

Session 100% Assignment 10/10 Homework 6/6 Help Requests Discussion Feedback

Question Hints Help Requests Discussions

Your Score: 0 Max Score:

Q3. Time-Complexity-3

Solved

Stuck somewhere?

Ask for help from a TA and get it resolved.

Get help from TA.

Python

```
k = 0
for i in range(n//2, n+1):
    j = 2
    while j<=n:
        k = k + n//2
        j = j * 2
```

What is the time complexity of following code:

problem but your score will not be revised

☐ $O(n)$

☒ $O(n \log n)$

☐ $O(n^2)$

☐ $O(n^2 \log n)$

Submit