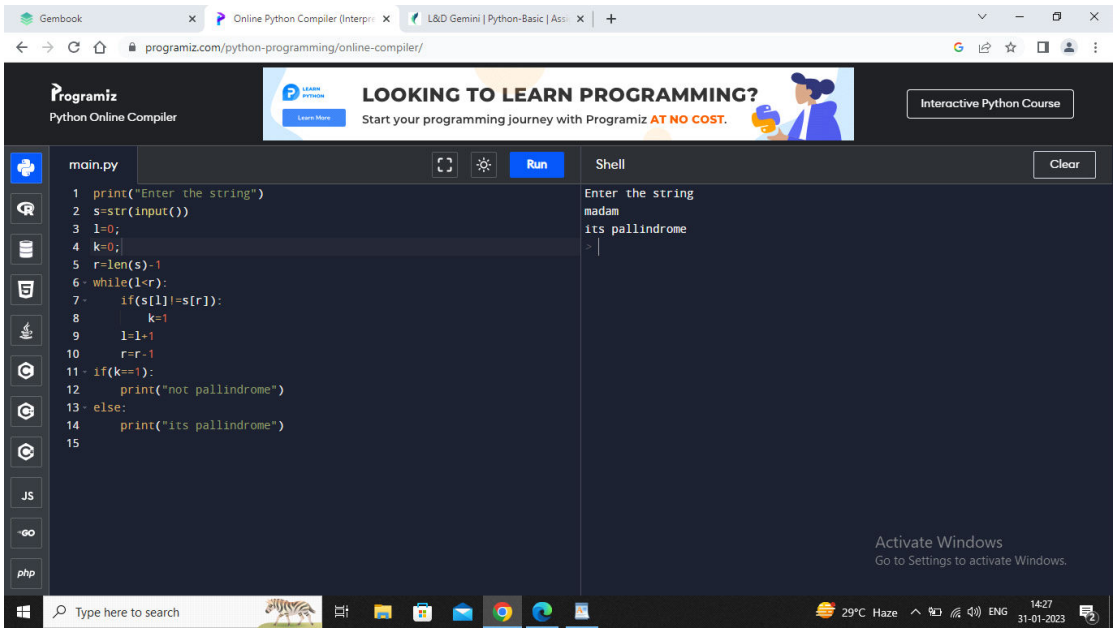
11.Write a Python function that checks whether a passed string is palindrome or not

```
print("Enter the string")
s=str(input())
l=0;
k=0;
r=len(s)-1
while(l<r):
    if(s[l]!=s[r]):
        k=1
    l=l+1
    r=r-1
if(k==1):
    print("not pallindrome")
else:
    print("its pallindrome")
```



13. ordering the string

s='''Twinkle, twinkle, little star, How I wonder what you are! Up

above the world so high, Like a diamond in the sky. Twinkle, twinkle, little star,

How I

wonder what you are'''

print(s)

print("\n")

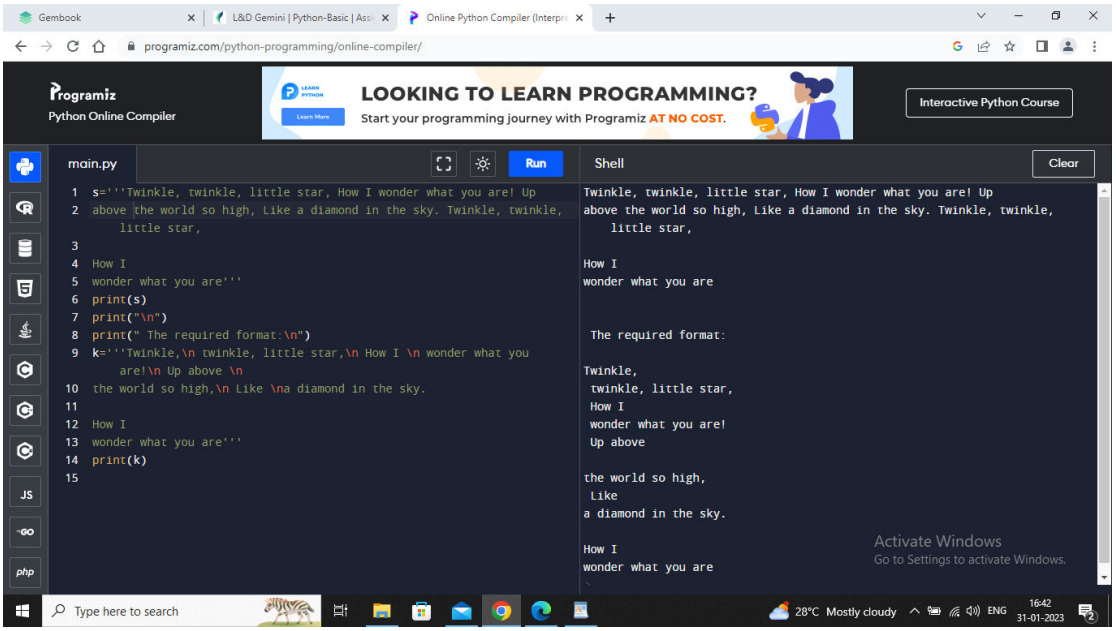
print(" The required format:\n")

k='''Twinkle,\n twinkle, little star,\n How I \n wonder what you are!\n Up above \n

the world so high,\n Like \na diamond in the sky.How I

wonder what you are'''

print(k)

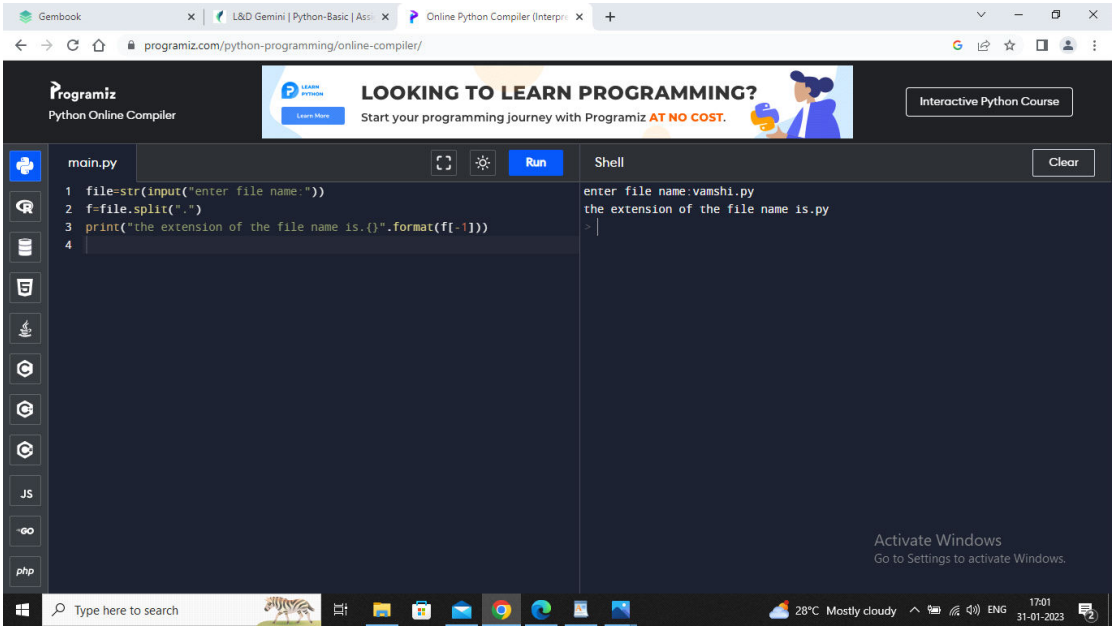


14.Write a Python program to accept a filename from the user and print the extension of that.

file=str(input("enter file name:"))

f=file.split(".")

print("the extension of the file name is.{}".format(f[-1]))



15.Write a Python program that accepts an integer (n) and computes the value of

n+nn+nnn

Sample value of n is 5

n=int(input())

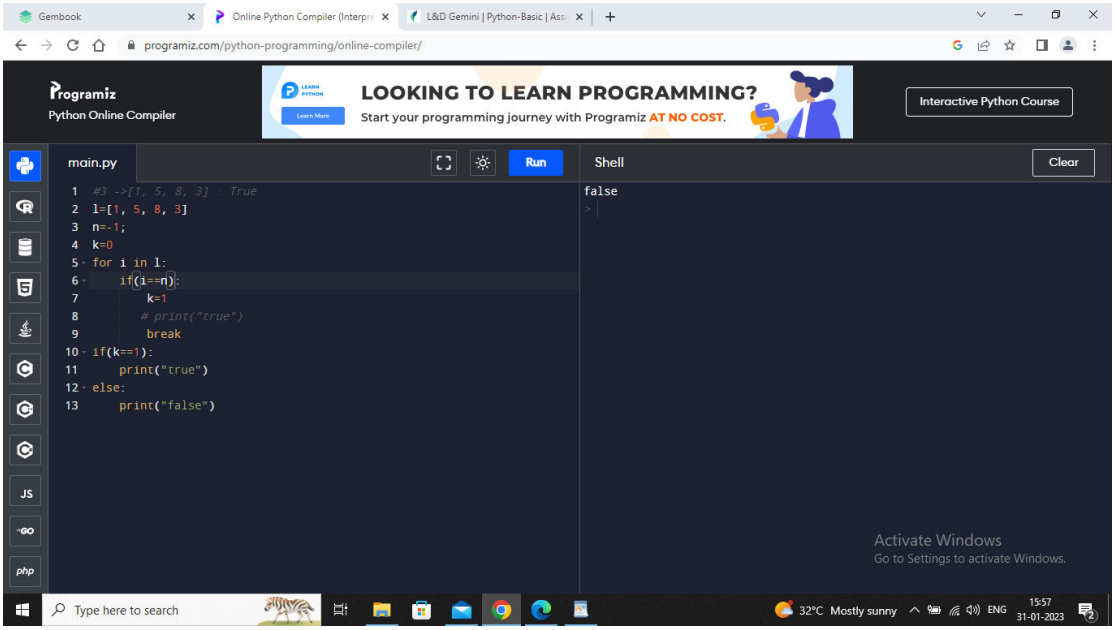
h=str(n)

t=h+h

t2=h+h+h

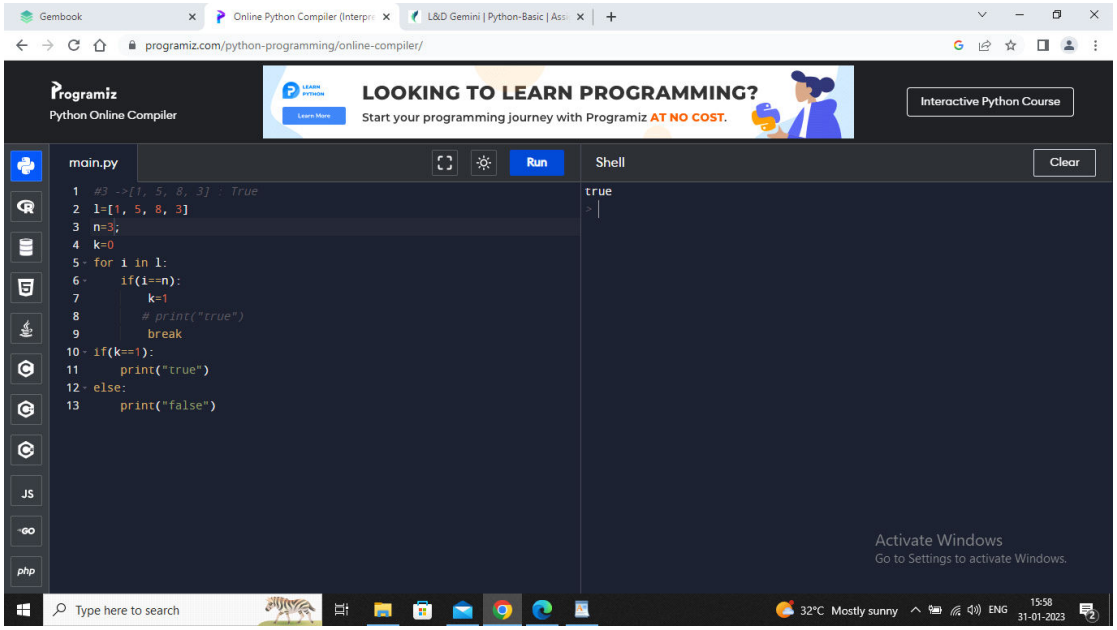
sum=n+int(t)+int(t2)

print("the value {} of n+nn+nnn = {}".format(n,sum))



16.Write a Python program to check whether a specified value is contained in a group of values.

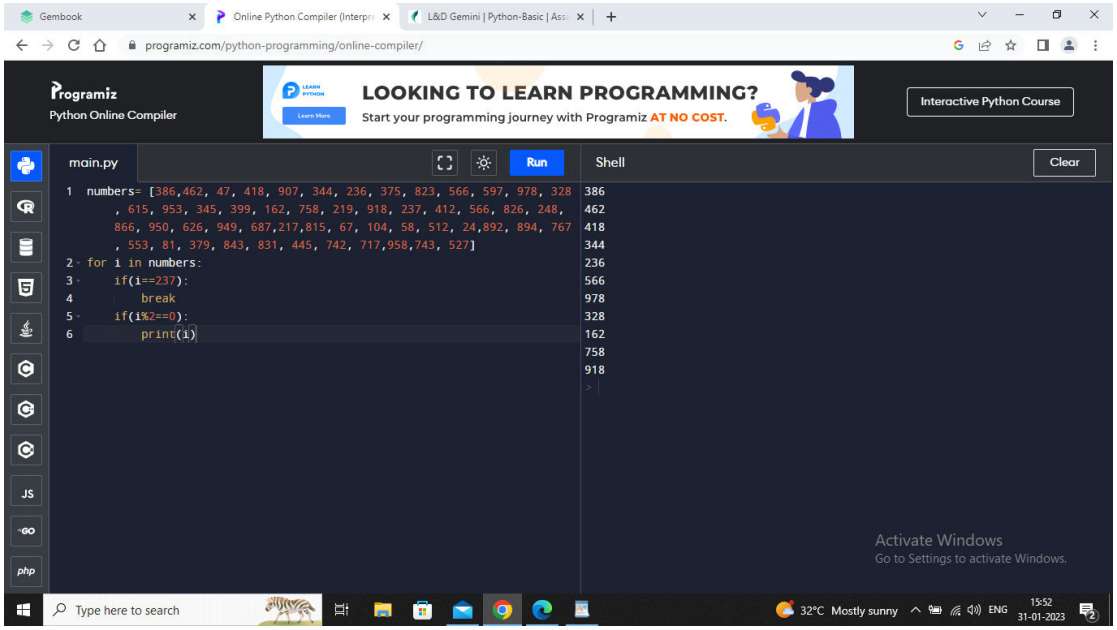
```
l=[1, 5, 8, 3]

n=3;

k=0

for i in l:

        if(i==n):

                k=1

              # print("true")

                break

if(k==1):

        print("true")

else:

        print("false")
```



17.Write a Python program to print all even numbers from a given numbers list in the same order and stop the printing if any numbers that come after 237 in the sequence.

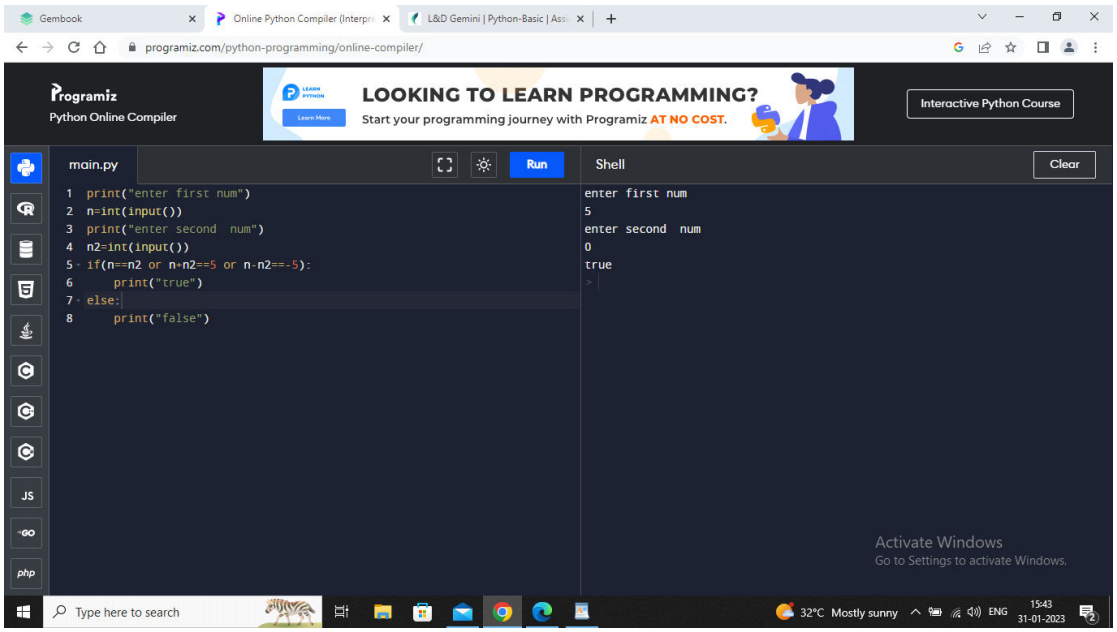
numbers= [386,462, 47, 418, 907, 344, 236, 375, 823, 566, 597, 978, 328, 615, 953, 345, 399, 162, 758, 219, 918, 237, 412, 566, 826, 248, 866, 950, 626, 949, 687,217,815, 67, 104, 58, 512, 24,892, 894, 767, 553, 81, 379, 843, 831, 445, 742, 717,958,743, 527]

```
for i in numbers:
    if(i==237):
        break
    if(i%2==0):
        print(i)
```



18.Write a Python program that will return true if the two given integer values are equal or their sum or difference is 5.

```
print("enter first num")

n=int(input())

print("enter second    num")

n2=int(input())

if(n==n2 or n+n2==5 or n-n2==-5):

    print("true")

else:

    print("false")
```



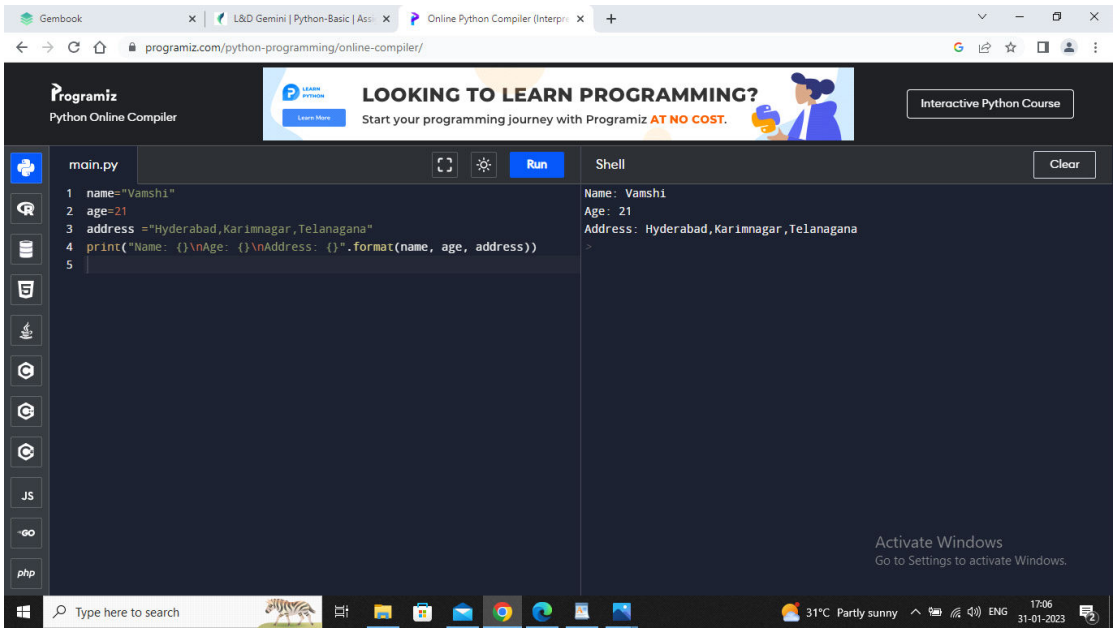
19.Write a Python program to display your details like name, age, address in three different lines

name="Vamshi"

age=21

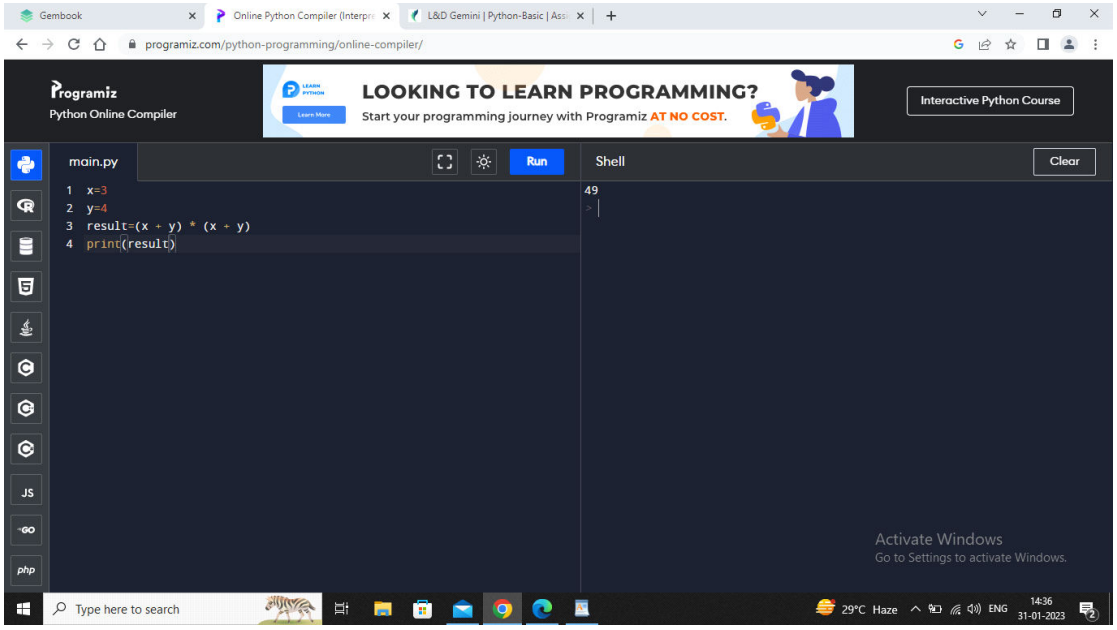
address ="Hyderabad,Karimnagar,Telanagana"

print("Name: {}\nAge: {}\nAddress: {}".format(name, age, address))



20.Write a Python program to solve (x + y) * (x + y).

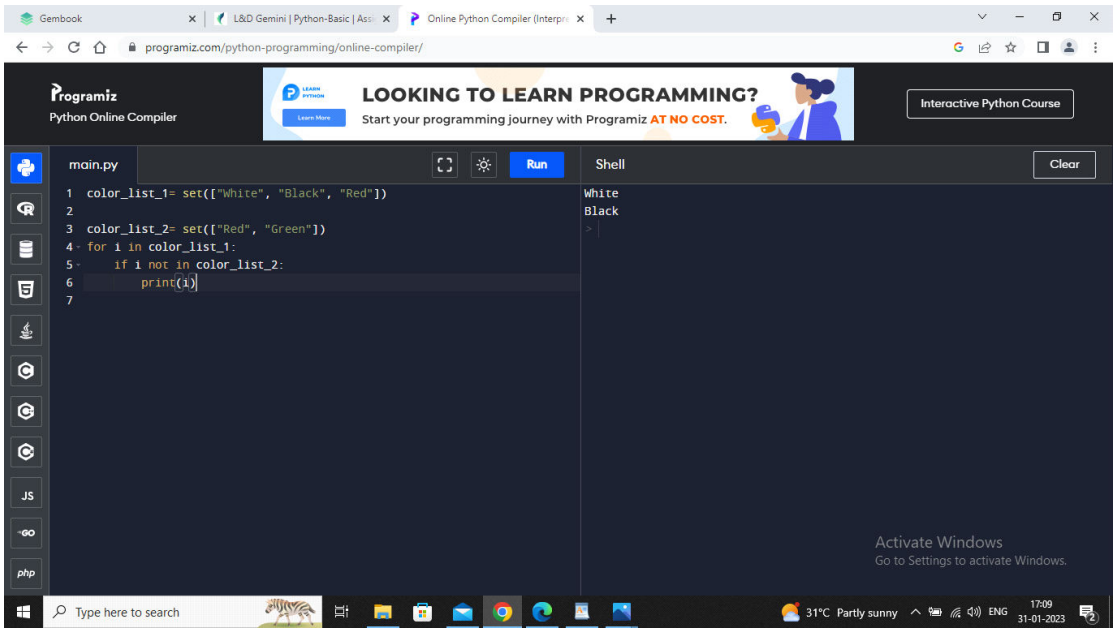
```
x=3

y=4

result=(x + y) * (x + y)

print(result)
```



21.Write a Python program to print out a set containing all the colors from color_list_1 which are not present in color_list_2.

code:

```
color_list_1= set(["White", "Black", "Red"])


color_list_2= set(["Red", "Green"])

for i in color_list_1:

    if i not in color_list_2:

        print(i)
```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main.py
Run
Shell
Clear
1 color_list_1= set(["White", "Black", "Red"])
2
3 color_list_2= set(["Red", "Green"])
4 for i in color_list_1:
5 if i not in color_list_2:
6 print(i)
7
White
Black
Activate Windows
Go to Settings to activate Windows.
Type here to search
31°C Partly sunny
ENG
17:09
31-01-2023