

QUESTION:04

Create double dictionaries one of which is your choice of dishes. Other one is dishes cooked in a week. Compare them and find how many dishes you will get of your choice to be cooked in next week. Print the name of those dishes as well.

INPUT

```
from math import*
print("DISHES OF MY CHOICE")
dic1={"dish1":"biryani","dish2":"chinese","dish3":"kabab","dish4":"custurd","dish5":"haleem","dish6":"qorma","dish7":"gajar ka halwa"}
print(dic1)
print("DISHES COOKED IN A WEEK")
dic2={"dish1":"daal chawal","dish2":"kabab","dish3":"chinese","dish4":"aloo qeema","dish5":"palak ghost","dish6":"nihari","dish7":"biryani"}
print(dic2)
print("DISHES OF MY CHOICE TO BE COOKED NEXT WEEK:")
for i in dic1.values():
    for j in dic2.values():
        if i in j:
            print(i)
```

OUTPUT:

DISHES OF MY CHOICE

```
{'dish1': 'biryani', 'dish2': 'chinese', 'dish3': 'kabab', 'dish4': 'custurd', 'dish5': 'haleem', 'dish6': 'qorma', 'dish7': 'gajar ka halwa'}
```

DISHES COOKED IN A WEEK

```
{'dish1': 'daal chawal', 'dish2': 'kabab', 'dish3': 'chinese', 'dish4': 'aloo qeema', 'dish5': 'palak ghost', 'dish6': 'nihari', 'dish7': 'biryani'}
```

DISHES OF MY CHOICE TO BE COOKED NEXT WEEK:

biryani

chinese

kabab

Process finished with exit code 0

QUESTION:05

Design a list of guests with family members on your sister wedding. Each family members must be counted. Your parents have made a list of guests and you have made another list. At the end compare both the list and find the common guests which both of you have invited and count them once. The program will return the number of guest with members and total number of guest. Use functions to perform the required actions.

INPUT:

```
from math import*
list_by_parents =
["kanwal","shano","tanveer","erum","kiran","arif","fazil","kazim","amir","asif","kashif","pervaz","naveed","afroze","urooj","reeshma","farwa"]
print(list_by_parents)
list_by_me =
["mariha","neha","soha","farwa","fiza","ali","saif","bushra","sidra","erum","hamza","arif","nimra","kazim","tooba","zehra","mosa","farah","bisma","dua","wareesha","yumna"]
print(list_by_me)
print("GUEST INVITED TWICE ARE: ")
def counting():
    for i in list_by_parents:
        for j in list_by_me:
            if i in j:
                print(i)
total_guest=len(list_by_parents)+len(list_by_me)-len(i)+1
```

```
    return total_guest
print("THE TOTAL GUEST INVITED ARE",counting())
```

OUTPUT:

['kanwal', 'shano', 'tanveer', 'erum', 'kiran', 'arif', 'fazil', 'kazim', 'amir', 'asif', 'kashif', 'pervaiz', 'naveed', 'afroze', 'urooj', 'reeshma', 'farwa']

['mariha', 'neha', 'soha', 'farwa', 'fiza', 'ali', 'saif', 'bushra', 'sidra', 'erum', 'hamza', 'arif', 'nimra', 'kazim', 'tooba', 'zehra', 'mosa', 'farah', 'bisma', 'dua', 'wareesha', 'yumna']

GUEST INVITED TWICE ARE:

erum

arif

kazim

farwa

THE TOTAL GUEST INVITED ARE 35

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