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day1 6th.py - C:\Users\vishnu\AppData\Local\Programs\Python\Python310\day1 6th.py (3.10.4)
File Edit Format Run Options Window Help
def maxArea(A, Len):
    area = 0
    for i in range(Len):
        for j in range(i + 1, Len):
            area = max(area, min(A[j], A[i]) * (j - i))
    return area
a = int(input("enter the number of elements:"))
if(a > 0):
    b = []
    for i in range(0, a):
        c = int(input("Enter the number:"))
        b.append(c)
    print("INPUT array=", b)
    print("OUTPUT=", maxArea(b, a))
```

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IDLE Shell 3.10.4
File Edit Shell Debug Options Window Help
>>> OUTPUT= 6
>>> = RESTART: C:\Users\vishnu\AppData\Local\Programs\Python\Python310\day1 6th.py =
enter the number of elements:5
Enter the number:3
Enter the number:1
Enter the number:2
Enter the number:4
Enter the number:5
INPUT array= [3, 1, 2, 4, 5]
OUTPUT= 12
>>> = RESTART: C:\Users\vishnu\AppData\Local\Programs\Python\Python310\day1 6th.py =
enter the number of elements:9
Enter the number:1
Enter the number:8
Enter the number:6
Enter the number:2
Enter the number:5
Enter the number:4
Enter the number:8
Enter the number:3
Enter the number:7
INPUT array= [1, 8, 6, 2, 5, 4, 8, 3, 7]
OUTPUT= 49
>>> = RESTART: C:\Users\vishnu\AppData\Local\Programs\Python\Python310\day1 6th.py =
enter the number of elements:2
Enter the number:1
Enter the number:1
INPUT array= [1, 1]
OUTPUT= 0
>>> = RESTART: C:\Users\vishnu\AppData\Local\Programs\Python\Python310\day1 6th.py =
enter the number of elements:2
Enter the number:7
Enter the number:3
INPUT array= [7, 3]
OUTPUT= 0
>>>
```