1. my\_dict={'a':1, 'b':2}

keys=my\_dict.keys()

print("keys in dictionary:" ,keys)

values=my\_dict.values()

print("values in dictionary:",values)

1. '''find the frequency of array elements 1,2,3,4,4,3,2,1,1,1,2,2,3,3,4,4,

expected output 1-4,2-4,3-4,4-4'''

def count\_frequencies(arr):

    freq={}

    for i in arr:

        freq[i]=freq.get(i,0)+1

    return freq

arr = [1,2,3,4,4,3,2,1,1,1,2,2,3,3,4,4]

frequencies=count\_frequencies(arr)

for i, count in frequencies.items():

    print(i,count)

1. freq={}

def printRepeating(arr, n):

    for i in freq:

        if(freq[i] > 1):

            print(i, end=" ")

arr = [1,2,3,4,4]

n = len(arr)

printRepeating(arr,n)

arr=[1,2,2,2,4,3,3]

1. freq={}

for i in arr:

    freq[i]=freq.get(i,0)+1

print(freq)

maxi=max(freq,key=freq.get)

print(maxi)

1. arr=[2,2,2,4,4,4,3,3,10,1]

freq = {}

for num in arr:

    freq[num]=freq.get(num, 0)+1

maxi=max(freq)

1. '''Rotate right'''

n=len(nums)

temp=[0]\*n

k=k%n

for i in range(len(nums)):

    temp[(i+k)%n]=nums[i]

for i in range(len(nums)):

    nums[i]=temp[i]

return(nums)

1. def right\_rotate(arr, d):

    n = len(arr)

    d = d % n

    temp = arr[-d:]

    for i in range(n - 1, d - 1, -1):

        arr[i] = arr[i - d]

    for i in range(d):

        arr[i] = temp[i]

arr = [101,102,103,104,105]

right\_rotate(arr,3)

print(arr)

1. def left\_rotate(arr, d):

    n = len(arr)

    d = d % n

    temp = arr[d:]

    for i in range(n - 1, d - 1, -1):

        arr[i] = arr[i - d]

    for i in range(d):

        arr[i] = temp[-i]

arr = [101,102,103,104,105]

left\_rotate(arr,3)

print(arr)

1. a=10000

while(a!=0):

    b=input("enter (deposit/wd/available/exit): ")

    if(b=="deposit"):

      c=int(input("enter the deposit amount: "))

      a+=c

      print("deposit:",c)

      print("available:",a)

    elif(b=="wd"):

      d=int(input("enter the wd amount: "))

      d>a

      print("Insufficent balancce")

    elif(b=="wd"):

      d=int(input("enter the wd amount: "))

      a-=d

      print("wd:",d)

      print("available:",a)

    elif(b=="available"):

       print("available")

    elif(b=="exit"):

       print("exit")