Binary Search in Python

I/P: 1=[10,20,30,40,50,60]

0/P: 1

IIP: 1 = [5, 15, 25] 2= 25

0/P: 2

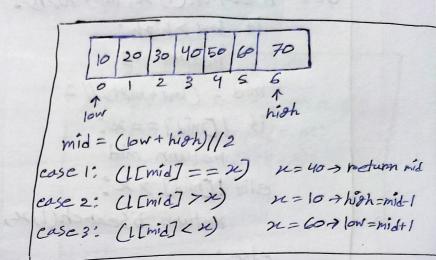
IlP: L= [5,10,15,25,35] n= 20

01P: -1

IIP: L= [10,10]

2=10

OIP: O OR 1



def bsearch(1,x):

low = 0

high = len(1)-1

while low <= high:

mid = (low + high)//2

if [[mid] == x:

neturn mid

elif [[mid] < x:

low = mid+1

else:

high = mid-1

meturn -1

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