

Job difficulty. (if memo[i][1] + p > 0
memo.append)

memo = [[0, 0]]
end time profit

i = bisearch(memo, [S+1]) - 1

Search in sorted

外例: 对比 left < mid

内例: 决定 left < target < mid

Median of Two sorted (干掉离 k 远的)

if ia + ib < k:

if ma < mb:

return (nums[ia+1:], k-ia-1)

elif ia + ib >= k

if ma < mb

return (nums[ib:], k)

First Missing In sorted array

fn: missing(i) nums[i] - nums[0] - i

1) check out of bound? k > missing(n-1)

nums[-1] + k - missing(n-1)

2) l, r = 0, len() - 1

if missing(m) < k

l = m + 1

else: r = m

return l - 1 + k - missing(l - 1)