```
In [10]:
#1
total = 0
list1 = [16, 4, 13, 9, 24]
for ele in range(0, len(list1)):
   total = total + list1[ele]
print("Sum of all elements in given list: ", total)
Sum of all elements in given list: 66
In [5]:
#2
def multiply_list(items):
   tot = 1
   for x in items:
       tot *= x
   return tot
print(multiply list([1,4,-3]))
-12
In [7]:
#3
def max num in list( list ):
   max = list[0]
   for a in list:
        if a > max:
           max = a
   return max
print(max num in list([1, 3, -8, 4]))
4
In [9]:
#4
def smallest num in list( list ):
   min = list[ 0 ]
   for a in list:
        if a < min:</pre>
           min = a
   return min
print(smallest num in list([2,-7, 3, 1]))
-7
In [11]:
def match_words(words):
 ctr = 0
  for word in words:
    if len(word) > 1 and word[0] == word[-1]:
     ctr += 1
 return ctr
print(match_words(['abc', 'xyz', 'aba', '1221']))
2
In [12]:
#6
def last(n): return n[-1]
```

```
def sort_list_last(tuples):
  return sorted(tuples, key=last)
print(sort list last([(2, 5), (1, 2), (4, 4), (2, 3), (2, 1)]))
[(2, 1), (1, 2), (2, 3), (4, 4), (2, 5)]
In [15]:
#7
a = [30, 20, 10, 20, 10, 50, 60, 50, 80, 50, 40]
dup items = set()
uniq items = []
for x in a:
    if x not in dup items:
        uniq_items.append(x)
        dup items.add(x)
print(dup items)
{40, 10, 80, 50, 20, 60, 30}
In [14]:
#8
1 = []
if not 1:
 print("List is empty")
List is empty
In [17]:
#9
original_list = [30, 22, 14, 33, 7]
new_list = list(original_list)
print(original_list)
print(new list)
[30, 22, 14, 33, 7]
[30, 22, 14, 33, 7]
In [18]:
#10
def long words(n, str):
    word len = []
    txt = str.split(" ")
    for x in txt:
        if len(x) > n:
            word len.append(x)
    return word len
print(long words(3, "The quick brown fox jumps over the lazy dog"))
['quick', 'brown', 'jumps', 'over', 'lazy']
In [19]:
#11
def common data(list1, list2):
    result = False
     for x in list1:
         for y in list2:
             if x == y:
                 result = True
                 return result
print(common data([1,2,3,4,5], [5,6,7,8,9]))
print(common_data([1,2,3,4,5], [6,7,8,9]))
```

True

```
None
In [20]:
#12
color = ['Red', 'Green', 'White', 'Black', 'Pink', 'Yellow']
color = [x for (i,x) in enumerate(color) if i not in (0,4,5)]
print(color)
['Green', 'White', 'Black']
In [21]:
array = [[ ['*' for col in range(6)] for col in range(4)] for row in range(3)]
print (array)
[[['*', '*', '*', '*', '*'], ['*', '*', '*', '*', '*'], ['*', '*', '*']
`,`'*'], ['*', '*', '*', '*', '*', `'*']], [['*', '*', '*', '*', '*', '*'], ['*', '*', '*'], '*', '*', '*'], ['*', '*'], ['*', '*'], ['*', '*', '*'], ['*', '*'], ['*', '*'], ['*', '*'], ['*', '*'], ['*', '*'], ['*', '*'], ['*', '*'], ['*', '*'], ['*', '*']], [['*', '*']], [['*', '*']], ['*', '*']], [['*', '*']], ['*', '*']], ['*', '*'], ['*', '*'], ['*', '*']], ['*', '*'], ['*', '*'], ['*', '*']], ['*', '*'], ['*', '*'], ['*', '*'], ['*', '*'], ['*', '*']], ['*', '*'], ['*', '*'], ['*', '*']], ['*', '*'], ['*', '*']], ['*', '*'], ['*', '*'], ['*', '*']], ['*', '*'], ['*', '*']], ['*', '*'], ['*', '*']], ['*', '*'], ['*', '*']], ['*', '*'], ['*', '*'], ['*', '*']], ['*', '*'], ['*'], ['*', '*']], ['*', '*']], ['*', '*']], ['*', '*'], ['*'], ['*'], ['*'], ['*'], ['*'], ['*']], ['*'], ['*'], ['*'], ['*'], ['*'], ['*'], ['*'], ['*']], ['*'], ['*'], ['*'], ['*'], ['*'], ['*']], ['*'], ['*'], ['*'], ['*'], ['*'], ['*'], ['*'], ['*'], ['*'], ['*'], ['*'], ['*'], ['*'], ['*'], ['*'], ['*'], ['*'], ['*'], ['*'], ['*'], ['*'], ['*'], ['*'], ['*'], ['*'], ['*'], ['*'], ['*'], ['*'], ['*'], ['*'], ['*'], ['*'], ['*'], ['*'], ['*'], ['*'], ['*'], ['*'], ['*'], ['*'], ['*'], ['*'], ['*'], ['*'], ['*'], ['*'], ['*'], ['*'], ['*'], ['*'], ['*'], ['*'], ['*'], ['*'], ['*'], ['*'], ['*'], ['*'], ['*'], ['*'], ['*'], ['*'], ['*'], ['*'], ['*'], ['*'], ['*'], ['*'], ['*'], ['*'], ['*'], ['*'], ['*'], ['*'], ['*'], ['*'], ['*'], ['*'], ['*'], ['*'], ['*'], ['*'], ['*'], ['*'], ['*'], ['*'], ['*'], ['*'], ['*'], ['*'], ['*'], ['*'], ['*'], ['*'], ['*'], ['*'], ['*'], ['*'], ['*'], ['*'], ['*'], ['*'], ['*'], ['*'], ['*'], ['*'], ['*'], ['*'], ['*'], ['*'], ['*'], ['*'], ['*'], ['*'], ['*'], ['*'], ['*'], ['*'], ['*'], ['*'], ['*'], ['*'], ['*'], ['*'], ['*'], ['*'], ['*'], ['*'], ['*'], ['*'], ['*'], ['*'], ['*'], ['*'], ['*'], ['*'], ['*'], ['*'], ['*'], ['*'], ['*'], ['*'], ['*'], ['*'], ['*'], ['*'], ['*'], ['*'], ['*'], ['*'], ['*'], ['*'], ['*'], ['*'], ['*'], ['*'], ['*'], ['*'], ['*'], ['*'], ['*'], ['*'], ['*'], ['*'], ['*']
'*', '*', '*', '*'], ['*', '*', '*', '*', '*'], ['*', '*', '*', '*'],
['*', '*', '*', '*', '*', '*']]]
In [23]:
#14
num = [7, 8, 120, 25, 44, 20, 27]
num = [x \text{ for } x \text{ in } num \text{ if } x \% 2! = 0]
print (num)
[7, 25, 27]
In [24]:
#15
from random import shuffle
color = ['Red', 'Green', 'White', 'Black', 'Pink', 'Yellow']
shuffle (color)
print(color)
['Green', 'Red', 'Black', 'White', 'Yellow', 'Pink']
In [25]:
#16
def printValues():
  l = list()
 for i in range (1,21):
   l.append(i**2)
  print(1[:5])
  print(1[-5:])
printValues()
[1, 4, 9, 16, 25]
[256, 289, 324, 361, 400]
In [26]:
#17
def printValues():
 l = list()
 for i in range (1,31):
   l.append(i**2)
 print(1[5:])
printValues()
[36, 49, 64, 81, 100, 121, 144, 169, 196, 225, 256, 289, 324, 361, 400, 441, 484, 529, 57
6, 625, 676, 729, 784, 841, 900]
```

In [27]:

```
#18
import itertools
print(list(itertools.permutations([1,2,3])))
[(1, 2, 3), (1, 3, 2), (2, 1, 3), (2, 3, 1), (3, 1, 2), (3, 2, 1)]
In [28]:
#19
list1 = [1, 3, 5, 7, 9]
list2=[1, 2, 4, 6, 7, 8]
diff list1 list2 = list(set(list1) - set(list2))
diff list2 list1 = list(set(list2) - set(list1))
total diff = diff_list1_list2 + diff_list2_list1
print(total diff)
[9, 3, 5, 8, 2, 4, 6]
In [29]:
#20
nums = [5, 15, 35, 8, 98]
for num_index, num_val in enumerate(nums):
   print(num index, num val)
0 5
1 15
2 35
3 8
4 98
In [31]:
#21
s = ['p', 'q', 'r', 's']
str1 = ''.join(s)
print(str1)
pqrs
In [32]:
#22
num = [10, 30, 4, -6]
print(num.index(30))
1
In [33]:
#23
import itertools
original list = [[2,4,3],[1,5,6],[9],[7,9,0]]
new merged list = list(itertools.chain(*original list))
print(new merged list)
[2, 4, 3, 1, 5, 6, 9, 7, 9, 0]
In [95]:
#24
list1 = [1, 2, 3, 0]
list2 = ['Orange', 'Green', 'Black']
final list = list1 + list2
print(final list)
[1, 2, 3, 0, 'orange', 'Green', 'Black']
In [96]:
#25
import random
```

```
color_list = ['Yellow', 'Blue', 'Green', 'White', 'Black']
print(random.choice(color list))
Green
In [39]:
#26
list1 = [10, 10, 0, 0, 10]
list2 = [10, 10, 10, 0, 0]
list3 = [1, 10, 10, 0, 0]
print('Compare list1 and list2')
print(' '.join(map(str, list2)) in ' '.join(map(str, list1 * 2)))
print('Compare list1 and list3')
print(' '.join(map(str, list3)) in ' '.join(map(str, list1 * 2)))
Compare list1 and list2
True
Compare list1 and list3
False
In [40]:
#27
def second smallest(numbers):
  if (len(numbers)<2):</pre>
   return
  if ((len(numbers) == 2) and (numbers[0] == numbers[1]) ):
   return
  dup items = set()
  uniq items = []
  for x in numbers:
    if x not in dup items:
      uniq items.append(x)
      dup items.add(x)
  uniq items.sort()
  return uniq_items[1]
print(second_smallest([1, 2, -8, -2, 0, -2]))
print(second_smallest([1, 1, 0, 0, 2, -2, -2]))
print(second smallest([1, 1, 1, 0, 0, 0, 2, -2, -2]))
print(second smallest([2,2]))
print(second smallest([2]))
-2
0
0
None
None
In [41]:
def second largest(numbers):
  if (len(numbers) < 2):</pre>
    return
  if ((len(numbers) == 2) and (numbers[0] == numbers[1]) ):
    return
  dup items = set()
  uniq items = []
  for x in numbers:
    if x not in dup items:
      uniq items.append(x)
      dup items.add(x)
  uniq items.sort()
  return uniq items[-2]
print(second largest([1,2,3,4,4]))
print(second largest([1, 1, 1, 0, 0, 0, 2, -2, -2]))
print(second largest([2,2]))
print(second largest([1]))
```

```
3
1
None
None
In [42]:
#29
my_list = [10, 20, 30, 40, 20, 50, 60, 40]
print("Original List : ", my list)
my_set = set(my list)
my new list = list(my set)
print("List of unique numbers : ",my_new_list)
Original List: [10, 20, 30, 40, 20, 50, 60, 40]
List of unique numbers : [40, 10, 50, 20, 60, 30]
In [43]:
#30
import collections
my_list = [10, 10, 10, 10, 20, 20, 20, 20, 40, 40, 50, 50, 30]
print("Original List: ", my_list)
ctr = collections.Counter(my list)
print("Frequency of the elements in the List : ",ctr)
Original List: [10, 10, 10, 10, 20, 20, 20, 20, 40, 40, 50, 50, 30]
Frequency of the elements in the List: Counter({10: 4, 20: 4, 40: 2, 50: 2, 30: 1})
In [44]:
#31
def count range in list(li, min, max):
 ctr = 0
 for x in li:
  if min <= x <= max:
  ctr += 1
 return ctr
list1 = [10, 20, 30, 40, 40, 40, 70, 80, 99]
print(count_range_in_list(list1, 40, 100))
list2 = ['a','b','c','d','e','f']
print(count range in list(list2, 'a', 'e'))
6
5
In [45]:
def is_Sublist(1, s):
 sub set = False
 if s == []:
 sub set = True
 elif s == 1:
 sub_set = True
 elif len(s) > len(1):
 sub set = False
 else:
  for i in range(len(l)):
  if l[i] == s[0]:
    while (n < len(s)) and (l[i+n] == s[n]):
    n += 1
    if n == len(s):
     sub set = True
 return sub set
```

```
a = [2, 4, 3, 5, 7]
b = [4,3]
c = [3, 7]
print(is_Sublist(a, b))
print(is Sublist(a, c))
True
False
In [47]:
from itertools import combinations
def sub_lists(my list):
 subs = []
 for i in range(0, len(my list)+1):
   temp = [list(x) for x in combinations(my list, i)]
   if len(temp)>0:
     subs.extend(temp)
 return subs
11 = [10, 20, 30, 40]
12 = ['X', 'Y', 'Z']
print("Original list:")
print(11)
print("S")
print(sub lists(l1))
print("Sublists of the said list:")
print(sub lists(l1))
print("\nOriginal list:")
print(12)
print("Sublists of the said list:")
print(sub lists(12))
Original list:
[10, 20, 30, 40]
[[], [10], [20], [30], [40], [10, 20], [10, 30], [10, 40], [20, 30], [20, 40], [30, 40],
[10, 20, 30], [10, 20, 40], [10, 30, 40], [20, 30, 40], [10, 20, 30, 40]]
Sublists of the said list:
[[], [10], [20], [30], [40], [10, 20], [10, 30], [10, 40], [20, 30], [20, 40], [30, 40],
[10, 20, 30], [10, 20, 40], [10, 30, 40], [20, 30, 40], [10, 20, 30, 40]]
Original list:
['X', 'Y', 'Z']
Sublists of the said list:
[[], ['X'], ['Y'], ['Z'], ['X', 'Y'], ['X', 'Z'], ['Y', 'Z'], ['X', 'Y', 'Z']]
In [48]:
#34
def prime eratosthenes(n):
    prime_list = []
    for i in range (2, n+1):
        if i not in prime list:
            print (i)
            for j in range(i*i, n+1, i):
                prime_list.append(j)
print(prime eratosthenes(100));
2
3
5
7
11
13
17
19
23
29
```

```
31
37
41
43
47
53
59
61
67
71
73
79
83
89
97
None
In [49]:
my_list = ['p', 'q']
n = 4
new_list = ['{}{}'.format(x, y) for y in range(1, n+1) for x in my_list]
print(new list)
['p1', 'q1', 'p2', 'q2', 'p3', 'q3', 'p4', 'q4']
In [51]:
#36
x = 100
print(format(id(x), 'x'))
s = 'Yogesh'
print(format(id(s), 'x'))
a9d400
7fe5d82402b0
In [52]:
#37
color1 = "Red", "Green", "Orange", "White"
color2 = "Black", "Green", "White", "Pink"
print(set(color1) & set(color2))
{'Green', 'White'}
In [53]:
#38
from itertools import zip_longest, chain, tee
def replace2copy(lst):
    lst1, lst2 = tee(iter(lst), 2)
    return list(chain.from_iterable(zip_longest(lst[1::2], lst[::2])))
n = [0, 1, 2, 3, 4, 5]
print(replace2copy(n))
[1, 0, 3, 2, 5, 4]
In [57]:
#39
L = [11, 33, 50]
print("Original List: ",L)
x = int("".join(map(str, L)))
print("Single Integer: ",x)
Original List: [11, 33, 50]
Single Integer: 113350
In [58]:
```

```
#40
from itertools import groupby
from operator import itemgetter
word list = ['be','have','do','say','get','make','go','know','take','see','come','think'
     'look','want','give','use','find','tell','ask','work','seem','feel','leave','call']
for letter, words in groupby(sorted(word list), key=itemgetter(0)):
    print(letter)
    for word in words:
        print (word)
ask
b
be
C
call
come
d
do
f
feel
find
q
get
give
go
h
have
k
know
1
leave
look
m
make
say
see
seem
take
tell
think
u
use
W
want
work
In [59]:
#41
obj = \{\}
for i in range (1, 21):
   obj[str(i)] = []
print(obj)
{'1': [], '2': [], '3': [], '4': [], '5': [], '6': [], '7': [], '8': [], '9': [], '10': [
], '11': [], '12': [], '13': [], '14': [], '15': [], '16': [], '17': [], '18': [], '19':
[], '20': []}
In [61]:
#42
list1 = ['b','a','c','d','e','f']
list2 = ['d','e','f','g','h']
print('Missing values in second list: ', ','.join(set(list1).difference(list2)))
print('Additional values in second list: ', ','.join(set(list2).difference(list1)))
```

```
Missing values in second list: c,a,b
Additional values in second list: g,h
In [62]:
#43
color = [("Black", "#000000", "rgb(0, 0, 0)"), ("Red", "#FF0000", "rgb(255, 0, 0)"),
         ("Yellow", "#FFFF00", "rgb(255, 255, 0)")]
var1, var2, var3 = color
print(var1)
print(var2)
print (var3)
('Black', '#000000', 'rgb(0, 0, 0)')
('Red', '#FF0000', 'rgb(255, 0, 0)')
('Yellow', '#FFFF00', 'rgb(255, 255, 0)')
In [63]:
1 = [[5*i + j \text{ for } j \text{ in } range(1,6)] \text{ for } i \text{ in } range(5)]
print(1)
[[1, 2, 3, 4, 5], [6, 7, 8, 9, 10], [11, 12, 13, 14, 15], [16, 17, 18, 19, 20], [21, 22, 2
3, 24, 25]]
In [64]:
#45
L = [(1, 2), (3, 4), (1, 2), (5, 6), (7, 8), (1, 2), (3, 4), (3, 4),
(7, 8), (9, 10)]
print("Original List: ", L)
print("Sorted Unique Data:", sorted(set().union(*L)))
Original List: [(1, 2), (3, 4), (1, 2), (5, 6), (7, 8), (1, 2), (3, 4), (3, 4), (7, 8),
(9, 10)]
Sorted Unique Data: [1, 2, 3, 4, 5, 6, 7, 8, 9, 10]
In [65]:
#46
x = [1, 2, 3, 4, 5, 6, 7, 8, 9]
print(x[::2])
[1, 3, 5, 7, 9]
In [66]:
color = ['Red', 'Green', 'Black']
print("Original List: ",color)
color = [v for elt in color for v in ('c', elt)]
print("Original List: ",color)
Original List: ['Red', 'Green', 'Black']
Original List: ['c', 'Red', 'c', 'Green', 'c', 'Black']
In [67]:
colors = [['Red'], ['Green'], ['Black']]
print('\n'.join([str(lst) for lst in colors]))
['Red']
['Green']
['Black']
In [68]:
#49
color name = ["Black", "Red", "Maroon", "Yellow"]
color code = ["#000000", "#FF0000", "#800000", "#FFFF00"]
```

```
print([{'color_name': f, 'color_code': c} for f, c in zip(color_name, color_code)])
[{'color name': 'Black', 'color code': '#000000'}, {'color name': 'Red', 'color code': '#
FF0000'}, {'color name': 'Maroon', 'color code': '#800000'}, {'color name': 'Yellow', 'co
lor code': '#FFFF00'}]
In [69]:
#50
my list = [{'key': {'subkey': 1}}, {'key': {'subkey': 10}}, {'key': {'subkey': 5}}]
print("Original List: ")
print(my list)
my list.sort(key=lambda e: e['key']['subkey'], reverse=True)
print("Sorted List: ")
print(my list)
Original List:
[{'key': {'subkey': 1}}, {'key': {'subkey': 10}}, {'key': {'subkey': 5}}]
Sorted List:
[{'key': {'subkey': 10}}, {'key': {'subkey': 5}}, {'key': {'subkey': 1}}]
In [70]:
#51
C = ['a', 'b', 'c', 'd', 'e', 'f', 'g', 'h', 'i', 'j', 'k', 'l', 'm', 'n']
def list slice(S, step):
   return [S[i::step] for i in range(step)]
print(list slice(C,3))
[['a', 'd', 'g', 'j', 'm'], ['b', 'e', 'h', 'k', 'n'], ['c', 'f', 'i', 'l']]
In [71]:
#52
from collections import Counter
color1 = ["red", "orange", "green", "blue", "white"]
color2 = ["black", "yellow", "green", "blue"]
counter1 = Counter(color1)
counter2 = Counter(color2)
print("Color1-Color2: ", list(counter1 - counter2))
print("Color2-Color1: ", list(counter2 - counter1))
Color1-Color2: ['red', 'orange', 'white']
Color2-Color1: ['black', 'yellow']
In [72]:
#53
import itertools
c = itertools.count()
print(next(c))
print(next(c))
print(next(c))
print (next(c))
print(next(c))
0
1
2
3
4
In [74]:
#54
color = ['blue', 'green', 'orange']
print('-'.join(color))
print(''.join(color))
blue-green-orange
bluegreenorange
```

```
In [75]:
#55
original_list = [{'key1':'value1', 'key2':'value2'}, {'key1':'value3', 'key2':'value4'}]
print("Original List: ")
print(original list)
new_list = [{k: v for k, v in d.items() if k != 'key1'} for d in original list]
print("New List: ")
print(new list)
Original List:
[{'key1': 'value1', 'key2': 'value2'}, {'key1': 'value3', 'key2': 'value4'}]
New List:
[{'key2': 'value2'}, {'key2': 'value4'}]
In [77]:
#56
import ast
color ="['blue', 'Green', 'White']"
print(ast.literal eval(color))
['blue', 'Green', 'White']
In [79]:
#57
color1 = ["green", "orange", "black", "white"]
color2 = ["green", "green", "green", "green"]
print(all(c == 'red' for c in color1))
print(all(c == 'green' for c in color2))
False
True
In [80]:
#58
num1 = [1, 3, 5, 7, 9, 10]
num2 = [2, 4, 6, 8]
num1[-1:] = num2
print(num1)
[1, 3, 5, 7, 9, 2, 4, 6, 8]
In [81]:
x = [1, 2, 3, 4, 5, 6]
xlen = len(x) - 1
print(x[xlen])
In [82]:
x = [(4, 1), (1, 2), (6, 0)]
print (min(x, key=lambda n: (n[1], -n[0])))
(6, 0)
In [83]:
#61
n = 5
print(1)
[{}, {}, {}, {}, {}]
```

```
In [85]:
#62
num = [1, 2, 3, 4, 5]
print (*num)
1 2 3 4 5
In [86]:
#63
num = [1, 2, 3, 4]
print(['emp{0}'.format(i) for i in num])
['emp1', 'emp2', 'emp3', 'emp4']
In [87]:
#64
num = [1, 2, 3]
color = ['blue', 'green', 'black']
for (a,b) in zip(num, color):
     print(a, b)
1 blue
2 green
3 black
In [88]:
#65
def test(lst):
    result = sorted(lst, key=lambda x: not x)
    return result
nums = [3,4,0,0,0,6,2,0,6,7,6,0,0,0,9,10,7,4,4,5,3,0,0,2,9,7,1]
print("\nOriginal list:")
print(nums)
print("\nMove all zero digits to end of the said list of numbers:")
print(test(nums))
Original list:
[3, 4, 0, 0, 0, 6, 2, 0, 6, 7, 6, 0, 0, 0, 9, 10, 7, 4, 4, 5, 3, 0, 0, 2, 9, 7, 1]
Move all zero digits to end of the said list of numbers:
[3, 4, 6, 2, 6, 7, 6, 9, 10, 7, 4, 4, 5, 3, 2, 9, 7, 1, 0, 0, 0, 0, 0, 0, 0, 0, 0]
In [89]:
num = [[1,2,3], [4,5,6], [10,11,12], [7,8,9]]
print(max(num, key=sum))
[10, 11, 12]
In [90]:
#67
list1 = [220, 330, 500]
list2 = [12, 17, 21]
print(all(x \ge 200 \text{ for } x \text{ in } list1))
print(all(x >= 25 for x in list2))
True
False
In [91]:
#68
x = [10, 20, 30]
y = [40, 50, 60]
x[:0] = y
print(x)
```

```
[40, 50, 60, 10, 20, 30]
In [92]:
#69
import itertools
num = [[10, 20], [40], [30, 56, 25], [10, 20], [33], [40]]
print("Original List", num)
num.sort()
new_num = list(num for num,_ in itertools.groupby(num))
print("New List", new_num)
Original List [[10, 20], [40], [30, 56, 25], [10, 20], [33], [40]]
New List [[10, 20], [30, 56, 25], [33], [40]]
In [93]:
#70
def dict_depth(d):
    if isinstance(d, dict):
        return 1 + (max(map(dict_depth, d.values())) if d else 0)
   return 0
dic = {'a':1, 'b': {'c': {'d': {}}}}
print(dict_depth(dic))
In [94]:
#71
my list = [{},{},{},{}]
my list1 = [{1:2},{},{}]
print(all(not d for d in my list))
print(all(not d for d in my list1))
True
False
```