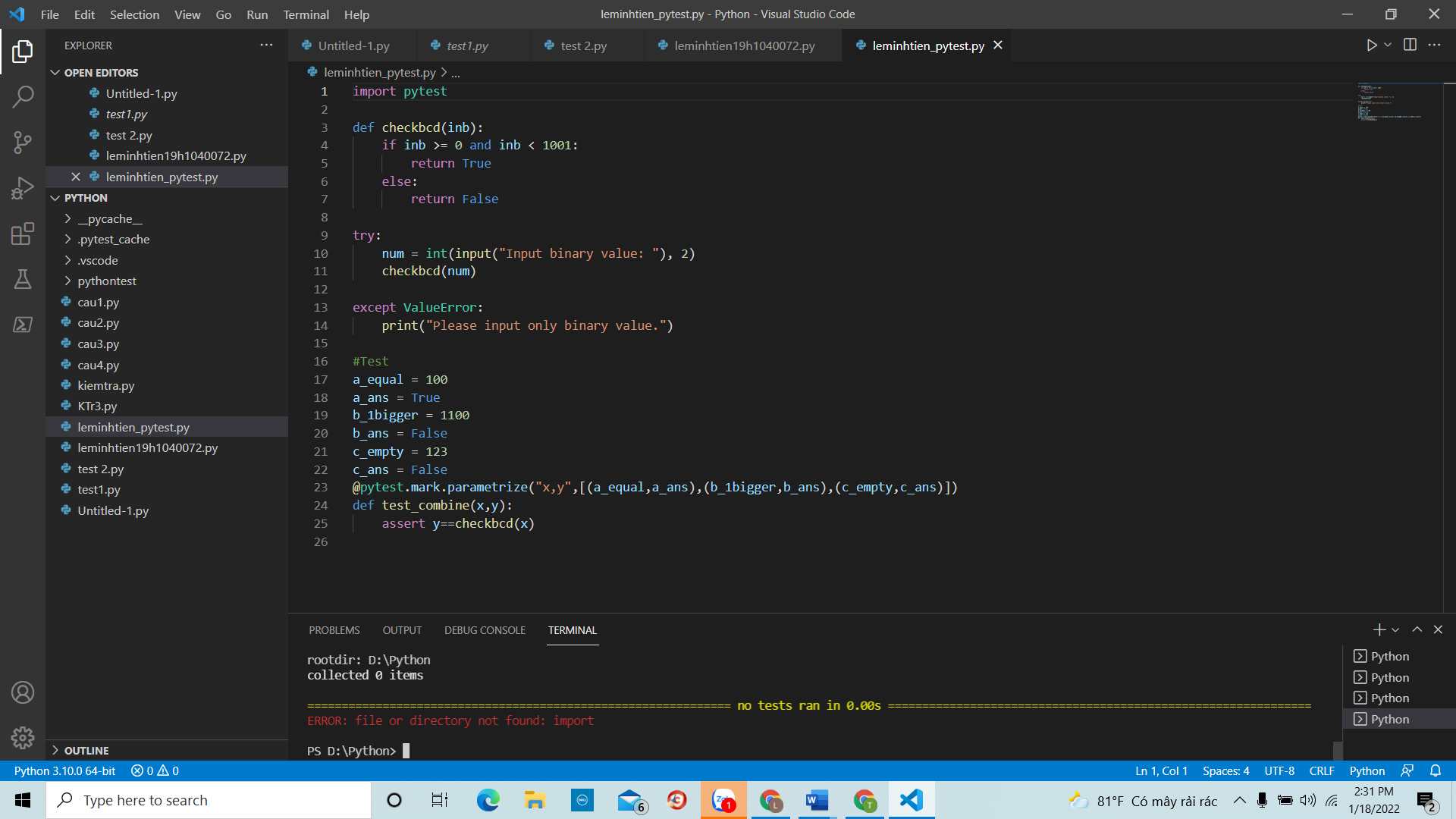
c\_empty = 123

c\_ans = False

@pytest.mark.parametrize("x,y",[(a\_equal,a\_ans),(b\_1bigger,b\_ans),(c\_empty,c\_ans)])

def test\_combine(x,y):

    assert y==checkbcd(x)



Phần 2 :

Câu 1:

n = float(input("Moi nhap real\_number: "))

m = float(input("Moi nhap image\_number: "))

class Sothuc :

    def \_\_init\_\_(self,real\_number) :

        self.real\_number = real\_number

    def sothuc(self) :

        return (self.real\_number \*\*2) \*\* 0.5

class Sophuc(Sothuc) :

    def \_\_init\_\_(self,real\_number, image\_number) :

        super().\_\_init\_\_(real\_number)

        self.image\_number = image\_number

    def module(self) :

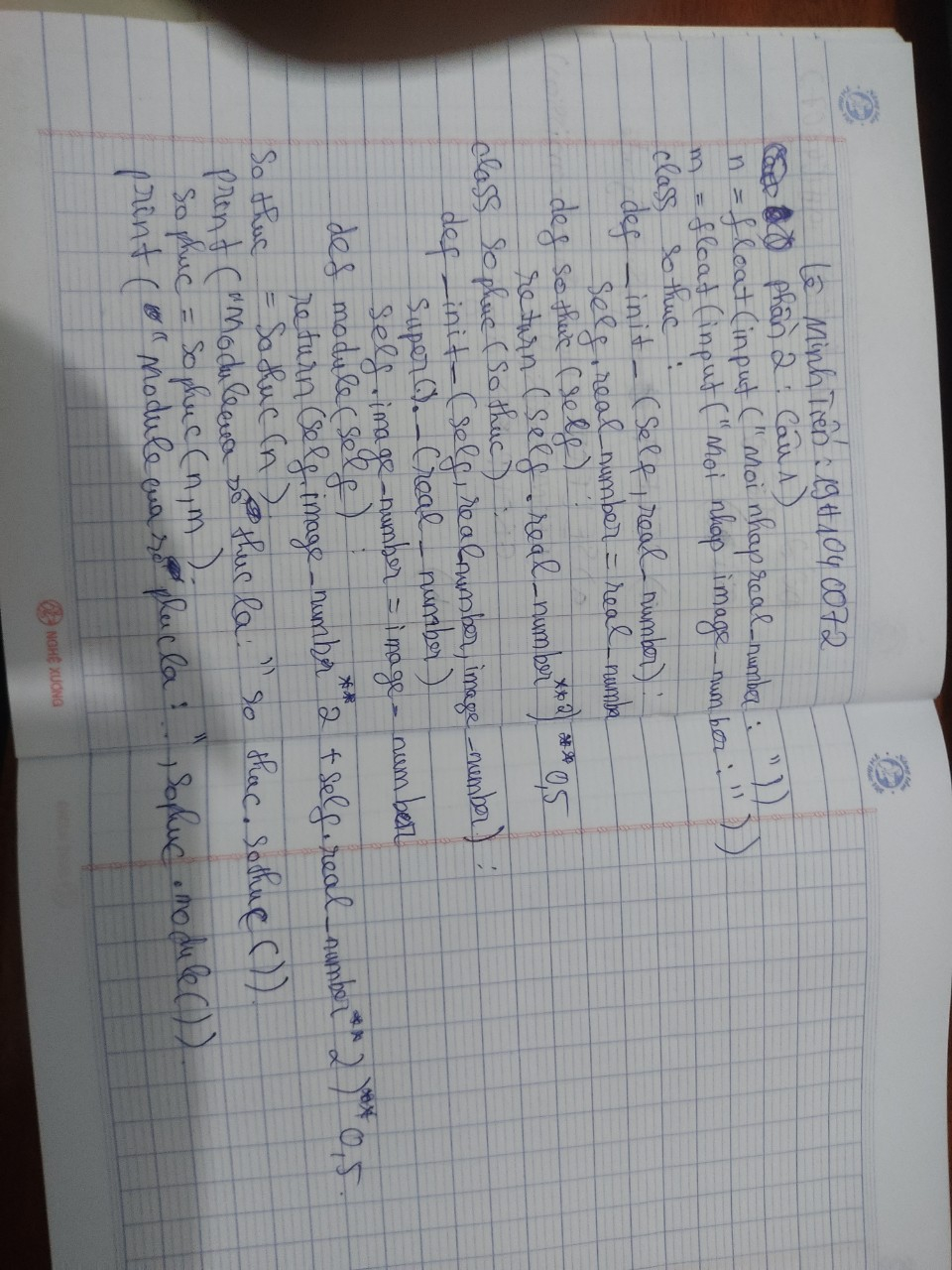
        return (self.image\_number\*\*2 + self.real\_number\*\*2) \*\* 0.5

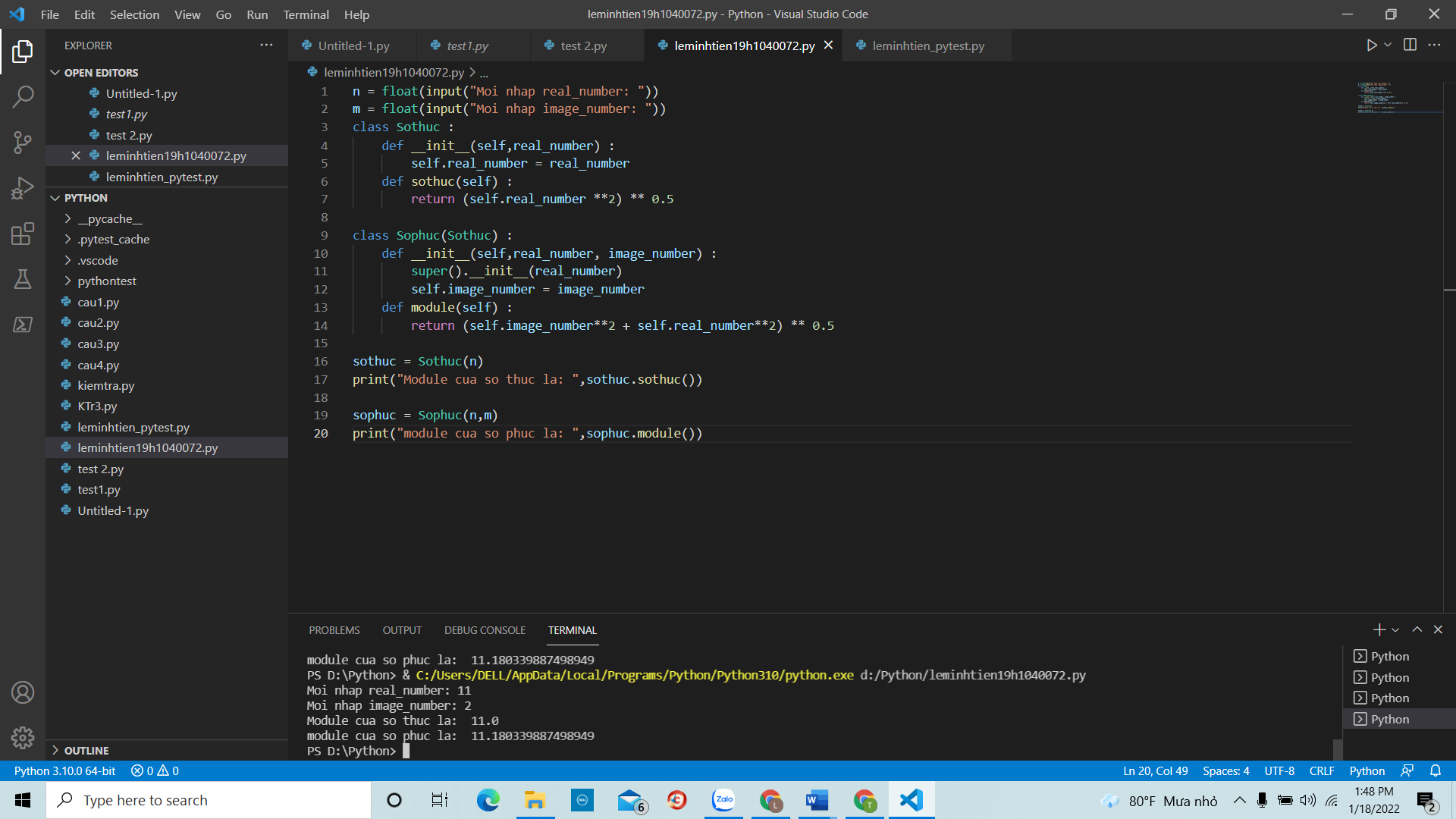
sothuc = Sothuc(n)

print("Module cua so thuc la: ",sothuc.sothuc())

sophuc = Sophuc(n,m)

print("module cua so phuc la: ",sophuc.module())





Câu 2:

SELECT city, sum(commission)

FROM salesman

Group BY city;

b)

SELECT a.cust\_name AS "Customer Name",

a.city, b.name AS "Salesman", b.commission

FROM customer a

INNER JOIN salesman b

ON a.salesman\_id=b.salesman\_id

WHERE b.commission>0.12;

