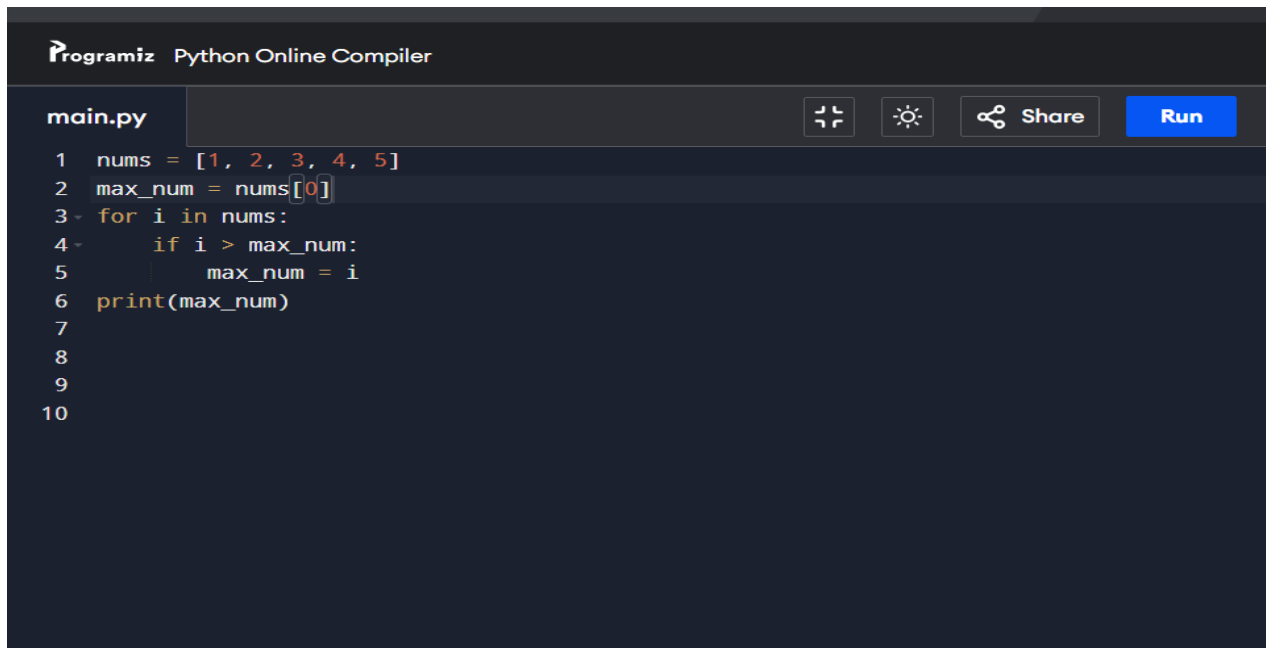


EXPERIMENT-5

TO FIND THE LARGEST NUMBER IN ARRAY WITH LEAST TIME COMPLEXITY

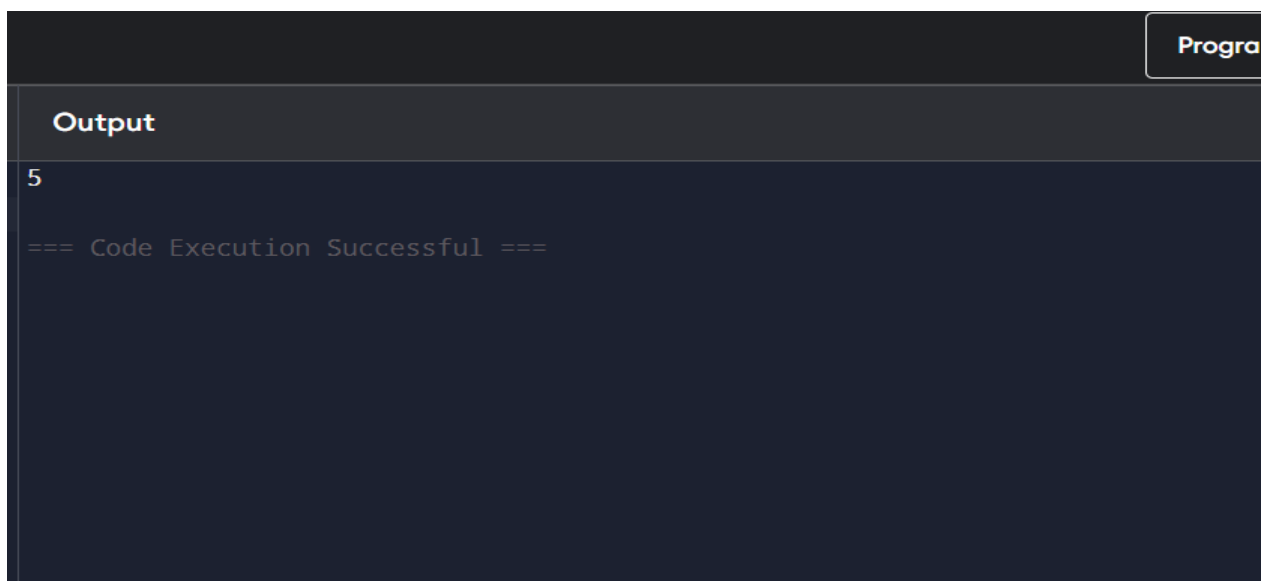
PROGRAM:



```
Programiz Python Online Compiler

main.py
1  nums = [1, 2, 3, 4, 5]
2  max_num = nums[0]
3  for i in nums:
4      if i > max_num:
5          max_num = i
6  print(max_num)
7
8
9
10
```

OUTPUT:



```
Programiz

Output
5

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