https://www.youtube.com/watch?v=OE7wUUpJw6I&list=PL2\_aWCzGMAwL3ldWlrii6YeLszojgH77j&index=4

class Solution:

def searchRange(self, nums, target):

start=0

end=len(nums)-1

lowresult=-1

highresult=-1

while(start<=end):

mid=(start+end)//2

if nums[mid]==target:

lowresult=mid

end=mid-1

if nums[mid]<target:

start=mid+1

if nums[mid]>target:

end=mid-1

# print(start,end,lowresult,highresult)

start=0

end=len(nums)-1

while(start<=end):

mid=(start+end)//2

if nums[mid]==target:

highresult=mid

start=mid+1

if nums[mid]<target:

start=mid+1

if nums[mid]>target:

end=mid-1

lis=[lowresult,highresult]

return lis

def searchRange(self, nums, target):

"""

:type nums: List[**int**]

:type target: **int**

:rtype: List[**int**]

"""

**if** len(nums) == 0 or target not in nums:

**return** [-1,-1]

**left** = 0

**right** = len(nums)-1

**while** **left** < right:

mid = **left** + (**right**-**left**)//2

**if** target > nums[mid]:

**left** = mid+1

elif target < nums[mid]:

**right** = mid -1

**else**: # target == nums[mid]

**if** target > nums[**left**]:

**left** += 1

elif target < nums[**right**]:

**right** -= 1

**else**: # target == nums[**left**] and target == nums[**right**],then terminate

**break**

**return** [**left**, **right**]