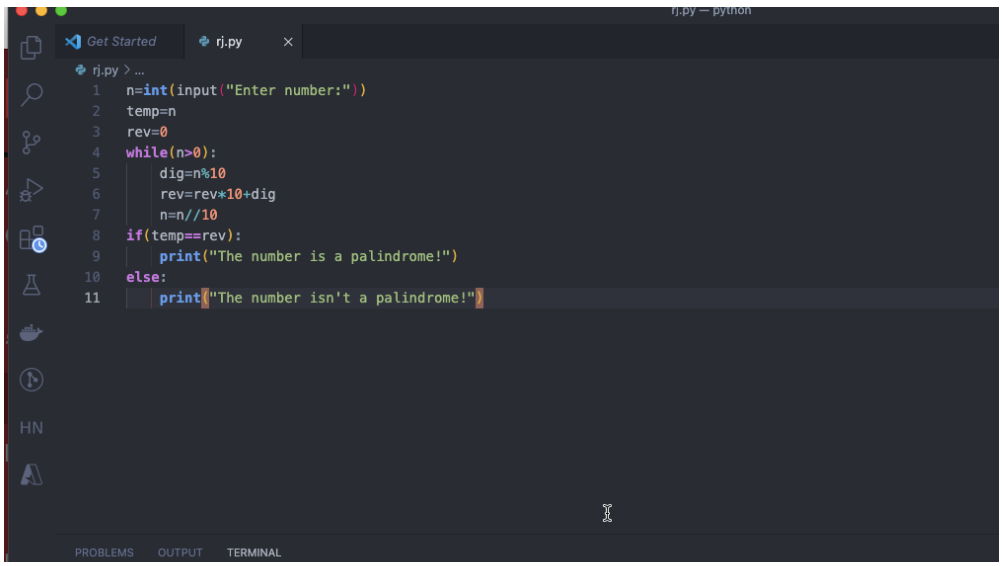
NAME –
UID –
SUBJECT PYTHON LAB
EXP - 1.2
D.O.F – 24/02/22
BRANCH CSE (B.TECH/ B.E)
SEC-

1. Python Program to check whether a given number is a palindrome.

```
n=int(input("Enter number:"))
temp=n
rev=0
while(n>0):
    dig=n%10
    rev=rev*10+dig
    n=n//10
if(temp==rev):
    print("The number is a palindrome!")
else:
    print("The number isn't a palindrome!")
```

CODE IN COMPILER –



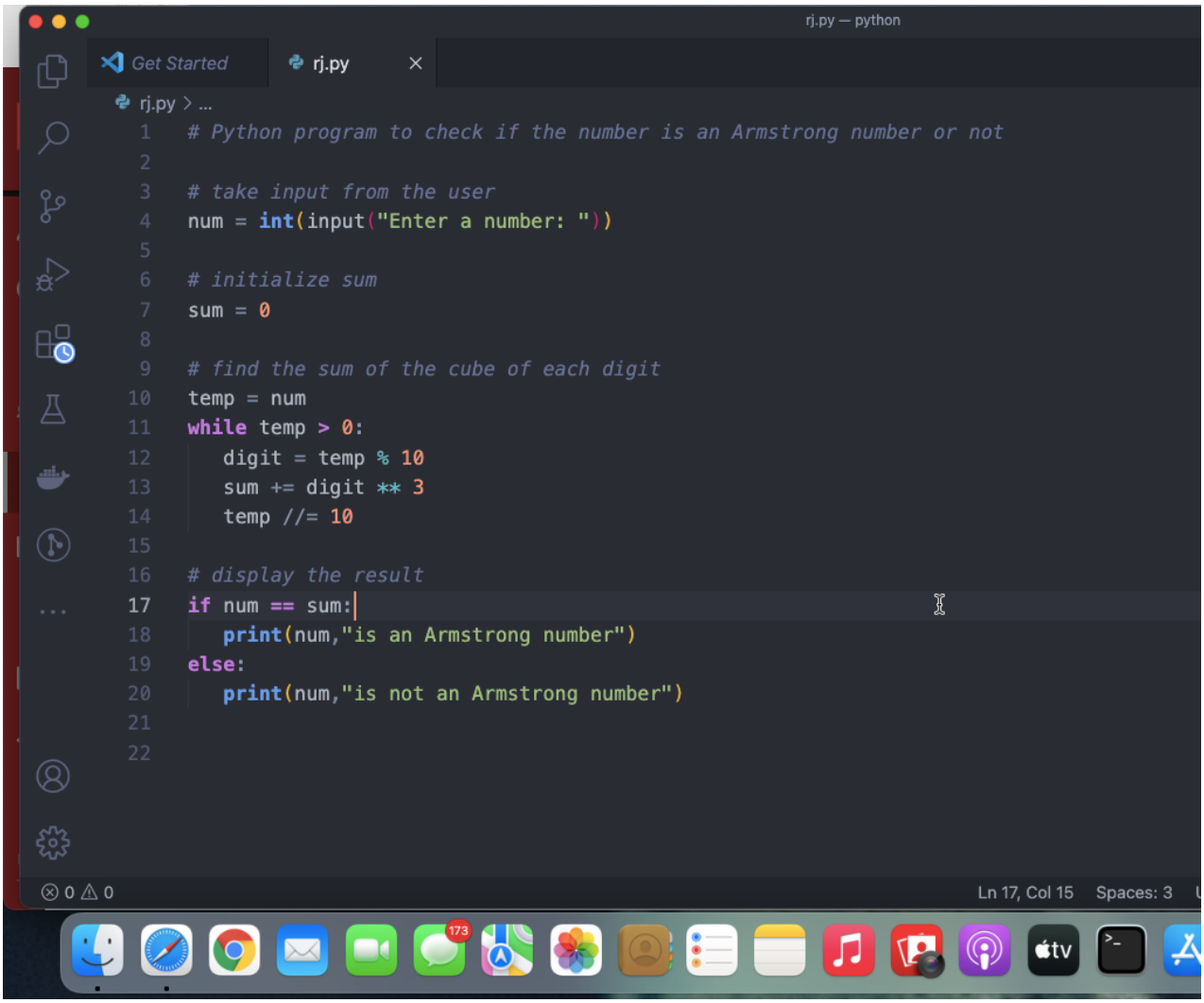
OUTPUT

2 .Python Program to check Whether entered number is Armstrong or Not?

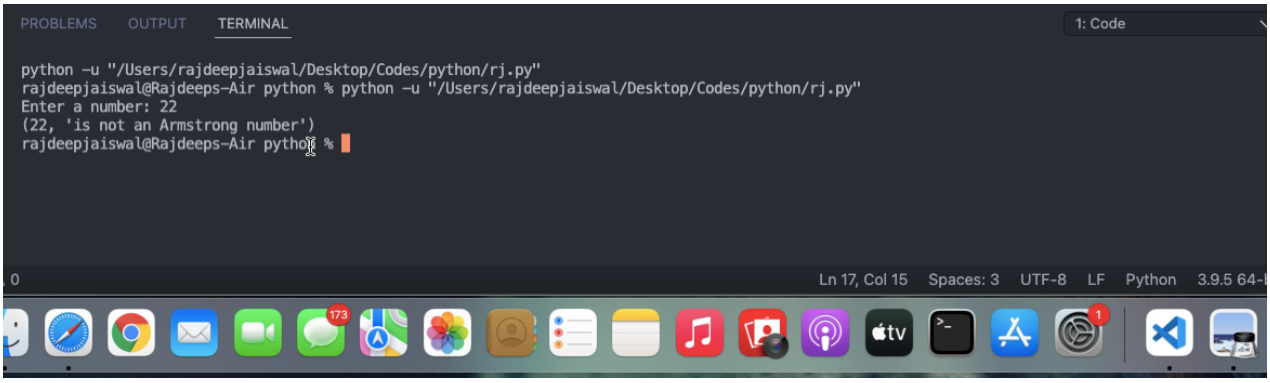
CODE-

```python
# Python program to check if the number is an Armstrong number or not

# take input from the user
num = int(input("Enter a number: "))

# initialize sum
sum = 0

# find the sum of the cube of each digit
temp = num
while temp > 0:
   digit = temp % 10
   sum += digit ** 3
   temp //= 10

# display the result
if num == sum:
   print(num,"is an Armstrong number")
else:
   print(num,"is not an Armstrong number")
```

CODE IN COMPILER



OUTPUT

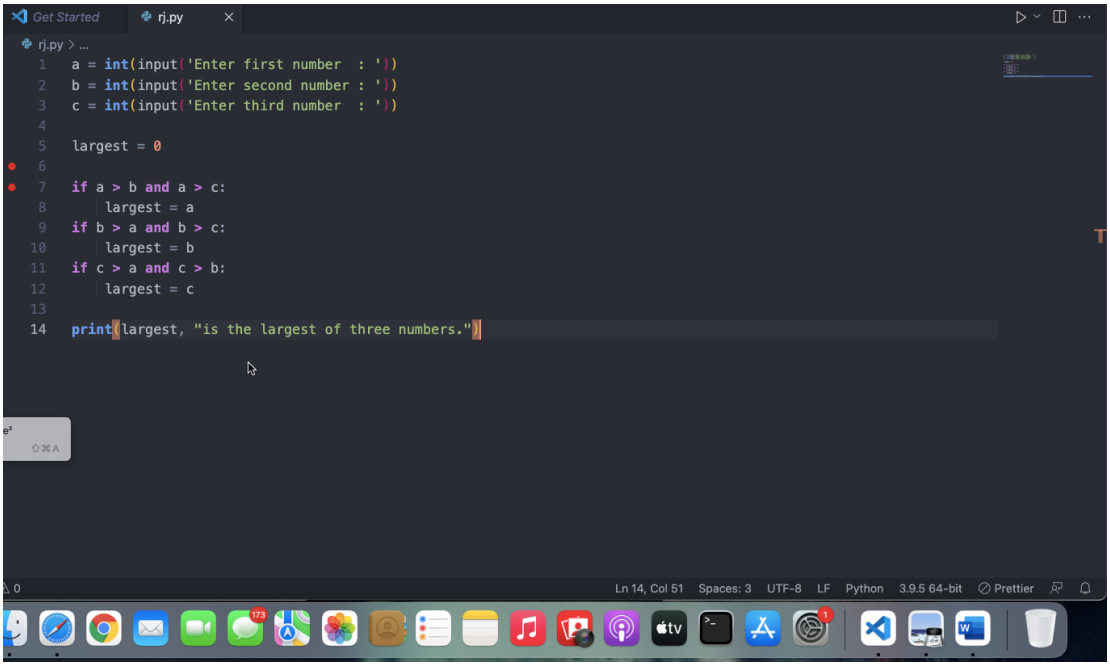


3 Python Program to Take three numbers from the user and print the greatest number

CODE –

```
a = int(input('Enter first number  : '))
b = int(input('Enter second number : '))
c = int(input('Enter third number  : '))

largest = 0

if a > b and a > c:
    largest = a
if b > a and b > c:
    largest = b
if c > a and c > b:
    largest = c

print(largest, "is the largest of three numbers.")
```

CODE IN COMPILER –



OUTPUT