# Python code to demonstrate checking of element existence using set() +

in using sort() bisect\_left() .

from bisect import bisect\_left

# Initializing list

test\_list\_set = [ 1, 6, 3, 5, 3, 4 ]

test\_list\_bisect = [ 1, 6, 3, 5, 3, 4 ]

print("Checking if 4 exists in list ( using set() + in) : ")

# Checking if 4 exists in list

# using set() + in

test\_list\_set = set(test\_list\_set)

if 4 in test\_list\_set :

print ("Element Exists")

print("Checking if 4 exists in list ( using sort() + bisect\_left() ) : ")

# Checking if 4 exists in list

# using sort() + bisect\_left()

test\_list\_bisect.sort()

if bisect\_left(test\_list\_bisect, 4):

print ("Element Exists")