

981. Time Based Key-Value Error

set(self, key: str, time: int) → None

get(self, key: str, time: int) → str

Return a value that was set \leq time (the most recent one)

0 1 2 3 4 5 6

0 2 4 6 8 9 11

l m r t = 13

l m r

l m r

(r) l

$l \leq r$

$l \leq r$

l m r t = -1

l m r

l m r

r l

~~r l~~

l m r t = 3

l m r

l m r

(r) l

nums[m] == t → return m

t > nums[m] → l = m + 1

→ r = m - 1

r is the res unless < 0 , can't find any element $\leq t$