

All

Q 1

Q 2

Q 3

Q 4

Q 5

Q 6

Q 7


Q 8

Q 9

Q 10

Q2. Time-Complexity-2

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 :

- C++
- Python

```
void solve(int n){
    for(int i = 0; i < n; i++){
        for(int j=0; j < i / 2; j++){
            // O(1) operation
        }
    }
}
```

```
def solve():
    for i in range(n):
        for j in range(i // 2):
            # O(1) operation
```

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)

☐

O(N\*log(N))

☐

O(N \* Sqrt(N))

☒

O(N\*N)