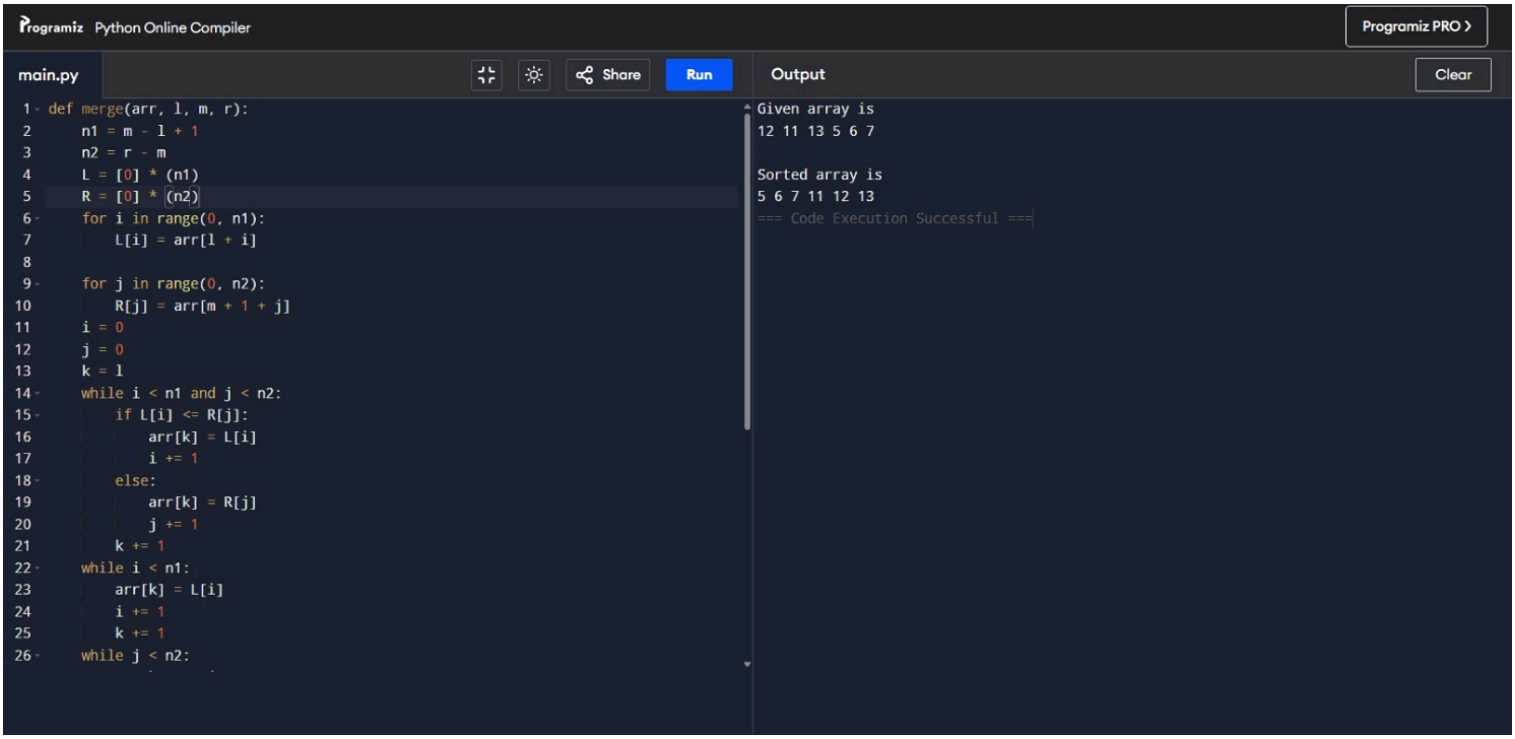
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main.py
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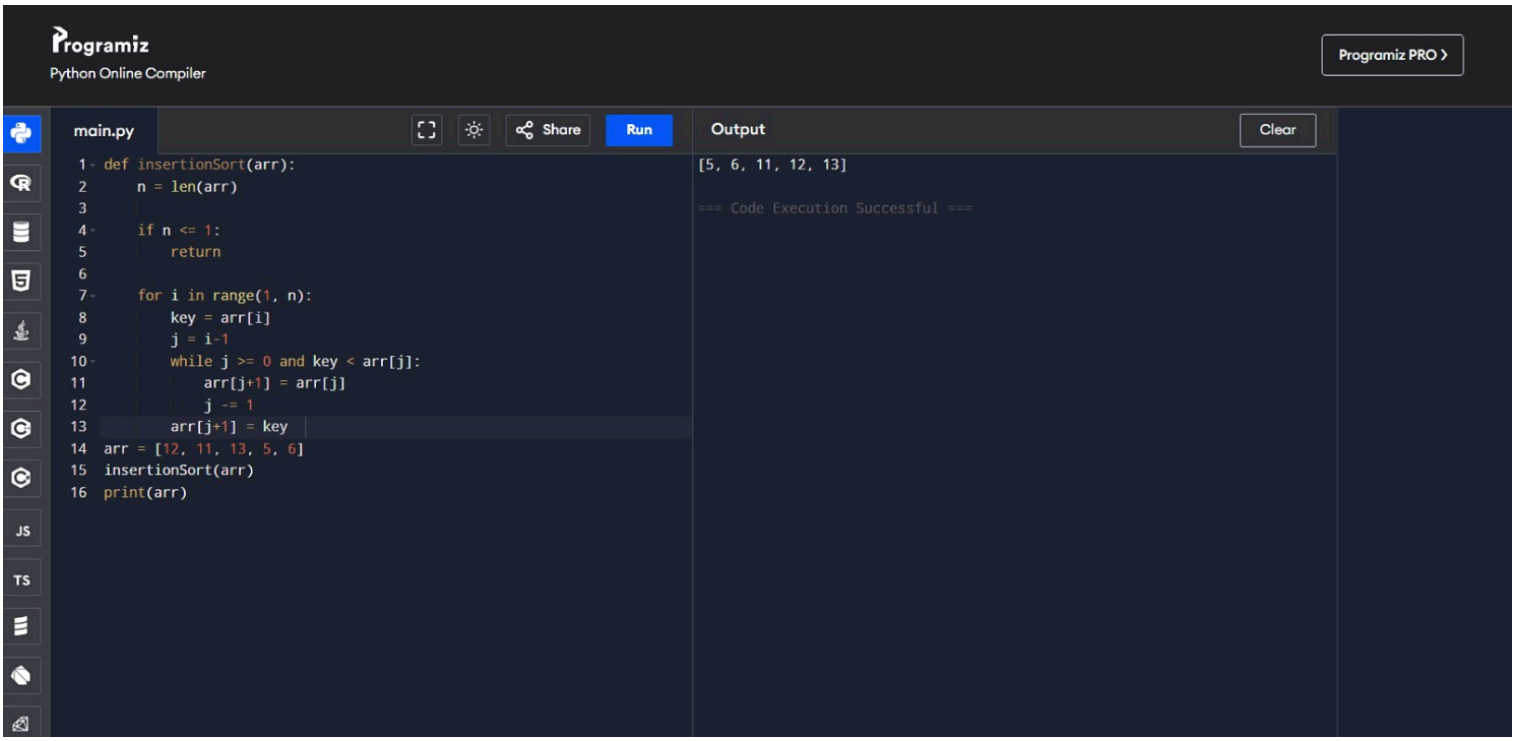
Output
Clear
def merge(arr, l, m, r):
n1 = m - l + 1
n2 = r - m
L = [0] * (n1)
R = [0] * (n2)
for i in range(0, n1):
L[i] = arr[l + i]
for j in range(0, n2):
R[j] = arr[m + 1 + j]
i = 0
j = 0
k = l
while i < n1 and j < n2:
if L[i] <= R[j]:
arr[k] = L[i]
i += 1
else:
arr[k] = R[j]
j += 1
k += 1
while i < n1:
arr[k] = L[i]
i += 1
k += 1
while j < n2:
Given array is
12 11 13 5 6 7
Sorted array is
5 6 7 11 12 13
=== Code Execution Successful ===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main.py
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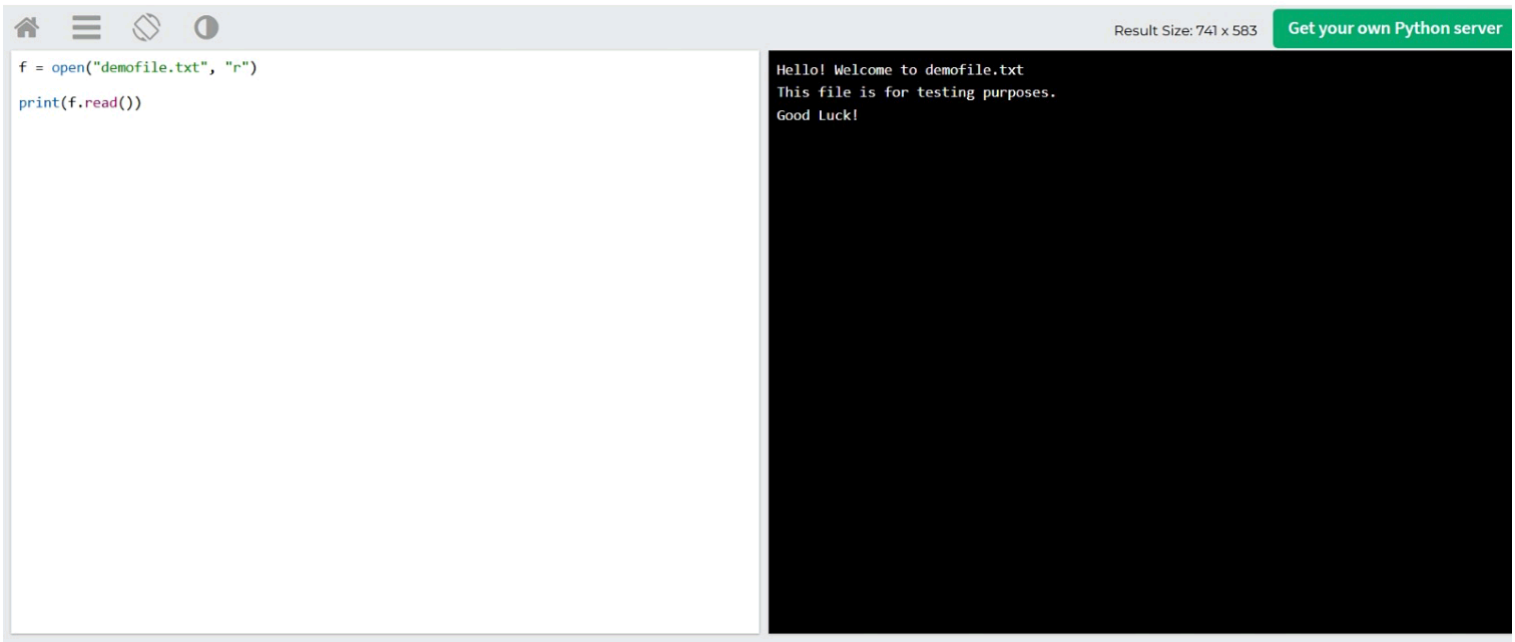
Output
Clear
def insertionSort(arr):
n = len(arr)
if n <= 1:
return
for i in range(1, n):
key = arr[i]
j = i-1
while j >= 0 and key < arr[j]:
arr[j+1] = arr[j]
j -= 1
arr[j+1] = key
arr = [12, 11, 13, 5, 6]
insertionSort(arr)
print(arr)
[5, 6, 11, 12, 13]
=== Code Execution Successful ===


Result Size: 741 x 583
Get your own Python server
f = open("demofile.txt", "r")
print(f.read())
Hello! Welcome to demofile.txt
This file is for testing purposes.
Good Luck!

Result Size: 741 x 583


```
f = open("D:\\myfiles\welcome.txt", "r")

print(f.read())
```

```
Welcome to this text file!
This file is located in a folder named "myfiles", on the D drive.
Good Luck!
```