binarySearch

l = 0
r = len(arr) - 1

calls

len

while l <= r:

l <= r

mid = l + (r - l) // 2

if arr[mid] == t:

arr[mid] == t   (arr[mid] != t)

return mid

if arr[mid] > t:

(arr[mid] <= t)

l = mid + 1

test_files/searches.py