def indexes(l,a):

li=[]

for i in range(len(l)):

if l[i]==a:

li.append(i)

return li

def doubles(l):

for i in range(len(l)-1):

if int(l[i+1])/2==int(l[i]):

print(l[i+1])

def inBoth(l1,l2):

for i in l1:

for d in l2:

if str(i) not in str(d) :

pass

else:

return True

return False

def intersect(l1,l2):

lis=[]

for i in range(len(l1)):

for d in range(len(l2)):

if l1[i]==l2[d]:

lis.append(l1[i])

return lis

def pair(l1,l2,num):

lis=[]

for i in range(len(l1)):

for d in range(len(l2)):

if int(l1[i])+int(l2[d])==num:

print( l1[i],l2[d])

def pairSum(l,num):

for i in range(len(l)//2):

for d in range(len(l)):

if int(l[i])+int(l[d])==num:

print(i,d)

def lastfirst(l):

last=[]

first=[]

for i in l:

pair=i.split(', ')

last.append(pair[0])

first.append(pair[1])

return last,first

def subsetSum(l,num):

for i in range(len(l)//2):

for p in range(len(l)):

for d in range(len(l)):

if int(l[i])+int(l[p])+int(l[d])!=num:

pass

else: return True

return False

def mystery(n):

count=0

while n>1:

n=n//2

count+=1

return count

def inversions(s):

count = 0

for i in range(len(s)-1):

for j in range(i+1,len(s)):

if s[i] > s[j]:

count += 1

return count