main.py

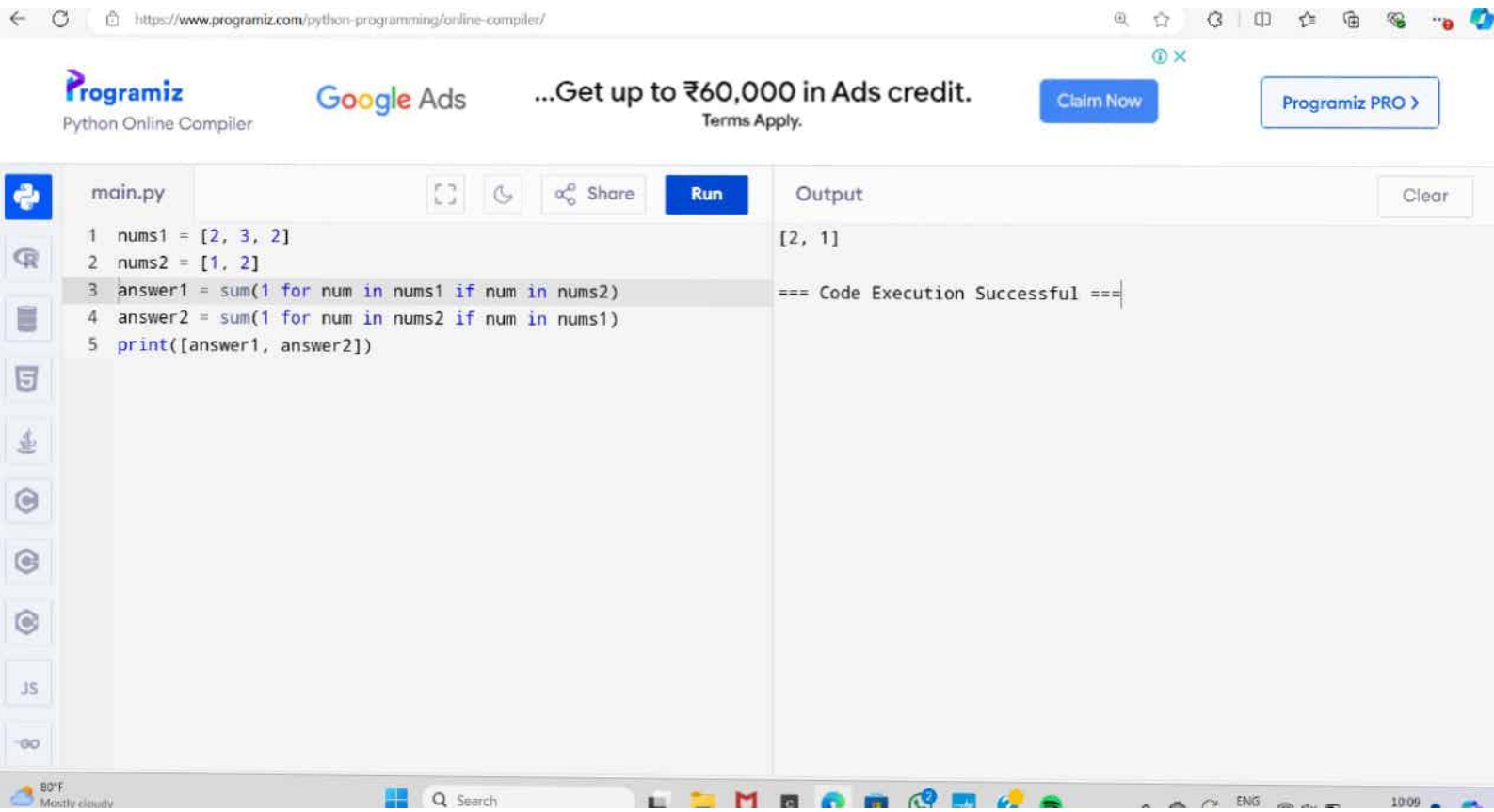
Share Run

```
1 words = ["abc", "car", "ada", "racecar", "cool"]
2 for word in words:
3     if word == word[::-1]:
4         print(word)
5         break
6 else:
7     print("")
```

Output Clear

```
ada

=== Code Execution Successful ===
```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main.py
Share
Run
Output
Clear
1 nums1 = [2, 3, 2]
2 nums2 = [1, 2]
3 answer1 = sum(1 for num in nums1 if num in nums2)
4 answer2 = sum(1 for num in nums2 if num in nums1)
5 print([answer1, answer2])
[2, 1]
=== Code Execution Successful ===
80°F
Mostly cloudy
Search
ENG
10:09

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main.py

Share Run

```
1 nums = [1, 2, 1]
2 n = len(nums)
3 total_sum = 0
4 for i in range(n):
5     distinct = set()
6     for j in range(i, n):
7         distinct.add(nums[j])
8         total_sum += len(distinct) ** 2
9 print(total_sum)
```

Output Clear

```
15

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

Light rain Today

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main.py

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```
1 nums = [3, 1, 2, 2, 2, 1, 3]
2 k = 2
3 count = 0
4 for i in range(len(nums)):
5     for j in range(i + 1, len(nums)):
6         if nums[i] == nums[j] and (i * j) % k == 0:
7             count += 1
8 print(count)
```

Output | Clear

```
4

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

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main.py

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```
inputs = [
    [1, 2, 3, 4, 5],
    [7, 7, 7, 7, 7],
    [-10, 2, 3, -4, 5]
]
for nums in inputs:
    print(max(nums))
```

Output | Clear

```
5
7
5

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

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main.py

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```
test_cases = [
    [],
    [5]
    ]
for nums in test_cases:
    if not nums:
        print("The list is empty.")
    else:
        sorted_nums = sorted(nums)
        max_element = sorted_nums[-1]
        print(max_element)
```

Output | Clear

```
The list is empty.
5

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

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main.py

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```
1 test_cases = [
2     [3, 7, 3, 5, 2, 5, 9, 2],
3     [-1, 2, -1, 3, 2, -2]
4     ]
5 for nums in test_cases:
6     unique_elements = list(set(nums))
7     print(unique_elements)
```

Output | Clear

```
[2, 3, 5, 7, 9]
[2, 3, -1, -2]

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

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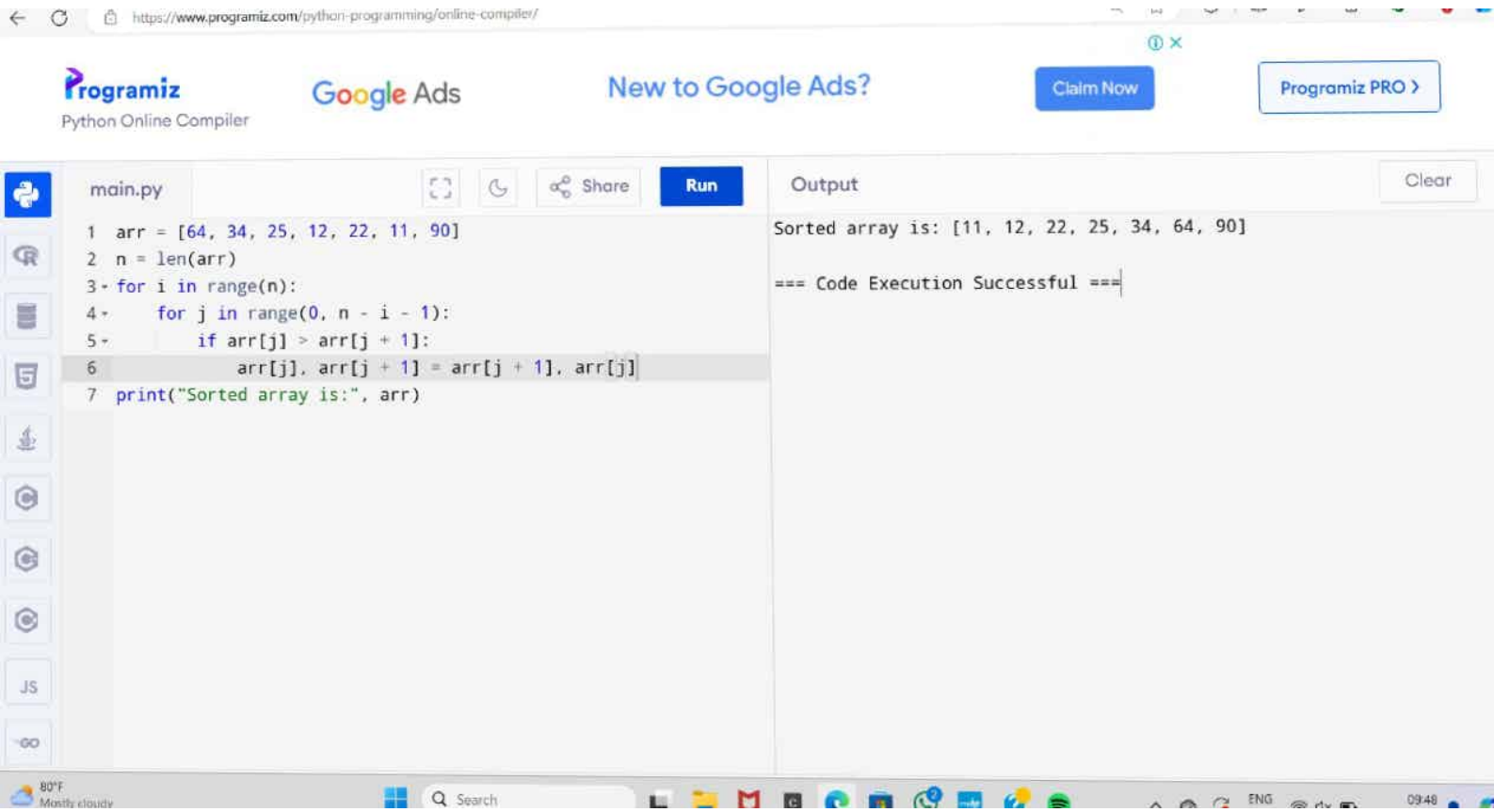
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main.py
Share
Run
Output
Clear
1 arr = [64, 34, 25, 12, 22, 11, 90]
2 n = len(arr)
3 for i in range(n):
4 for j in range(0, n - i - 1):
5 if arr[j] > arr[j + 1]:
6 arr[j], arr[j + 1] = arr[j + 1], arr[j]
7 print("Sorted array is:", arr)
Sorted array is: [11, 12, 22, 25, 34, 64, 90]
=== Code Execution Successful ===
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Search
ENG
09:48

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main.py

Share | Run

```
1  arr = [3, 4, 6, -9, 10, 8, 9, 30]
2  key = 10
3  arr.sort()
4  low = 0
5  high = len(arr) - 1
6  found = False
7  while low <= high:
8      mid = (low + high) // 2
9      if arr[mid] == key:
10         found = True
11         position = mid
12         break
13     elif arr[mid] < key:
14         low = mid + 1
15     else:
16         high = mid - 1
17 if found:
18     print("Element", key, "is found at position", position +
           1)
19 else:
```

Output | Clear

```
Element 10 is found at position 7

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

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main.py

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```
1 nums=[64,34,25,12,22,11,90]
2 n=len(nums)
3 for i in range(n):
4     for j in range(0,n-i-1):
5         if nums[j]>nums[j+1]:
6             nums[j],nums[j+1]=nums[j+1],nums[j]
7 print("sorted array:",nums)
```

Output Clear

```
sorted array: [11, 12, 22, 25, 34, 64, 90]

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