#unordered

s={10,20,20,30,40}

print(s)#output{40,10,20,30}

s={10,20,20,30,40}

length=len(s)#gives length of the set and removes duplicate

print(length)

s1=set((100,200,300,300,400,))

print(s1)

#unordered

s={10,20,20,30,40}

print(s)#output{40,10,20,30}

s={10,20,20,30,40}

length=len(s)#gives length of the set and removes duplicate

print(length)

s1=set((100,200,300,300,400,))

print(s1)

#for loop

s1=((100,200,200,300,400))

for a in s1:#to display data in each line

print(a)

#search

print("true" if 20 in s else"false")

print(50 in s)#checks whether 50 is in set's'-returns true or false

#for loop

s1=((100,200,200,300,400))

for a in s1:#to display data in each line

print(a)

#search

print("true" if 20 in s else"false")

print(50 in s)#checks whether 50 is in set's'-returns true or false