#!/usr/bin/env python

# coding: utf-8

# In[2]:

#build one list called a

a=[1,2,3,4,5]

#measure the length of a

len(a)

#change a[4] to zero

a[4]=0

print(a)

#delete a[0]

del a[0]

print(a)

#a is arranged from small numbers to big numbers

arrange=sorted(a)

print(arrange)

#previous order is reversed by slicing

print(a[::-1])

#get one element from the list

print(a[-2])

#use slicing to retrieve the elements from the list

print(a[:4:2])

#check if one number exists in the list or not

number=3

if number in a:

print(True)

else:

print(False)

# In[ ]: