FREE AI Question Answering: A | Online Python Compiler (Interp

programiz.com/python-programming/online-compiler/

Programiz
Python Online Compiler

Programiz PRO >

main.py | Share | Run

```
1 a=["ani","ada","racecar","kal"]
2 result=""
3 for word in a:
4     if word==word[::-1]:
5         result=word
6         break
7 print("the first palindrome:",result)
```

Output | Clear

```
the first palindrome: ada

=== Code Execution Successful ===
```

Search

ENG
IN

20:34
07-10-2024

FREE AI Question Answering: A | Online Python Compiler (Interp | Online Python Compiler (Interp

programiz.com/python-programming/online-compiler/

Programiz
Python Online Compiler

Programiz PRO >

main.py | Share | Run

```
num1 = [2, 3, 2]
num2 = [1, 2, 4]
answer1=0
answer2=0
for i in range(len(num1)):
    if num1[i] in num2:
        answer1+=1
for j in range(len(num2)):
    if num2[j] in  num1:
        answer2+=1
result=[answer1,answer2]
print(result)
```

Output | Clear

```
[2, 1]

=== Code Execution Successful ===
```

84°F
Partly cloudy

Search

ENG
IN

21:03
07-10-2024

FREE AI Question Answering: A | Online Python Compiler (Interp | Online Python Compiler (Interp

programiz.com/python-programming/online-compiler/

Programiz
Python Online Compiler

Programiz PRO >

main.py | Share | Run | Output | Clear

```
1 num=[1,2,1]
2 sum=0
3 for i in range(len(num)):
4     distinct_elements=set()
5     for j in range(i,len(num)):
6         distinct_elements.add(num[j])
7         distinct_count=len(distinct_elements)
8         sum+=distinct_count**2
9 print(sum)
```

```
15

=== Code Execution Successful ===
```

84°F
Partly cloudy

Search

ENG
IN

21:23
07-10-2024

FREE AI Question Answerin | Online Python Compiler (I | GitHub | Online Python Compiler (I | ChatGPT | OpenAI | ChatGPT

programiz.com/python-programming/online-compiler/

Programiz
Python Online Compiler

Programiz PRO >

main.py

Share | Run

```
num=[1,1,1,2,1]
count=0
k=88
n=len(num)
for i in range(n):
    for j in range(i+1,n):
        if num[i]==num[j] and (i*j)%k==0:
            count+=1
print(count)
```

Output | Clear

```
3

=== Code Execution Successful ===
```

Upcoming Earnings | Search | ENG IN | 09:17 08-10-2024

Online Python Compiler (Interp

programiz.com/python-programming/online-compiler/

Programiz
Python Online Compiler

main.py

Share | Run

```
1 def maximum(num):
2     return max(num)
3 print("maximum number is",maximum([-10, 2, 3, -4, 5]))
4 print("maximum number is",maximum([-2,-7,-1,5,-5,75]))
5 print("maximum number is",maximum([1, 2, 3, 4, 5]))
```

Output | Clear

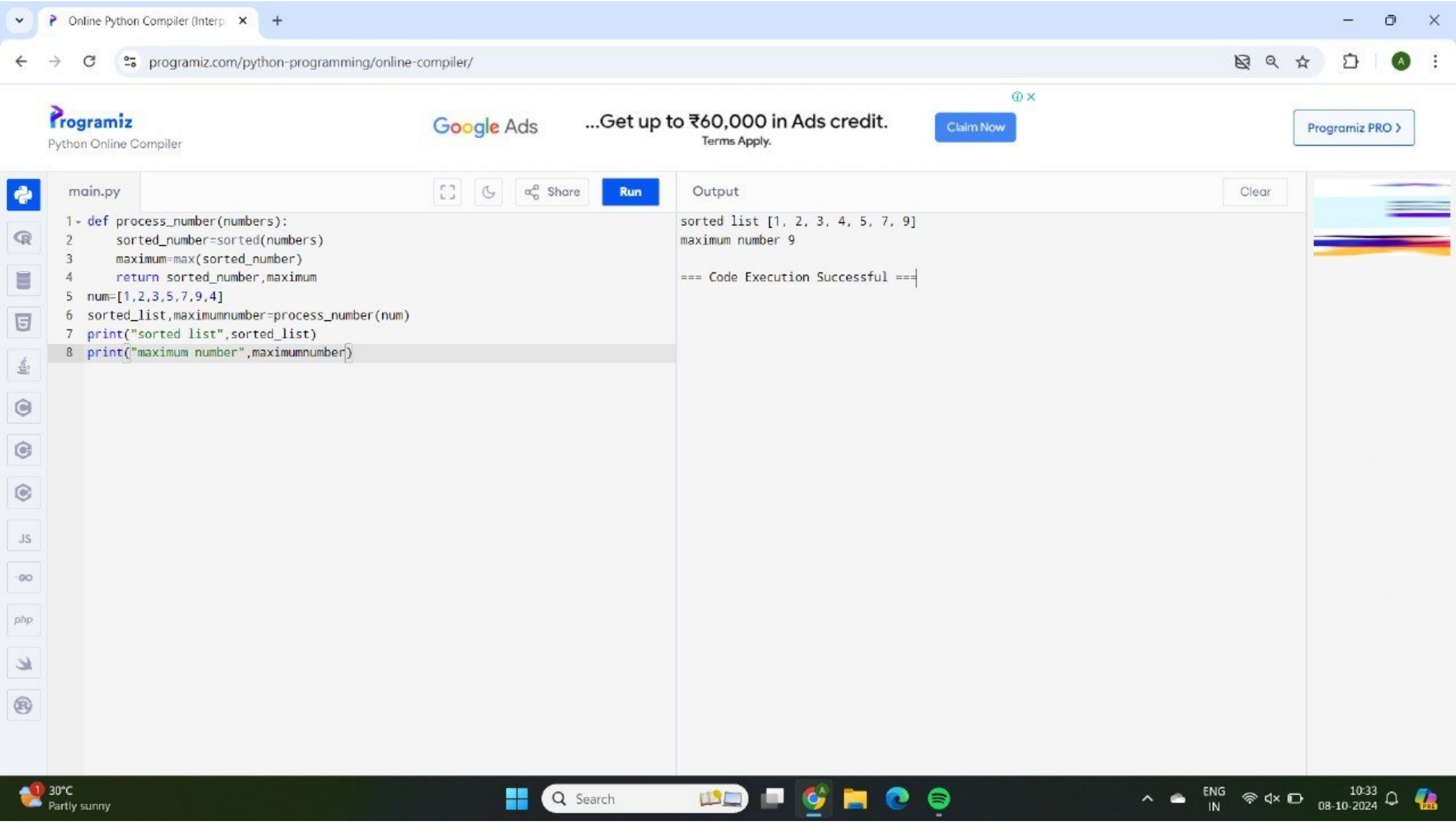
```
maximum number is 5
maximum number is 75
maximum number is 5

=== Code Execution Successful ===
```

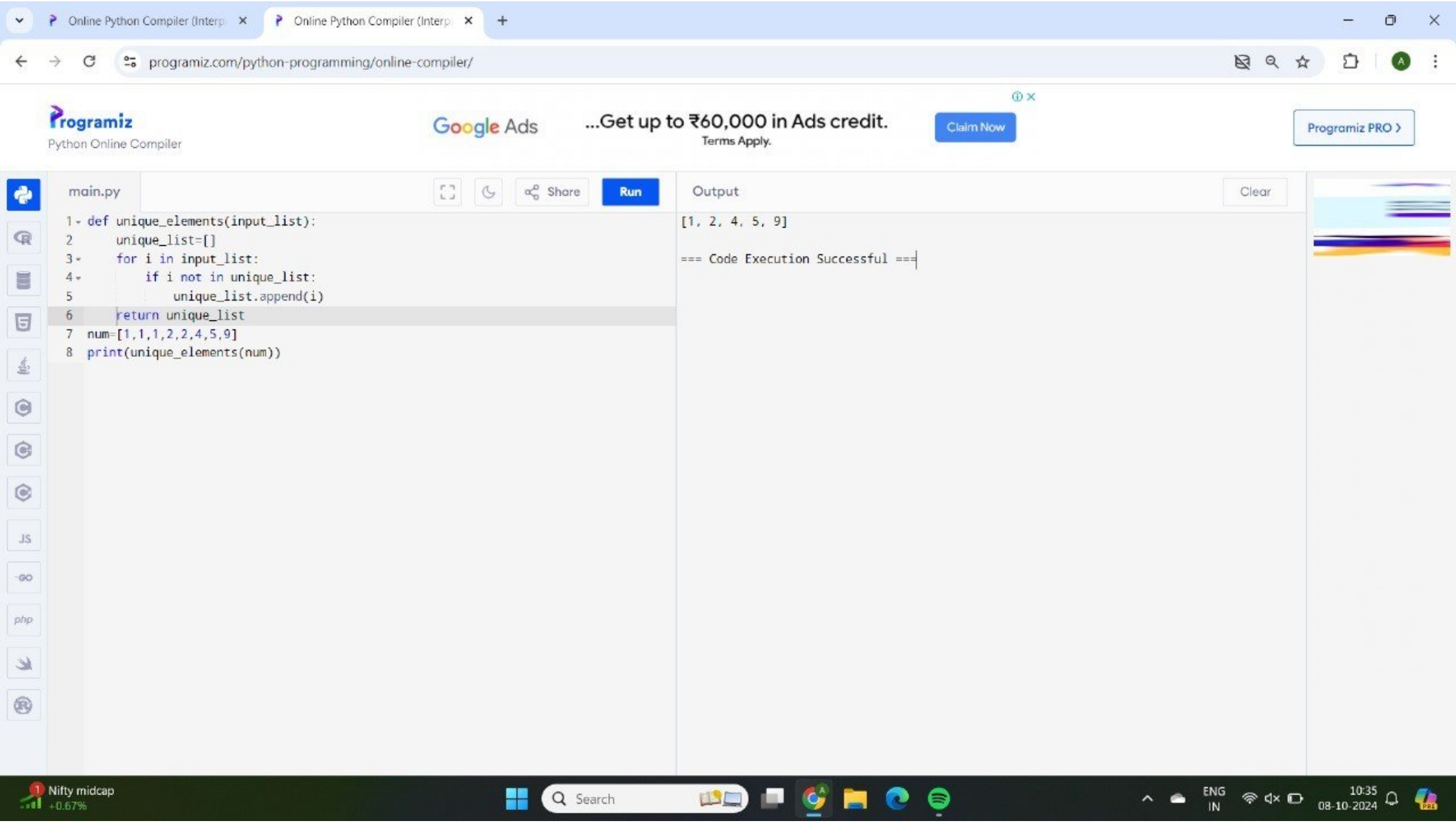
28°C
Partly sunny

Search

ENG
IN

09:21
08-10-2024


Online Python Compiler (Interp
programiz.com/python-programming/online-compiler/
Programiz
Python Online Compiler
Google Ads
...Get up to ₹60,000 in Ads credit.
Terms Apply.
Claim Now
Programiz PRO
main.py
Share
Run
Output
Clear
def process_number(numbers):
sorted_number=sorted(numbers)
maximum=max(sorted_number)
return sorted_number,maximum
num=[1,2,3,5,7,9,4]
sorted_list,maximumnumber=process_number(num)
print("sorted list",sorted_list)
print("maximum number",maximumnumber)
sorted list [1, 2, 3, 4, 5, 7, 9]
maximum number 9
=== Code Execution Successful ===
30°C
Partly sunny
Search
ENG
IN
10:33
08-10-2024


Online Python Compiler (Interp
Online Python Compiler (Interp
programiz.com/python-programming/online-compiler/
Programiz
Python Online Compiler
Google Ads
...Get up to ₹60,000 in Ads credit.
Terms Apply.
Claim Now
Programiz PRO
main.py
Share
Run
Output
Clear
def unique_elements(input_list):
unique_list=[]
for i in input_list:
if i not in unique_list:
unique_list.append(i)
return unique_list
num=[1,1,1,2,2,4,5,9]
print(unique_elements(num))
[1, 2, 4, 5, 9]
=== Code Execution Successful ===
Nifty midcap
+0.67%
Search
ENG
IN
10:35
08-10-2024

Online Python Compiler (Interp | Online Python Compiler (Interp | FREE AI Question Answering: A | ChatGPT | OpenAI | ChatGPT

programiz.com/python-programming/online-compiler/

Programiz
Python Online Compiler

main.py

Share | Run

```
1 def bubble_sort(arr):
2     n = len(arr)
3     for i in range(n):
4         for j in range(0, n-i-1):
5             if arr[j] > arr[j+1]:
6                 arr[j], arr[j+1] = arr[j+1], arr[j]
7 arr = [1,6,89,3,7,9,5]
8 bubble_sort(arr)
9 print("Sorted array:", arr)
```

Output | Clear

```
Sorted array: [1, 3, 5, 6, 7, 9, 89]

=== Code Execution Successful ===
```

30°C Partly sunny | Search | ENG IN | 10:45 08-10-2024

FREE AI Code Ge | Online Python C | Online Python C | Online Python C | online python cc | Online Python C | chat gpt login -

programiz.com/python-programming/online-compiler/

Programiz
Python Online Compiler

Programiz PRO >

main.py | Share | Run | Output | Clear

```
def binary_search(arr, x):
    low = 0
    high = len(arr) - 1
    mid = 0
    while low <= high:
        mid = (high + low) // 2
        if arr[mid] < x:
            low = mid + 1
        elif arr[mid] > x:
            high = mid - 1
        else:
            return mid
    return -1
arr = [2, 3, 4, 10, 40]
x = 10
result = binary_search(arr, x)
if result != -1:
    print("Element is present at index", str(result))
else:
    print("Element is not present in array")

```

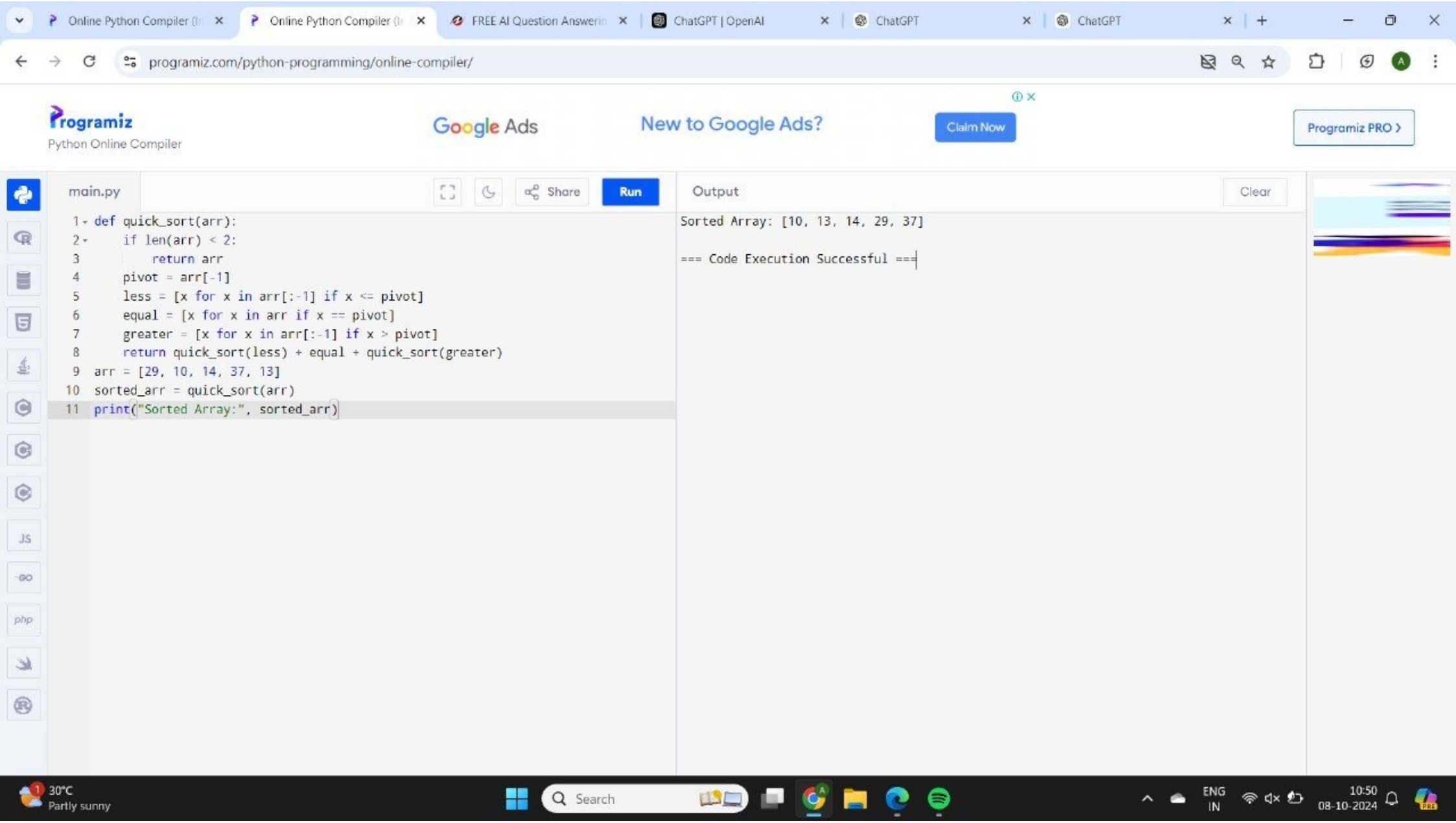
```
Element is present at index 3

=== Code Execution Successful ===
```

86°F
Partly sunny

Search

ENG
IN

10:50 AM
10/8/2024


Online Python Compiler (
Online Python Compiler (
FREE AI Question Answerin
ChatGPT | OpenAI
ChatGPT
ChatGPT
programiz.com/python-programming/online-compiler/
Programiz
Python Online Compiler
Google Ads
New to Google Ads?
Claim Now
Programiz PRO
main.py
Share
Run
Output
Clear
def quick_sort(arr):
if len(arr) < 2:
return arr
pivot = arr[-1]
less = [x for x in arr[:-1] if x <= pivot]
equal = [x for x in arr if x == pivot]
greater = [x for x in arr[:-1] if x > pivot]
return quick_sort(less) + equal + quick_sort(greater)
arr = [29, 10, 14, 37, 13]
sorted_arr = quick_sort(arr)
print("Sorted Array:", sorted_arr)
Sorted Array: [10, 13, 14, 29, 37]
=== Code Execution Successful ===
30°C
Partly sunny
Search
ENG
IN
10:50
08-10-2024