*"""  
Comprehensions in Python provide us with a short and concise way to construct new sequences  
(such as lists, set, dictionary etc.) using sequences which have been already defined.  
Python supports the following 4 types of comprehensions:  
  
List Comprehensions  
Dictionary Comprehensions  
Set Comprehensions  
Generator Comprehensions  
"""  
# ls = []  
# for i in range(100):  
# if i % 3 == 0:  
# ls.append(i)*ls = [i **for** i **in** range(100) **if** i % 3 == 0] *# list comprehension*print(ls)  
  
  
dict1 = {i: **f'item {**i**}' for** i **in** range(1, 100) **if** i % 10 == 0} *# Dictionary Comprehension*dict2 = {value: key **for** key, value **in** dict1.items()} *# reverse dict using Dict Comp*print(dict2)