def searchRange(self, A, B):

start=-1

end=-1

while p<=q:

mid=(p+q)//2

if A[mid]==B:

start=mid

q=mid-1

elif A[mid]>B:

q=mid-1

else:

p=mid+1

p=0

q=len(A)-1

while p<=q:

mid=(p+q)//2

if A[mid]==B:

end=mid

p=mid+1

elif A[mid]>B:

q=mid-1

else:

p=mid+1

return [start,end]