

Question

Hints

Help Requests

Discussions

Your Score: 50 Max Score:

All

Q1

Q2

Q3


Q4

Q5

Q6

Q1. AMORTIZED2

Solved



Stuck somewhere?
Ask for help from a TA and get it resolved.
[Get help from TA.](#)

What is the time complexity of the following code :

```
int j = 0;
for(i = 0; i < n; ++i) {
    while(j < n && arr[i] < arr[j]) {
        j++;
    }
}
```

You have already attempted this problem, to see your original answer, [Click Here](#) . However you can re attempt this problem but your score will not be revised

☐

O(n^2)

☐

O(nlogn)

☐

O(n(logn)^2)

☒

O(n)

☐

O(n * sqrt(n))

☐

O(n^2 logn)

☐

Can't say. Depends on the value of arr.

Submit