CS 634 Data Mining Midterm Project

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Database Contents:

Items in the Database:

Apple	Suzuki	Rolex	Nike	McD
OnePlus	Audi	Titan	GUCCI	Starbucks
IQ00	Tesla	Coach	Chanel	Subway
Poco	BMW	Hublot	Adidas	KFC
Samsung	MG	Fossil	Hermes	IHOP
ROG	Tata	Swiss	ZARA	Dunkin
Microsoft	Bugatti	Tissot	H&M	Popeyes
Орро	Maserati	Casio	Dior	Dominos
Vivo	Kia	Omega	Puma	Chipotle
Xiaomi	Pagani	Seiko	FILA	Wendys

Database 1 (1.csv):

IQ00	Tesla	Coach	Chanel	Subway
Poco	BMW	Hublot	McD	KFC
Samsung	MG	Fossil	Starbucks	IHOP
Tesla	Coach	Subway		
BMW	Hublot	Rolex	KFC	
MG	Fossil	Titan	IHOP	
Tata	Swiss	Coach	Dunkin	
Bugatti	Tissot	Hublot	Popeyes	
Maserati	Casio	Dominos		
Omega	Swiss	Chipotle		
Suzuki	GUCCI	Wendys		
Audi	Chanel	Casio		
Tesla	Omega			
Nike	Hermes	Seiko		
GUCCI	Titan	GUCCI	Starbucks	
Chanel	Coach	Chanel	Subway	
Adidas	Hublot	KFC		
Hermes	Tesla	Hermes IHOP		
ZARA	BMW	ZARA Dunkin		
H&M	H&M	Popeyes		

Database 2 (2.csv):

Dior	McD	Casio	Dior	Dominos
Puma	Starbucks	Omega	Puma	Chipotle
FILA	Seiko	FILA	Wendys	
Adidas	KFC			
Hermes	IHOP			
Орро	Maserati	Casio	Dior	Nike
Chanel	Subway	Audi	Titan	GUCCI
Adidas	KFC	Coach	Chanel	
Hermes	IHOP	BMW	Hublot	Adidas
ZARA	MG	Fossil	Hermes	
H&M	Popeyes			
Rolex	Swiss	ZARA		
Titan	Bugatti	Tissot	H&M	
Coach	Maserati	Casio		
Hublot	Kia	Omega	Puma	
Fossil	BMW	Adidas	KFC	
Swiss	MG	Fossil	Hermes	IHOP
Tissot	Fossil	Hermes	IHOP	
Casio	Swiss	ZARA	Dunkin	
Omega	H&M	Popeyes		

Database 3 (3.csv):

Seiko	Casio	Dior	Dominos		
Apple	Suzuki	Rolex			
OnePlus	Audi	Titan			
IQ00	Tesla	Coach			
Tesla	Coach	Chanel	Subway		
BMW	Hublot	Adidas	KFC		
MG	Fossil	Hermes	IHOP		
Tata	Swiss	ZARA	Dunkin		
Hublot	Apple	Suzuki	Rolex	Nike	McD
Fossil	OnePlus	Audi	Titan	GUCCI	Starbucks
Swiss	IQ00	Tesla	Coach	Chanel	Subway
Tissot	H&M				
Tesla	Chanel	Subway			
BMW	Adidas	KFC			
MG	Hermes	IHOP			
Tata	ZARA	Dunkin			
Bugatti	H&M	Popeyes			
Maserati	Dior	Dominos			
Apple	Suzuki	Rolex			
OnePlus	Audi	Titan			

Database 4 (4.csv):

IQ00	Tesla	Coach			
Apple	Rolex	Tesla	Coach		
OnePlus	Audi	BMW	Hublot	Starbucks	
IQ00	Titan	GUCCI	Starbucks		
Poco	Coach	Chanel	Subway		
Samsung	Hublot	Adidas	KFC	Nike	McD
ROG	Fossil	Hermes	IHOP	GUCCI	Starbucks
Microsoft	Swiss	ZARA	Dunkin	Chanel	Subway
Bugatti	Tissot	H&M	Popeyes		
Vivo	OnePlus	Audi	Titan	GUCCI	Starbucks
Xiaomi	IQ00	Tesla	Coach	Chanel	Subway
Poco	Poco	BMW	Hublot	Adidas	KFC
Samsung	Swiss	ZARA	Dunkin	Adidas	
ROG	Tissot	H&M	Popeyes	KFC	
Rolex	Casio	Dior	Dominos	IHOP	
Titan	Omega	Puma	Chipotle	Dunkin	
Coach	Bugatti	Tissot	H&M	Popeyes	
Hublot	Tissot	H&M			
Fossil	Puma	Kia	Omega		
Swiss	Tata	Pagani	Fossil	Hermes	

Database 5 (5.csv):

Tissot	Bugatti	Audi	Titan	GUCCI	Starbucks
Casio	MG	Fossil	Hermes	Chanel	
Audi	Tata	Swiss	ZARA	Adidas	KFC
Tesla	Bugatti	Tissot	H&M	Hermes	IHOP
BMW	Coach	Chanel	Tesla	Coach	Chanel
MG	Hublot	Adidas	BMW	Hublot	Adidas
Tata	Fossil	Hermes	MG	Fossil	Hermes
Росо	Swiss	ZARA	OnePlus	Audi	
Samsung	Hublot	Adidas	IQ00	Tesla	
ROG	Fossil	Hermes	Росо	BMW	
Bugatti	Swiss	ZARA	Samsung	MG	
Орро	Tissot	H&M	ROG	Tata	
Kia	Casio	Dior	Microsoft	Bugatti	
Xiaomi	Bugatti	Tissot	Орро	Maserati	Coach
Tesla	Samsung	Bugatti	Swiss	ZARA	Dunkin
BMW	ROG	Maserati	Tissot	H&M	Popeyes
MG	Microsoft	Kia	Casio	Dior	Dominos
Tata	Орро	Pagani	Omega	Puma	Chipotle
Bugatti	Omega	H&M	Seiko	FILA	Wendys
Maserati	Casio	Dior	Vivo	Kia	

Apriori Source Code:

Database 1:

```
import pandas as pd
import time
from itertools import combinations
import math
db1 = pd.read_csv('d:/1.csv', header = None)
print("Database 1:")
print(db1)
print()
db1 l = db1.values.tolist() #Converting CSV to List
db1_list = []
for i in db1_l:
 1 = []
  for j in i:
    if type(j) == str: #Removing Nan values (Not A Number) from Transactions
      j = j.strip()
      1.append(j)
  db1_list.append(1)
print("Transactions After Removing Redundancy:")
for i in db1_list:
 print(i)
print()
total transactions = len(db1 list) #Total No. of. Transactions
min support = float(input("Minimum Support (In %): "))
min_confidence = float(input("Minimum Confidence (In %): "))
start time = time.time() #Stores particular instance of time immediately after
triggering the program
s = total_transactions * (min_support / 100) #Converting min_support from
percentage to float
size = 0
ans = []
flist = []
items = []
association_rules = {}
def freq(list 1): #Function to calculate frequency
```

```
f = \{\}
  if size == 0:
    for i in list_l:
      for j in i:
        if j not in f.keys():
          f[j] = 1
          items.append(j)
        else:
          f[j] = f[j] + 1
  elif size>0:
    for i in list_l:
      if i not in f.keys():
        f[i] = 1
      else:
        f[i] += 1
  flist.append(f)
def checkminsup(list_1): #Function that eliminates all the Itemsets with
support less than min_support
 1=[]
 freq(list_l)
  for i in flist[size].keys():
    if flist[size][i] >= s: #Stores min support items after computation of freq
in fl
      1.append(i)
  ans.append(1)
def unique_items(list_1): #Function to return all the unique items
 1 = \lceil \rceil
  if size == 1:
    l = list_1
  else:
    for i in list_1:
      for j in i:
        if j not in 1:
          1.append(j)
  return 1
def calc_sup(count_itemset, count_total): #Function that computes support
  temp_s = 100 * (count_itemset / count_total)
 return temp_s
def calc_conf(count_LHSRHS, count_LHS): #Function that computes confidence
  temp_c = 100 * (count_LHSRHS / count_LHS)
 return temp c
```

```
def fact(a, b): # Return Factorial for Total No of Combinations
 return math.factorial(a)/math.factorial(b)
def calc_confidence(): #Stores all the subsets of frequent itemsets to
calculate confidence
 for item in fans:
   if (len(item)) < 2: #Confidence cannot be computed for Itemsets of size 1
      continue
    for i in range(1, len(item)):
      LHS = [] #Stores LHS part of the Association Rule
      RHS = [] #Stores RHS part of the Association Rule
      idx = [] #Stores the position of index in the LHS part
      for j in range(i):
        idx.append(j)
      for j in idx:
        LHS.append(item[j])
      for j in range(len(item)):
        if j not in idx:
          RHS.append(item[j])
      total_count = 0 #Total No. of. Transactions in the Database
      LHS_count = 0 #Total No. of. Occurences of the item in the LHS part
      for ITEM in range(len(db1_list)):
        if (all(x in db1_list[ITEM] for x in LHS)):
          LHS count += 1
          if (all(x in db1_list[ITEM] for x in RHS)):
            total_count += 1
      temp_c = calc_conf(calc_sup(total_count, total_transactions),
calc sup(LHS count, total transactions))
      if temp_c >= min_confidence: #Eliminates Association Rules if confidence
c min confidence
        kev = ""
        val = ""
        for j in LHS:
          key += " " + j
        key = key.strip()
        for j in RHS:
         val += " " + j
```

```
val = val.strip()
        if key in association_rules.keys():
          association_rules[key].append([val, round(temp_c, 2)])
        else:
          1 = []
          1.append([val, round(temp_c, 2)])
          association_rules[key] = 1
      last_idx = len(idx) - 1
      total_combinations = fact(len(item), i)
      while total combinations:
        LHS = [] #Emptying LHS
        RHS = [] #Emptying RHS
        for j in range(i-1, -1, -1):
          if (idx[j] < (len(item)-(last_idx-j)-1)):</pre>
            t_idx = idx[j] + 1
            for k in range(j, i):
              idx[k] = t_idx
              t idx += 1
            break
          else:
            continue
        for j in idx: #Stores LHS
          LHS.append(item[j])
        for j in range(len(item)): #Stores RHS
          if j not in idx:
            RHS.append(item[j])
        total_count = 0 #Total No. of. Transactions in the Database
        LHS_count = 0 #Total No. of. Occurences of the item in the LHS part
        for ITEM in range(len(db1_list)):
          if (all(x in db1_list[ITEM] for x in LHS)):
            LHS count += 1
            if (all(x in db1_list[ITEM] for x in RHS)):
              total_count += 1
        temp_c = calc_conf(calc_sup(total_count, total_transactions),
calc_sup(LHS_count, total_transactions))
```

```
if temp_c < min_confidence:</pre>
          total combinations -= 1
          continue
        key = "" #Ignores Association Rules if confidence < min_confidence</pre>
        val = ""
        for j in LHS:
          key += " " + j
        key = key.strip()
        for j in RHS:
          val += " " + j
        val = val.strip()
        if key in association_rules.keys():
          if (val not in [item[0] for item in association_rules[key]]):
            association_rules[key].append([val, round(temp_c, 2)])
        else:
          temp = []
          temp.append([val, round(temp_c, 2)])
          association_rules[key] = temp
        total_combinations -= 1
if size == 0:
  checkminsup(db1 list) #Helps in identifying Frequent Itemsets of size 1
  size += 1
while len(ans[-1]) > 0: #Helps in identifying Frequent Itemsets of size > 1
  newl1 = unique_items(ans[size-1])
  newl1 = combinations(newl1, size+1)
 newl1 = list(newl1)
  f1 = []
  for i in newl1:
   for j in db1 list:
      condition = set(i).issubset(set(j))
      if condition:
        fl.append(frozenset(i))
  checkminsup(f1)
  size += 1
for i in range(len(ans)-1): #Printing all the possible Frequent Itemsets that
satisfies min support condition
 print("\nFrequent Itemset", end = "")
 if len(ans[i]) > 1:
    print("s", end = "")
  print(" of Size", i+1, "Satisfying Minimum Support Condition", end = ":\n")
```

```
if i == 0:
    for j in ans[i]:
      fval = flist[i][j]
      print("{", end = "")
      print(j, end = "")
      print("}:", fval)
  else:
    for j in ans[i]:
      fval = flist[i][j]
      k = list(j)
      print("{", end = "")
      for l in k[:-1]:
        print(1, end = ", ")
      print(k[-1], end = "}: ")
      print(fval)
fans = []
for i in range(len(ans)):
  if i == 0:
    for j in ans[i]:
      fans.append([j])
  else:
    for j in ans[i]:
      k = list(j)
      fans.append(k)
if(ans[1] != []): #Calculating confidence of all the possible itemsets
  calc_confidence()
  print("\nConfidence of all the Possible Association Rules:")
  for key in association_rules:
    for value in association_rules[key]:
      print("{", end = "")
      for j in key:
        if j == " ":
          print(", ", end = "")
        else:
          print(j, end = "")
      print(") -> {", end = "")
      for j in range(len(value[0])):
        if value[0][j] == " ":
          if j == 0:
            continue
          else:
            print(end = ", ")
        else:
```

```
print(value[0][j], end = "")
print("} <=> Confidence: " + str(value[1]) + "%")

total_time = time.time() - start_time
print("\nTotal Time taken for Computation using Apriori Algorithm:",
total_time)
```

Output:

```
Database 1:
           1
                       3
     0
                            4
                           Chanel Subway
0
     IOOO Tesla
                   Coach
1
     Poco BMW Hublot
                              McD
                                     KFC
2
   Samsung
              MG Fossil Starbucks IHOP
3
    Tesla Coach Subway
                             NaN
                                    NaN
4
     BMW Hublot
                              KFC
                    Rolex
                                     NaN
5
     MG Fossil
                  Titan
                          IHOP
                                  NaN
6
     Tata Swiss
                  Coach
                          Dunkin NaN
7
  Bugatti Tissot Hublot Popeyes
                                   NaN
8 Maserati Casio Dominos
                              NaN
                                     NaN
    Omega Swiss Chipotle
9
                              NaN
                                     NaN
10
    Suzuki GUCCI Wendys
                                NaN NaN
                            NaN
11
     Audi Chanel
                   Casio
                                   NaN
12
    Tesla Omega
                     NaN
                             NaN
                                    NaN
13
     Nike Hermes
                    Seiko
                             NaN
                                    NaN
14
    GUCCI Titan
                   GUCCI Starbucks
                                       NaN
15
    Chanel Coach Chanel
                            Subway
                                      NaN
                                    NaN
    Adidas Hublot
                     KFC
                              NaN
16
17
    Hermes Tesla Hermes
                              IHOP
                                     NaN
18
     ZARA
              BMW
                      ZARA
                               Dunkin
                                        NaN
19
             H&M Popeyes
     H&M
                                NaN
                                      NaN
Transactions After Removing Redundancy:
['IQOO', 'Tesla', 'Coach', 'Chanel', 'Subway']
['Poco', 'BMW', 'Hublot', 'McD', 'KFC']
['Samsung', 'MG', 'Fossil', 'Starbucks', 'IHOP']
['Tesla', 'Coach', 'Subway']
['BMW', 'Hublot', 'Rolex', 'KFC']
['MG', 'Fossil', 'Titan', 'IHOP']
['Tata', 'Swiss', 'Coach', 'Dunkin']
['Bugatti', 'Tissot', 'Hublot', 'Popeyes']
['Maserati', 'Casio', 'Dominos']
['Omega', 'Swiss', 'Chipotle']
['Suzuki', 'GUCCI', 'Wendys']
['Audi', 'Chanel', 'Casio']
['Tesla', 'Omega']
```

```
['Nike', 'Hermes', 'Seiko']
['GUCCI', 'Titan', 'GUCCI', 'Starbucks']
['Chanel', 'Coach', 'Chanel', 'Subway']
['Adidas', 'Hublot', 'KFC']
['Hermes', 'Tesla', 'Hermes', 'IHOP']
['ZARA', 'BMW', 'ZARA', 'Dunkin']
['H&M', 'H&M', 'Popeyes']
Minimum Support (In %): 15
Minimum Confidence (In %): 15
Frequent Itemsets of Size 1 Satisfying Minimum Support Condition:
{Tesla}: 4
{Coach}: 4
{Chanel}: 4
{Subway}: 3
{BMW}: 3
{Hublot}: 4
{KFC}: 3
{IHOP}: 3
{GUCCI}: 3
{Hermes}: 3
Frequent Itemsets of Size 2 Satisfying Minimum Support Condition:
{Coach, Subway}: 3
{Hublot, KFC}: 3
Confidence of all the Possible Association Rules:
{Coach} -> {Subway} <=> Confidence: 75.0%
{Subway} -> {Coach} <=> Confidence: 100.0%
{Hublot} -> {KFC} <=> Confidence: 75.0%
{KFC} -> {Hublot} <=> Confidence: 100.0%
Total Time taken for Computation using Apriori Algorithm: 0.01852703094482422
```

Database 2:

```
import pandas as pd
import time
from itertools import combinations
import math
db1 = pd.read_csv('d:/2.csv', header = None)
print("Database 2:")
orint(db1)
print()
db1_l = db1.values.tolist() #Converting CSV to List
db1 list = []
for i in db1_l:
 1 = []
  for j in i:
   if type(j) == str: #Removing Nan values (Not A Number) from Transactions
      j = j.strip()
      1.append(j)
 db1 list.append(1)
print("Transactions After Removing Redundancy:")
for i in db1 list:
 print(i)
print()
total_transactions = len(db1_list) #Total No. of. Transactions
min_support = float(input("Minimum Support (In %): "))
min_confidence = float(input("Minimum Confidence (In %): "))
start time = time.time() #Stores particular instance of time immediately after
triggering the program
s = total_transactions * (min_support / 100) #Converting min_support from
percentage to float
size = 0
ans = []
flist = []
items = []
association_rules = {}
def freq(list 1): #Function to calculate frequency
 f = \{\}
```

```
if size == 0:
    for i in list_l:
      for j in i:
        if j not in f.keys():
          f[j] = 1
          items.append(j)
        else:
          f[j] = f[j] + 1
  elif size>0:
    for i in list_l:
      if i not in f.keys():
        f[i] = 1
      else:
        f[i] += 1
  flist.append(f)
def checkminsup(list_1): #Function that eliminates all the Itemsets with
support less than min_support
  1=[]
  freq(list_1)
 for i in flist[size].keys():
    if flist[size][i] >= s: #Stores min support items after computation of freq
in fl
      1.append(i)
  ans.append(1)
def unique_items(list_1): #Function to return all the unique items
  1 = []
  if size == 1:
   l = list_1
  else:
    for i in list_1:
      for j in i:
        if j not in 1:
          1.append(j)
  return 1
def calc_sup(count_itemset, count_total): #Function that computes support
  temp_s = 100 * (count_itemset / count_total)
  return temp_s
def calc_conf(count_LHSRHS, count_LHS): #Function that computes confidence
  temp_c = 100 * (count_LHSRHS / count_LHS)
  return temp_c
```

```
def fact(a, b): # Return Factorial for Total No of Combinations
  return math.factorial(a)/math.factorial(b)
def calc confidence(): #Stores all the subsets of frequent itemsets to
calculate confidence
  for item in fans:
    if (len(item)) < 2: #Confidence cannot be computed for Itemsets of size 1
      continue
    for i in range(1, len(item)):
      LHS = [] #Stores LHS part of the Association Rule
      RHS = [] #Stores RHS part of the Association Rule
      idx = [] #Stores the position of index in the LHS part
      for j in range(i):
        idx.append(j)
      for j in idx:
        LHS.append(item[j])
      for j in range(len(item)):
        if j not in idx:
          RHS.append(item[j])
      total_count = 0 #Total No. of. Transactions in the Database
      LHS_count = 0 #Total No. of. Occurences of the item in the LHS part
      for ITEM in range(len(db1_list)):
        if (all(x in db1_list[ITEM] for x in LHS)):
          LHS_count += 1
          if (all(x in db1 list[ITEM] for x in RHS)):
            total count += 1
      temp_c = calc_conf(calc_sup(total_count, total_transactions),
calc sup(LHS count, total transactions))
      if temp c >= min confidence: #Eliminates Association Rules if confidence
< min_confidence</pre>
        key = ""
        val = ""
        for j in LHS:
          key += " " + j
        key = key.strip()
        for j in RHS:
          val += " " + j
        val = val.strip()
```

```
if key in association rules.keys():
          association_rules[key].append([val, round(temp_c, 2)])
        else:
          1 = []
          1.append([val, round(temp_c, 2)])
          association_rules[key] = 1
      last_idx = len(idx) - 1
      total_combinations = fact(len(item), i)
      while total_combinations:
        LHS = [] #Emptying LHS
        RHS = [] #Emptying RHS
        for j in range(i-1, -1, -1):
          if (idx[j] < (len(item)-(last_idx-j)-1)):</pre>
            t_idx = idx[j] + 1
            for k in range(j, i):
              idx[k] = t_idx
              t_idx += 1
            break
          else:
            continue
        for j in idx: #Stores LHS
          LHS.append(item[j])
        for j in range(len(item)): #Stores RHS
          if j not in idx:
            RHS.append(item[j])
        total_count = 0 #Total No. of. Transactions in the Database
        LHS count = 0 #Total No. of. Occurences of the item in the LHS part
        for ITEM in range(len(db1_list)):
          if (all(x in db1_list[ITEM] for x in LHS)):
            LHS_count += 1
            if (all(x in db1_list[ITEM] for x in RHS)):
              total_count += 1
        temp_c = calc_conf(calc_sup(total_count, total_transactions),
calc_sup(LHS_count, total_transactions))
        if temp c < min confidence:
```

```
total combinations -= 1
          continue
        key = "" #Ignores Association Rules if confidence < min_confidence</pre>
        val = ""
        for j in LHS:
          key += " " + j
        key = key.strip()
        for j in RHS:
          val += " " + j
        val = val.strip()
        if key in association_rules.keys():
          if (val not in [item[0] for item in association rules[key]]):
            association_rules[key].append([val, round(temp_c, 2)])
        else:
          temp = []
          temp.append([val, round(temp_c, 2)])
          association_rules[key] = temp
        total_combinations -= 1
if size == 0:
  checkminsup(db1_list) #Helps in identifying Frequent Itemsets of size 1
  size += 1
while len(ans[-1]) > 0: #Helps in identifying Frequent Itemsets of size > 1
  newl1 = unique_items(ans[size-1])
  newl1 = combinations(newl1, size+1)
  newl1 = list(newl1)
 fl = []
  for i in newl1:
    for j in db1_list:
      condition = set(i).issubset(set(j))
      if condition:
        fl.append(frozenset(i))
  checkminsup(fl)
  size += 1
for i in range(len(ans)-1): #Printing all the possible Frequent Itemsets that
satisfies min support condition
 print("\nFrequent Itemset", end = "")
  if len(ans[i]) > 1:
    print("s", end = "")
  print(" of Size", i+1, "Satisfying Minimum Support Condition", end = ":\n")
  if i == 0:
```

```
for j in ans[i]:
      fval = flist[i][j]
      print("{", end = "")
      print(j, end = "")
      print("}:", fval)
  else:
    for j in ans[i]:
      fval = flist[i][j]
      k = list(j)
      print("{", end = "")
      for 1 in k[:-1]:
        print(1, end = ", ")
      print(k[-1], end = "}: ")
      print(fval)
fans = []
for i in range(len(ans)):
 if i == 0:
    for j in ans[i]:
      fans.append([j])
  else:
    for j in ans[i]:
      k = list(j)
      fans.append(k)
if(ans[1] != []): #Calculating confidence of all the possible itemsets
 calc_confidence()
  print("\nConfidence of all the Possible Association Rules:")
  for key in association rules:
    for value in association_rules[key]:
      print("{", end = "")
      for j in key:
        if j == " ":
          print(", ", end = "")
        else:
          print(j, end = "")
      print(") -> {", end = "")
      for j in range(len(value[0])):
        if value[0][j] == " ":
          if j == 0:
            continue
          else:
            print(end = ", ")
        else:
          print(value[0][j], end = "")
```

```
print(") <=> Confidence: " + str(value[1]) + "%")

total_time = time.time() - start_time
print("\nTotal Time taken for Computation using Apriori Algorithm:",
total_time)
```

Output:

```
Database 2:
    0
           1
                2
                     3
0
   Dior
            McD Casio Dior Dominos
   Puma Starbucks Omega Puma Chipotle
1
   FILA
                   FILA Wendys
                                    NaN
           Seiko
3 Adidas
                    NaN
             KFC
                           NaN
                                   NaN
4 Hermes
             IHOP
                     NaN
                            NaN
                                    NaN
5
  Oppo Maserati Casio Dior
                                  Nike
6 Chanel
          Subway
                     Audi Titan
                                  GUCCI
7 Adidas
             KFC Coach Chanel
                                    NaN
8 Hermes
             IHOP
                     BMW Hublot Adidas
9
   ZARA
              MG Fossil Hermes
                                    NaN
10 H&M Popeyes
                      NaN
                             NaN
                                     NaN
11 Rolex
            Swiss
                  ZARA
                            NaN
                                    NaN
12 Titan Bugatti Tissot
                          H&M
                                   NaN
13 Coach Maserati Casio NaN
                                    NaN
14 Hublot
             Kia Omega Puma
                                    NaN
15 Fossil
            BMW Adidas
                            KFC
                                    NaN
16 Swiss
             MG Fossil Hermes
                                   IHOP
17 Tissot
           Fossil Hermes IHOP
                                   NaN
18 Casio
           Swiss
                   ZARA Dunkin
                                    NaN
19 Omega
              H&M Popeyes
                                      NaN
                              NaN
Transactions After Removing Redundancy:
['Dior', 'McD', 'Casio', 'Dior', 'Dominos']
['Puma', 'Starbucks', 'Omega', 'Puma', 'Chipotle']
['FILA', 'Seiko', 'FILA', 'Wendys']
['Adidas', 'KFC']
['Hermes', 'IHOP']
['Oppo', 'Maserati', 'Casio', 'Dior', 'Nike']
['Chanel', 'Subway', 'Audi', 'Titan', 'GUCCI']
['Adidas', 'KFC', 'Coach', 'Chanel']
['Hermes', 'IHOP', 'BMW', 'Hublot', 'Adidas']
['ZARA', 'MG', 'Fossil', 'Hermes']
['H&M', 'Popeyes']
['Rolex', 'Swiss', 'ZARA']
['Titan', 'Bugatti', 'Tissot', 'H&M']
['Coach', 'Maserati', 'Casio']
```

```
['Hublot', 'Kia', 'Omega', 'Puma']
['Fossil', 'BMW', 'Adidas', 'KFC']
['Swiss', 'MG', 'Fossil', 'Hermes', 'IHOP']
['Tissot', 'Fossil', 'Hermes', 'IHOP']
['Casio', 'Swiss', 'ZARA', 'Dunkin']
['Omega', 'H&M', 'Popeyes']
Minimum Support (In %): 15
Minimum Confidence (In %): 15
Frequent Itemsets of Size 1 Satisfying Minimum Support Condition:
{Dior}: 3
{Casio}: 4
{Puma}: 3
{Omega}: 3
{Adidas}: 4
{KFC}: 3
{Hermes}: 5
{IHOP}: 4
{ZARA}: 3
{Fossil}: 4
{H&M}: 3
{Swiss}: 3
Frequent Itemsets of Size 2 Satisfying Minimum Support Condition:
{Adidas, KFC}: 3
{IHOP, Hermes}: 4
{Fossil, Hermes}: 3
Confidence of all the Possible Association Rules:
{Adidas} -> {KFC} <=> Confidence: 75.0%
{KFC} -> {Adidas} <=> Confidence: 100.0%
{IHOP} -> {Hermes} <=> Confidence: 100.0%
{Hermes} -> {IHOP} <=> Confidence: 80.0%
{Hermes} -> {Fossil} <=> Confidence: 60.0%
{Fossil} -> {Hermes} <=> Confidence: 75.0%
Total Time taken for Computation using Apriori Algorithm: 0.027806520462036133
```

Database 3:

```
import pandas as pd
import time
from itertools import combinations
import math
db1 = pd.read_csv('d:/3.csv', header = None)
print("Database 3:")
orint(db1)
print()
db1_l = db1.values.tolist() #Converting CSV to List
db1 list = []
for i in db1_l:
 1 = []
  for j in i:
   if type(j) == str: #Removing Nan values (Not A Number) from Transactions
      j = j.strip()
      1.append(j)
 db1 list.append(1)
print("Transactions After Removing Redundancy:")
for i in db1 list:
 print(i)
print()
total_transactions = len(db1_list) #Total No. of. Transactions
min_support = float(input("Minimum Support (In %): "))
min_confidence = float(input("Minimum Confidence (In %): "))
start time = time.time() #Stores particular instance of time immediately after
triggering the program
s = total_transactions * (min_support / 100) #Converting min_support from
percentage to float
size = 0
ans = []
flist = []
items = []
association_rules = {}
def freq(list_1): #Function to calculate frequency
 f = \{\}
```

```
if size == 0:
    for i in list_l:
      for j in i:
        if j not in f.keys():
          f[j] = 1
          items.append(j)
        else:
          f[j] = f[j] + 1
  elif size>0:
    for i in list_l:
      if i not in f.keys():
        f[i] = 1
      else:
        f[i] += 1
  flist.append(f)
def checkminsup(list_1): #Function that eliminates all the Itemsets with
support less than min_support
  1=[]
  freq(list_1)
 for i in flist[size].keys():
    if flist[size][i] >= s: #Stores min support items after computation of freq
in fl
      1.append(i)
  ans.append(1)
def unique_items(list_1): #Function to return all the unique items
  1 = []
  if size == 1:
   l = list_1
  else:
    for i in list_1:
      for j in i:
        if j not in 1:
          1.append(j)
  return 1
def calc_sup(count_itemset, count_total): #Function that computes support
  temp_s = 100 * (count_itemset / count_total)
  return temp_s
def calc_conf(count_LHSRHS, count_LHS): #Function that computes confidence
  temp_c = 100 * (count_LHSRHS / count_LHS)
  return temp_c
```

```
def fact(a, b): # Return Factorial for Total No of Combinations
  return math.factorial(a)/math.factorial(b)
def calc confidence(): #Stores all the subsets of frequent itemsets to
calculate confidence
  for item in fans:
    if (len(item)) < 2: #Confidence cannot be computed for Itemsets of size 1
      continue
    for i in range(1, len(item)):
      LHS = [] #Stores LHS part of the Association Rule
      RHS = [] #Stores RHS part of the Association Rule
      idx = [] #Stores the position of index in the LHS part
      for j in range(i):
        idx.append(j)
      for j in idx:
        LHS.append(item[j])
      for j in range(len(item)):
        if j not in idx:
          RHS.append(item[j])
      total_count = 0 #Total No. of. Transactions in the Database
      LHS_count = 0 #Total No. of. Occurences of the item in the LHS part
      for ITEM in range(len(db1_list)):
        if (all(x in db1_list[ITEM] for x in LHS)):
          LHS_count += 1
          if (all(x in db1 list[ITEM] for x in RHS)):
            total count += 1
      temp_c = calc_conf(calc_sup(total_count, total_transactions),
calc sup(LHS count, total transactions))
      if temp c >= min confidence: #Eliminates Association Rules if confidence
< min_confidence</pre>
        key = ""
        val = ""
        for j in LHS:
          key += " " + j
        key = key.strip()
        for j in RHS:
          val += " " + j
        val = val.strip()
```

```
if key in association rules.keys():
          association_rules[key].append([val, round(temp_c, 2)])
        else:
          1 = []
          1.append([val, round(temp_c, 2)])
          association_rules[key] = 1
      last_idx = len(idx) - 1
      total_combinations = fact(len(item), i)
      while total_combinations:
        LHS = [] #Emptying LHS
        RHS = [] #Emptying RHS
        for j in range(i-1, -1, -1):
          if (idx[j] < (len(item)-(last_idx-j)-1)):</pre>
            t_idx = idx[j] + 1
            for k in range(j, i):
              idx[k] = t_idx
              t_idx += 1
            break
          else:
            continue
        for j in idx: #Stores LHS
          LHS.append(item[j])
        for j in range(len(item)): #Stores RHS
          if j not in idx:
            RHS.append(item[j])
        total_count = 0 #Total No. of. Transactions in the Database
        LHS count = 0 #Total No. of. Occurences of the item in the LHS part
        for ITEM in range(len(db1_list)):
          if (all(x in db1_list[ITEM] for x in LHS)):
            LHS_count += 1
            if (all(x in db1_list[ITEM] for x in RHS)):
              total_count += 1
        temp_c = calc_conf(calc_sup(total_count, total_transactions),
calc_sup(LHS_count, total_transactions))
        if temp c < min confidence:
```

```
total combinations -= 1
          continue
        key = "" #Ignores Association Rules if confidence < min_confidence</pre>
        val = ""
        for j in LHS:
          key += " " + j
        key = key.strip()
        for j in RHS:
          val += " " + j
        val = val.strip()
        if key in association_rules.keys():
          if (val not in [item[0] for item in association rules[key]]):
            association_rules[key].append([val, round(temp_c, 2)])
        else:
          temp = []
          temp.append([val, round(temp_c, 2)])
          association_rules[key] = temp
        total_combinations -= 1
if size == 0:
  checkminsup(db1_list) #Helps in identifying Frequent Itemsets of size 1
  size += 1
while len(ans[-1]) > 0: #Helps in identifying Frequent Itemsets of size > 1
  newl1 = unique_items(ans[size-1])
  newl1 = combinations(newl1, size+1)
  newl1 = list(newl1)
 fl = []
  for i in newl1:
    for j in db1_list:
      condition = set(i).issubset(set(j))
      if condition:
        fl.append(frozenset(i))
  checkminsup(fl)
  size += 1
for i in range(len(ans)-1): #Printing all the possible Frequent Itemsets that
satisfies min support condition
 print("\nFrequent Itemset", end = "")
  if len(ans[i]) > 1:
    print("s", end = "")
  print(" of Size", i+1, "Satisfying Minimum Support Condition", end = ":\n")
  if i == 0:
```

```
for j in ans[i]:
      fval = flist[i][j]
      print("{", end = "")
      print(j, end = "")
      print("}:", fval)
  else:
    for j in ans[i]:
      fval = flist[i][j]
      k = list(j)
      print("{", end = "")
      for 1 in k[:-1]:
        print(1, end = ", ")
      print(k[-1], end = "}: ")
      print(fval)
fans = []
for i in range(len(ans)):
 if i == 0:
    for j in ans[i]:
      fans.append([j])
  else:
    for j in ans[i]:
      k = list(j)
      fans.append(k)
if(ans[1] != []): #Calculating confidence of all the possible itemsets
  calc_confidence()
  print("\nConfidence of all the Possible Association Rules:")
  for key in association rules:
    for value in association_rules[key]:
      print("{", end = "")
      for j in key:
        if j == " ":
          print(", ", end = "")
        else:
          print(j, end = "")
      print(") -> {", end = "")
      for j in range(len(value[0])):
        if value[0][j] == " ":
          if j == 0:
            continue
          else:
            print(end = ", ")
        else:
          print(value[0][j], end = "")
```

```
print("} <=> Confidence: " + str(value[1]) + "%")

total_time = time.time() - start_time
print("\nTotal Time taken for Computation using Apriori Algorithm:",
total_time)
```

Output:

```
Database 3:
      0
           1
                2
                      3
                           4
                                  5
0
    Seiko Casio
                   Dior Dominos
                                   NaN
                                           NaN
    Apple Suzuki Rolex
                                  NaN
1
                            NaN
                                           NaN
2
   OnePlus
             Audi
                   Titan
                            NaN
                                  NaN
                                           NaN
3
    IOOO Tesla Coach
                            NaN
                                  NaN
                                           NaN
4
    Tesla Coach Chanel Subway
                                   NaN
                                            NaN
5
     BMW Hublot Adidas
                             KFC
                                    NaN
                                             NaN
6
     MG Fossil Hermes
                           IHOP
                                   NaN
                                            NaN
7
    Tata Swiss
                  ZARA Dunkin
                                   NaN
                                            NaN
8
   Hublot Apple Suzuki Rolex Nike
                                           McD
9
   Fossil OnePlus
                    Audi
                          Titan GUCCI Starbucks
10
    Swiss
            OOQI
                    Tesla Coach Chanel
                                           Subway
            H&M
                     NaN
11
    Tissot
                             NaN
                                   NaN
                                            NaN
    Tesla Chanel Subway
12
                             NaN
                                    NaN
                                             NaN
13
     BMW Adidas
                      KFC
                              NaN
                                    NaN
                                             NaN
14
      MG Hermes
                     IHOP
                             NaN
                                    NaN
                                             NaN
           ZARA Dunkin
15
     Tata
                             NaN
                                    NaN
                                             NaN
16 Bugatti
             H&M Popeves
                              NaN
                                     NaN
                                             NaN
17 Maserati
             Dior Dominos
                              NaN
                                     NaN
                                             NaN
    Apple Suzuki Rolex
18
                            NaN
                                   NaN
                                            NaN
19 OnePlus
              Audi Titan
                            NaN
                                   NaN
                                            NaN
Transactions After Removing Redundancy:
['Seiko', 'Casio', 'Dior', 'Dominos']
['Apple', 'Suzuki', 'Rolex']
['OnePlus', 'Audi', 'Titan']
['IQOO', 'Tesla', 'Coach']
['Tesla', 'Coach', 'Chanel', 'Subway']
['BMW', 'Hublot', 'Adidas', 'KFC']
['MG', 'Fossil', 'Hermes', 'IHOP']
['Tata', 'Swiss', 'ZARA', 'Dunkin']
['Hublot', 'Apple', 'Suzuki', 'Rolex', 'Nike', 'McD']
['Fossil', 'OnePlus', 'Audi', 'Titan', 'GUCCI', 'Starbucks']
['Swiss', 'IOOO', 'Tesla', 'Coach', 'Chanel', 'Subway']
['Tissot', 'H&M']
['Tesla', 'Chanel', 'Subway']
['BMW', 'Adidas', 'KFC']
```

```
['MG', 'Hermes', 'IHOP']
['Tata', 'ZARA', 'Dunkin']
['Bugatti', 'H&M', 'Popeyes']
['Maserati', 'Dior', 'Dominos']
['Apple', 'Suzuki', 'Rolex']
['OnePlus', 'Audi', 'Titan']
Minimum Support (In %): 15
Minimum Confidence (In %): 15
Frequent Itemsets of Size 1 Satisfying Minimum Support Condition:
{Apple}: 3
{Suzuki}: 3
{Rolex}: 3
{OnePlus}: 3
{Audi}: 3
{Titan}: 3
{Tesla}: 4
{Coach}: 3
{Chanel}: 3
{Subway}: 3
Frequent Itemsets of Size 2 Satisfying Minimum Support Condition:
{Suzuki, Apple}: 3
{Rolex, Apple}: 3
{Rolex, Suzuki}: 3
{Audi, OnePlus}: 3
{Titan, OnePlus}: 3
{Audi, Titan}: 3
{Tesla, Coach}: 3
{Tesla, Chanel}: 3
{Tesla, Subway}: 3
{Subway, Chanel}: 3
Frequent Itemsets of Size 3 Satisfying Minimum Support Condition:
{Apple, Rolex, Suzuki}: 3
{Audi, Titan, OnePlus}: 3
{Tesla, Subway, Chanel}: 3
Confidence of all the Possible Association Rules:
{Suzuki} -> {Apple} <=> Confidence: 100.0%
{Suzuki} -> {Rolex} <=> Confidence: 100.0%
{Suzuki} -> {Apple, Rolex} <=> Confidence: 100.0%
{Apple} -> {Suzuki} <=> Confidence: 100.0%
{Apple} -> {Rolex} <=> Confidence: 100.0%
{Apple} -> {Rolex, Suzuki} <=> Confidence: 100.0%
```

```
{Rolex} -> {Apple} <=> Confidence: 100.0%
{Rolex} -> {Suzuki} <=> Confidence: 100.0%
{Rolex} -> {Apple, Suzuki} <=> Confidence: 100.0%
{Audi} -> {OnePlus} <=> Confidence: 100.0%
{Audi} -> {Titan} <=> Confidence: 100.0%
{Audi} -> {Titan, OnePlus} <=> Confidence: 100.0%
{OnePlus} -> {Audi} <=> Confidence: 100.0%
{OnePlus} -> {Titan} <=> Confidence: 100.0%
{OnePlus} -> {Audi, Titan} <=> Confidence: 100.0%
{Titan} -> {OnePlus} <=> Confidence: 100.0%
{Titan} -> {Audi} <=> Confidence: 100.0%
{Titan} -> {Audi, OnePlus} <=> Confidence: 100.0%
{Tesla} -> {Coach} <=> Confidence: 75.0%
{Tesla} -> {Chanel} <=> Confidence: 75.0%
{Tesla} -> {Subway} <=> Confidence: 75.0%
{Tesla} -> {Subway, Chanel} <=> Confidence: 75.0%
{Coach} -> {Tesla} <=> Confidence: 100.0%
{Chanel} -> {Tesla} <=> Confidence: 100.0%
{Chanel} -> {Subway} <=> Confidence: 100.0%
{Chanel} -> {Tesla, Subway} <=> Confidence: 100.0%
{Subway} -> {Tesla} <=> Confidence: 100.0%
{Subway} -> {Chanel} <=> Confidence: 100.0%
{Subway} -> {Tesla, Chanel} <=> Confidence: 100.0%
{Apple, Rolex} -> {Suzuki} <=> Confidence: 100.0%
{Apple, Suzuki} -> {Rolex} <=> Confidence: 100.0%
{Rolex, Suzuki} -> {Apple} <=> Confidence: 100.0%
{Audi, Titan} -> {OnePlus} <=> Confidence: 100.0%
{Audi, OnePlus} -> {Titan} <=> Confidence: 100.0%
{Titan, OnePlus} -> {Audi} <=> Confidence: 100.0%
{Tesla, Subway} -> {Chanel} <=> Confidence: 100.0%
{Tesla, Chanel} -> {Subway} <=> Confidence: 100.0%
{Subway, Chanel} -> {Tesla} <=> Confidence: 100.0%
Total Time taken for Computation using Apriori Algorithm: 0.07834577560424805
```

Database 4:

```
import pandas as pd
import time
from itertools import combinations
import math
db1 = pd.read_csv('d:/4.csv', header = None)
print("Database 4:")
orint(db1)
print()
db1_l = db1.values.tolist() #Converting CSV to List
db1 list = []
for i in db1_l:
 1 = []
  for j in i:
   if type(j) == str: #Removing Nan values (Not A Number) from Transactions
      j = j.strip()
      1.append(j)
 db1 list.append(1)
print("Transactions After Removing Redundancy:")
for i in db1 list:
 print(i)
print()
total_transactions = len(db1_list) #Total No. of. Transactions
min_support = float(input("Minimum Support (In %): "))
min_confidence = float(input("Minimum Confidence (In %): "))
start_time = time.time() #Stores particular instance of time immediately after
triggering the program
s = total_transactions * (min_support / 100) #Converting min_support from
percentage to float
size = 0
ans = []
flist = []
items = []
association_rules = {}
def freq(list_1): #Function to calculate frequency
 f = \{\}
```

```
if size == 0:
    for i in list_l:
      for j in i:
        if j not in f.keys():
          f[j] = 1
          items.append(j)
        else:
          f[j] = f[j] + 1
  elif size>0:
    for i in list_l:
      if i not in f.keys():
        f[i] = 1
      else:
        f[i] += 1
  flist.append(f)
def checkminsup(list_1): #Function that eliminates all the Itemsets with
support less than min_support
  1=[]
  freq(list_1)
 for i in flist[size].keys():
    if flist[size][i] >= s: #Stores min support items after computation of freq
in fl
      1.append(i)
  ans.append(1)
def unique_items(list_1): #Function to return all the unique items
  1 = []
  if size == 1:
   l = list_1
  else:
    for i in list_1:
      for j in i:
        if j not in 1:
          1.append(j)
  return 1
def calc_sup(count_itemset, count_total): #Function that computes support
 temp_s = 100 * (count_itemset / count_total)
  return temp_s
def calc_conf(count_LHSRHS, count_LHS): #Function that computes confidence
  temp_c = 100 * (count_LHSRHS / count_LHS)
  return temp_c
```

```
def fact(a, b): # Return Factorial for Total No of Combinations
  return math.factorial(a)/math.factorial(b)
def calc confidence(): #Stores all the subsets of frequent itemsets to
calculate confidence
  for item in fans:
    if (len(item)) < 2: #Confidence cannot be computed for Itemsets of size 1
      continue
    for i in range(1, len(item)):
      LHS = [] #Stores LHS part of the Association Rule
      RHS = [] #Stores RHS part of the Association Rule
      idx = [] #Stores the position of index in the LHS part
      for j in range(i):
        idx.append(j)
      for j in idx:
        LHS.append(item[j])
      for j in range(len(item)):
        if j not in idx:
          RHS.append(item[j])
      total_count = 0 #Total No. of. Transactions in the Database
      LHS_count = 0 #Total No. of. Occurences of the item in the LHS part
      for ITEM in range(len(db1_list)):
        if (all(x in db1_list[ITEM] for x in LHS)):
          LHS_count += 1
          if (all(x in db1 list[ITEM] for x in RHS)):
            total count += 1
      temp_c = calc_conf(calc_sup(total_count, total_transactions),
calc_sup(LHS_count, total_transactions))
      if temp c >= min confidence: #Eliminates Association Rules if confidence
< min_confidence</pre>
        key = ""
        val = ""
        for j in LHS:
          key += " " + j
        key = key.strip()
        for j in RHS:
          val += " " + j
        val = val.strip()
```

```
if key in association rules.keys():
          association_rules[key].append([val, round(temp_c, 2)])
        else:
          1 = []
          1.append([val, round(temp_c, 2)])
          association_rules[key] = 1
      last_idx = len(idx) - 1
      total_combinations = fact(len(item), i)
      while total_combinations:
        LHS = [] #Emptying LHS
        RHS = [] #Emptying RHS
        for j in range(i-1, -1, -1):
          if (idx[j] < (len(item)-(last_idx-j)-1)):</pre>
            t_idx = idx[j] + 1
            for k in range(j, i):
              idx[k] = t_idx
              t_idx += 1
            break
          else:
            continue
        for j in idx: #Stores LHS
          LHS.append(item[j])
        for j in range(len(item)): #Stores RHS
          if j not in idx:
            RHS.append(item[j])
        total_count = 0 #Total No. of. Transactions in the Database
        LHS count = 0 #Total No. of. Occurences of the item in the LHS part
        for ITEM in range(len(db1_list)):
          if (all(x in db1_list[ITEM] for x in LHS)):
            LHS_count += 1
            if (all(x in db1_list[ITEM] for x in RHS)):
              total_count += 1
        temp_c = calc_conf(calc_sup(total_count, total_transactions),
calc_sup(LHS_count, total_transactions))
        if temp c < min confidence:
```

```
total combinations -= 1
          continue
        key = "" #Ignores Association Rules if confidence < min_confidence</pre>
        val = ""
        for j in LHS:
          key += " " + j
        key = key.strip()
        for j in RHS:
          val += " " + j
        val = val.strip()
        if key in association_rules.keys():
          if (val not in [item[0] for item in association rules[key]]):
            association_rules[key].append([val, round(temp_c, 2)])
        else:
          temp = []
          temp.append([val, round(temp_c, 2)])
          association_rules[key] = temp
        total_combinations -= 1
if size == 0:
  checkminsup(db1_list) #Helps in identifying Frequent Itemsets of size 1
  size += 1
while len(ans[-1]) > 0: #Helps in identifying Frequent Itemsets of size > 1
  newl1 = unique_items(ans[size-1])
  newl1 = combinations(newl1, size+1)
  newl1 = list(newl1)
 fl = []
  for i in newl1:
    for j in db1_list:
      condition = set(i).issubset(set(j))
      if condition:
        fl.append(frozenset(i))
  checkminsup(fl)
  size += 1
for i in range(len(ans)-1): #Printing all the possible Frequent Itemsets that
satisfies min support condition
 print("\nFrequent Itemset", end = "")
  if len(ans[i]) > 1:
    print("s", end = "")
  print(" of Size", i+1, "Satisfying Minimum Support Condition", end = ":\n")
  if i == 0:
```

```
for j in ans[i]:
      fval = flist[i][j]
      print("{", end = "")
      print(j, end = "")
      print("}:", fval)
  else:
    for j in ans[i]:
      fval = flist[i][j]
      k = list(j)
      print("{", end = "")
      for 1 in k[:-1]:
        print(1, end = ", ")
      print(k[-1], end = "}: ")
      print(fval)
fans = []
for i in range(len(ans)):
 if i == 0:
    for j in ans[i]:
      fans.append([j])
  else:
    for j in ans[i]:
      k = list(j)
      fans.append(k)
if(ans[1] != []): #Calculating confidence of all the possible itemsets
  calc_confidence()
  print("\nConfidence of all the Possible Association Rules:")
  for key in association rules:
    for value in association_rules[key]:
      print("{", end = "")
      for j in key:
        if j == " ":
          print(", ", end = "")
        else:
          print(j, end = "")
      print(") -> {", end = "")
      for j in range(len(value[0])):
        if value[0][j] == " ":
          if j == 0:
            continue
          else:
            print(end = ", ")
        else:
          print(value[0][j], end = "")
```

```
print("} <=> Confidence: " + str(value[1]) + "%")

total_time = time.time() - start_time
print("\nTotal Time taken for Computation using Apriori Algorithm:",
total_time)
```

Output:

```
Database 4:
                        3
                              4
                                     5
0
     IQOO Tesla Coach
                              NaN
                                      NaN
                                               NaN
1
     Apple Rolex Tesla
                                      NaN
                                              NaN
                            Coach
2
   OnePlus
              Audi
                     BMW
                             Hublot Starbucks
                                                  NaN
3
     IOOO Titan GUCCI Starbucks
                                         NaN
                                                  NaN
4
     Poco Coach Chanel
                            Subway
                                        NaN
                                                NaN
5
   Samsung Hublot Adidas
                                KFC
                                        Nike
                                                 McD
6
      ROG Fossil Hermes
                             IHOP
                                      GUCCI Starbucks
  Microsoft Swiss ZARA
                              Dunkin
                                       Chanel
                                                Subway
8
   Bugatti Tissot
                   H&M Popeyes
                                        NaN
                                                NaN
9
     Vivo OnePlus Audi
                            Titan
                                    GUCCI Starbucks
10
     Xiaomi
              IQOO Tesla
                             Coach
                                      Chanel
                                               Subway
            Poco
                   BMW
                                                 KFC
11
      Poco
                             Hublot
                                      Adidas
    Samsung Swiss ZARA
                               Dunkin
12
                                        Adidas
                                                   NaN
13
      ROG Tissot
                   H&M Popeyes
                                         KFC
                                                 NaN
14
     Rolex Casio Dior Dominos
                                      IHOP
                                                NaN
15
     Titan Omega Puma Chipotle
                                      Dunkin
                                                 NaN
16
     Coach Bugatti Tissot
                              H&M
                                     Popeyes
                                                 NaN
17
     Hublot Tissot
                     H&M
                               NaN
                                       NaN
                                                NaN
18
     Fossil
             Puma
                     Kia
                           Omega
                                      NaN
                                               NaN
19
     Swiss
             Tata Pagani
                           Fossil
                                   Hermes
                                               NaN
Transactions After Removing Redundancy:
['IQOO', 'Tesla', 'Coach']
['Apple', 'Rolex', 'Tesla', 'Coach']
['OnePlus', 'Audi', 'BMW', 'Hublot', 'Starbucks']
['IQOO', 'Titan', 'GUCCI', 'Starbucks']
['Poco', 'Coach', 'Chanel', 'Subway']
['Samsung', 'Hublot', 'Adidas', 'KFC', 'Nike', 'McD']
['ROG', 'Fossil', 'Hermes', 'IHOP', 'GUCCI', 'Starbucks']
['Microsoft', 'Swiss', 'ZARA', 'Dunkin', 'Chanel', 'Subway']
['Bugatti', 'Tissot', 'H&M', 'Popeyes']
['Vivo', 'OnePlus', 'Audi', 'Titan', 'GUCCI', 'Starbucks']
['Xiaomi', 'IOOO', 'Tesla', 'Coach', 'Chanel', 'Subway']
['Poco', 'Poco', 'BMW', 'Hublot', 'Adidas', 'KFC']
['Samsung', 'Swiss', 'ZARA', 'Dunkin', 'Adidas']
['ROG', 'Tissot', 'H&M', 'Popeyes', 'KFC']
```

```
['Rolex', 'Casio', 'Dior', 'Dominos', 'IHOP']
['Titan', 'Omega', 'Puma', 'Chipotle', 'Dunkin']
['Coach', 'Bugatti', 'Tissot', 'H&M', 'Popeves']
['Hublot', 'Tissot', 'H&M']
['Fossil', 'Puma', 'Kia', 'Omega']
['Swiss', 'Tata', 'Pagani', 'Fossil', 'Hermes']
Minimum Support (In %): 15
Minimum Confidence (In %): 15
Frequent Itemsets of Size 1 Satisfying Minimum Support Condition:
{IQOO}: 3
{Tesla}: 3
{Coach}: 5
{Hublot}: 4
{Starbucks}: 4
{Titan}: 3
{GUCCI}: 3
{Poco}: 3
{Chanel}: 3
{Subway}: 3
{Adidas}: 3
{KFC}: 3
{Fossil}: 3
{Swiss}: 3
{Dunkin}: 3
{Tissot}: 4
{H&M}: 4
{Popeyes}: 3
Frequent Itemsets of Size 2 Satisfying Minimum Support Condition:
{Tesla, Coach}: 3
{GUCCI, Starbucks}: 3
{Subway, Chanel}: 3
{H&M, Tissot}: 4
{Tissot, Popeyes}: 3
{H&M, Popeyes}: 3
Frequent Itemset of Size 3 Satisfying Minimum Support Condition:
{H&M, Tissot, Popeyes}: 3
Confidence of all the Possible Association Rules:
{Tesla} -> {Coach} <=> Confidence: 100.0%
{Coach} -> {Tesla} <=> Confidence: 60.0%
{GUCCI} -> {Starbucks} <=> Confidence: 100.0%
{Starbucks} -> {GUCCI} <=> Confidence: 75.0%
```

```
{Subway} -> {Chanel} <=> Confidence: 100.0%
{Chanel} -> {Subway} <=> Confidence: 100.0%
{H&M} -> {Tissot} <=> Confidence: 100.0%
{H&M} -> {Popeyes} <=> Confidence: 75.0%
{H&M} -> {Tissot, Popeyes} <=> Confidence: 75.0%
{Tissot} -> {H&M} <=> Confidence: 100.0%
{Tissot} -> {Popeyes} <=> Confidence: 75.0%
{Tissot} -> {H&M, Popeyes} <=> Confidence: 75.0%
{Tissot} -> {H&M, Popeyes} <=> Confidence: 75.0%
{Popeyes} -> {Tissot} <=> Confidence: 100.0%
{Popeyes} -> {H&M} <=> Confidence: 100.0%
{Popeyes} -> {H&M, Tissot} <=> Confidence: 100.0%
{H&M, Tissot} -> {Popeyes} <=> Confidence: 75.0%
{H&M, Popeyes} -> {Tissot} <=> Confidence: 100.0%
{Tissot, Popeyes} -> {Tissot} <=> Confidence: 100.0%
{Tissot, Popeyes} -> {H&M} <=> Confidence: 100.0%

Total Time taken for Computation using Apriori Algorithm: 0.051200151443481445
```

Database 5:

```
import pandas as pd
import time
from itertools import combinations
import math
db1 = pd.read_csv('d:/5.csv', header = None)
print("Database 5:")
orint(db1)
print()
db1_l = db1.values.tolist() #Converting CSV to List
db1 list = []
for i in db1_l:
 1 = []
  for j in i:
   if type(j) == str: #Removing Nan values (Not A Number) from Transactions
      j = j.strip()
      1.append(j)
 db1 list.append(1)
print("Transactions After Removing Redundancy:")
for i in db1 list:
 print(i)
print()
total_transactions = len(db1_list) #Total No. of. Transactions
min_support = float(input("Minimum Support (In %): "))
min_confidence = float(input("Minimum Confidence (In %): "))
start time = time.time() #Stores particular instance of time immediately after
triggering the program
s = total_transactions * (min_support / 100) #Converting min_support from
percentage to float
size = 0
ans = []
flist = []
items = []
association_rules = {}
def freq(list_1): #Function to calculate frequency
 f = \{\}
```

```
if size == 0:
    for i in list_l:
      for j in i:
        if j not in f.keys():
          f[j] = 1
          items.append(j)
        else:
          f[j] = f[j] + 1
  elif size>0:
    for i in list_l:
      if i not in f.keys():
        f[i] = 1
      else:
        f[i] += 1
  flist.append(f)
def checkminsup(list_1): #Function that eliminates all the Itemsets with
support less than min_support
  1=[]
  freq(list_1)
 for i in flist[size].keys():
    if flist[size][i] >= s: #Stores min support items after computation of freq
in fl
      1.append(i)
  ans.append(1)
def unique_items(list_1): #Function to return all the unique items
  1 = []
  if size == 1:
   l = list_1
  else:
    for i in list_1:
      for j in i:
        if j not in 1:
          1.append(j)
  return 1
def calc_sup(count_itemset, count_total): #Function that computes support
  temp_s = 100 * (count_itemset / count_total)
  return temp_s
def calc_conf(count_LHSRHS, count_LHS): #Function that computes confidence
  temp_c = 100 * (count_LHSRHS / count_LHS)
  return temp_c
```

```
def fact(a, b): # Return Factorial for Total No of Combinations
  return math.factorial(a)/math.factorial(b)
def calc confidence(): #Stores all the subsets of frequent itemsets to
calculate confidence
  for item in fans:
    if (len(item)) < 2: #Confidence cannot be computed for Itemsets of size 1
      continue
    for i in range(1, len(item)):
      LHS = [] #Stores LHS part of the Association Rule
      RHS = [] #Stores RHS part of the Association Rule
      idx = [] #Stores the position of index in the LHS part
      for j in range(i):
        idx.append(j)
      for j in idx:
        LHS.append(item[j])
      for j in range(len(item)):
        if j not in idx:
          RHS.append(item[j])
      total_count = 0 #Total No. of. Transactions in the Database
      LHS_count = 0 #Total No. of. Occurences of the item in the LHS part
      for ITEM in range(len(db1_list)):
        if (all(x in db1_list[ITEM] for x in LHS)):
          LHS_count += 1
          if (all(x in db1 list[ITEM] for x in RHS)):
            total count += 1
      temp_c = calc_conf(calc_sup(total_count, total_transactions),
calc sup(LHS count, total transactions))
      if temp c >= min confidence: #Eliminates Association Rules if confidence
< min_confidence</pre>
        key = ""
        val = ""
        for j in LHS:
          key += " " + j
        key = key.strip()
        for j in RHS:
          val += " " + j
        val = val.strip()
```

```
if key in association rules.keys():
          association_rules[key].append([val, round(temp_c, 2)])
        else:
          1 = []
          1.append([val, round(temp_c, 2)])
          association_rules[key] = 1
      last_idx = len(idx) - 1
      total_combinations = fact(len(item), i)
      while total_combinations:
        LHS = [] #Emptying LHS
        RHS = [] #Emptying RHS
        for j in range(i-1, -1, -1):
          if (idx[j] < (len(item)-(last_idx-j)-1)):</pre>
            t_idx = idx[j] + 1
            for k in range(j, i):
              idx[k] = t_idx
              t_idx += 1
            break
          else:
            continue
        for j in idx: #Stores LHS
          LHS.append(item[j])
        for j in range(len(item)): #Stores RHS
          if j not in idx:
            RHS.append(item[j])
        total_count = 0 #Total No. of. Transactions in the Database
        LHS count = 0 #Total No. of. Occurences of the item in the LHS part
        for ITEM in range(len(db1_list)):
          if (all(x in db1_list[ITEM] for x in LHS)):
            LHS_count += 1
            if (all(x in db1_list[ITEM] for x in RHS)):
              total_count += 1
        temp_c = calc_conf(calc_sup(total_count, total_transactions),
calc_sup(LHS_count, total_transactions))
        if temp c < min confidence:
```

```
total combinations -= 1
          continue
        key = "" #Ignores Association Rules if confidence < min_confidence</pre>
        val = ""
        for j in LHS:
          key += " " + j
        key = key.strip()
        for j in RHS:
          val += " " + j
        val = val.strip()
        if key in association_rules.keys():
          if (val not in [item[0] for item in association rules[key]]):
            association_rules[key].append([val, round(temp_c, 2)])
        else:
          temp = []
          temp.append([val, round(temp_c, 2)])
          association_rules[key] = temp
        total_combinations -= 1
if size == 0:
  checkminsup(db1_list) #Helps in identifying Frequent Itemsets of size 1
  size += 1
while len(ans[-1]) > 0: #Helps in identifying Frequent Itemsets of size > 1
  newl1 = unique_items(ans[size-1])
  newl1 = combinations(newl1, size+1)
  newl1 = list(newl1)
 fl = []
  for i in newl1:
    for j in db1_list:
      condition = set(i).issubset(set(j))
      if condition:
        fl.append(frozenset(i))
  checkminsup(fl)
  size += 1
for i in range(len(ans)-1): #Printing all the possible Frequent Itemsets that
satisfies min support condition
 print("\nFrequent Itemset", end = "")
  if len(ans[i]) > 1:
    print("s", end = "")
  print(" of Size", i+1, "Satisfying Minimum Support Condition", end = ":\n")
  if i == 0:
```

```
for j in ans[i]:
      fval = flist[i][j]
      print("{", end = "")
      print(j, end = "")
      print("}:", fval)
  else:
    for j in ans[i]:
      fval = flist[i][j]
      k = list(j)
      print("{", end = "")
      for 1 in k[:-1]:
        print(1, end = ", ")
      print(k[-1], end = "}: ")
      print(fval)
fans = []
for i in range(len(ans)):
 if i == 0:
    for j in ans[i]:
      fans.append([j])
  else:
    for j in ans[i]:
      k = list(j)
      fans.append(k)
if(ans[1] != []): #Calculating confidence of all the possible itemsets
 calc_confidence()
  print("\nConfidence of all the Possible Association Rules:")
  for key in association rules:
    for value in association_rules[key]:
      print("{", end = "")
      for j in key:
        if j == " ":
          print(", ", end = "")
        else:
          print(j, end = "")
      print(") -> {", end = "")
      for j in range(len(value[0])):
        if value[0][j] == " ":
          if j == 0:
            continue
          else:
            print(end = ", ")
        else:
          print(value[0][j], end = "")
```

```
print("} <=> Confidence: " + str(value[1]) + "%")

total_time = time.time() - start_time
print("\nTotal Time taken for Computation using Apriori Algorithm:",
total_time)
```

Output:

```
Database 5:
      0
                   2
                          3
                                4
                                       5
             1
0
   Tissot
           Bugatti
                      Audi
                              Titan
                                      GUCCI Starbucks
1
               MG
    Casio
                    Fossil
                             Hermes Chanel
                                                  NaN
2
                                                  KFC
     Audi
             Tata
                    Swiss
                              ZARA
                                      Adidas
3
    Tesla
           Bugatti Tissot
                               H&M Hermes
                                                  IHOP
4
     BMW
              Coach Chanel
                                 Tesla
                                         Coach
                                                  Chanel
5
      MG
            Hublot Adidas
                                BMW
                                        Hublot
                                                  Adidas
6
     Tata
            Fossil Hermes
                                MG Fossil
                                              Hermes
7
     Poco
             Swiss
                      ZARA
                              OnePlus
                                          Audi
                                                   NaN
8
   Samsung
              Hublot Adidas
                                  IQOO
                                          Tesla
                                                    NaN
9
     ROG
             Fossil
                    Hermes
                                Poco
                                         BMW
                                                   NaN
10 Bugatti
              Swiss
                       ZARA
                               Samsung
                                            MG
                                                     NaN
11
     Oppo
             Tissot
                       H&M
                                 ROG
                                         Tata
                                                  NaN
12
      Kia
             Casio
                     Dior Microsoft Bugatti
                                                 NaN
13
    Xiaomi Bugatti Tissot
                                Oppo Maserati
                                                  Coach
14
    Tesla Samsung Bugatti
                                 Swiss
                                         ZARA
                                                   Dunkin
15
                ROG Maserati
      BMW
                                 Tissot
                                           H&M Popeyes
16
      MG Microsoft
                        Kia
                               Casio
                                        Dior Dominos
17
             Oppo Pagani
                                         Puma Chipotle
     Tata
                               Omega
18 Bugatti
              Omega
                        H&M
                                 Seiko
                                          FILA
                                                  Wendys
19 Maserati
              Casio
                       Dior
                                Vivo
                                        Kia
                                                NaN
Transactions After Removing Redundancy:
['Tissot', 'Bugatti', 'Audi', 'Titan', 'GUCCI', 'Starbucks']
['Casio', 'MG', 'Fossil', 'Hermes', 'Chanel']
['Audi', 'Tata', 'Swiss', 'ZARA', 'Adidas', 'KFC']
['Tesla', 'Bugatti', 'Tissot', 'H&M', 'Hermes', 'IHOP']
['BMW', 'Coach', 'Chanel', 'Tesla', 'Coach', 'Chanel']
['MG', 'Hublot', 'Adidas', 'BMW', 'Hublot', 'Adidas']
['Tata', 'Fossil', 'Hermes', 'MG', 'Fossil', 'Hermes']
['Poco', 'Swiss', 'ZARA', 'OnePlus', 'Audi']
['Samsung', 'Hublot', 'Adidas', 'IQOO', 'Tesla']
['ROG', 'Fossil', 'Hermes', 'Poco', 'BMW']
['Bugatti', 'Swiss', 'ZARA', 'Samsung', 'MG']
['Oppo', 'Tissot', 'H&M', 'ROG', 'Tata']
['Kia', 'Casio', 'Dior', 'Microsoft', 'Bugatti']
['Xiaomi', 'Bugatti', 'Tissot', 'Oppo', 'Maserati', 'Coach']
```

```
['Tesla', 'Samsung', 'Bugatti', 'Swiss', 'ZARA', 'Dunkin']
['BMW', 'ROG', 'Maserati', 'Tissot', 'H&M', 'Popeyes']
['MG', 'Microsoft', 'Kia', 'Casio', 'Dior', 'Dominos']
['Tata', 'Oppo', 'Pagani', 'Omega', 'Puma', 'Chipotle']
['Bugatti', 'Omega', 'H&M', 'Seiko', 'FILA', 'Wendys']
['Maserati', 'Casio', 'Dior', 'Vivo', 'Kia']
Minimum Support (In %): 15
Minimum Confidence (In %): 15
Frequent Itemsets of Size 1 Satisfying Minimum Support Condition:
{Tissot}: 5
{Bugatti}: 7
{Audi}: 3
{Casio}: 4
{MG}: 5
{Fossil}: 4
{Hermes}: 5
{Chanel}: 3
{Tata}: 4
{Swiss}: 4
{ZARA}: 4
{Adidas}: 4
{Tesla}: 4
{H&M}: 4
{BMW}: 4
{Coach}: 3
{Hublot}: 3
{Samsung}: 3
{ROG}: 3
{Oppo}: 3
{Kia}: 3
{Dior}: 3
{Maserati}: 3
Frequent Itemsets of Size 2 Satisfying Minimum Support Condition:
{Bugatti, Tissot}: 3
{H&M, Tissot}: 3
{Casio, Kia}: 3
{Casio, Dior}: 3
{Fossil, Hermes}: 3
{ZARA, Swiss}: 4
{Kia, Dior}: 3
Frequent Itemset of Size 3 Satisfying Minimum Support Condition:
{Casio, Kia, Dior}: 3
```

```
Confidence of all the Possible Association Rules:
{Bugatti} -> {Tissot} <=> Confidence: 42.86%
{Tissot} -> {Bugatti} <=> Confidence: 60.0%
\{Tissot\} -> \{H\&M\} <=> Confidence: 60.0\%
{H&M} -> {Tissot} <=> Confidence: 75.0%
{Casio} -> {Kia} <=> Confidence: 75.0%
{Casio} -> {Dior} <=> Confidence: 75.0%
{Casio} -> {Kia, Dior} <=> Confidence: 75.0%
{Kia} -> {Casio} <=> Confidence: 100.0%
{Kia} -> {Dior} <=> Confidence: 100.0%
{Kia} -> {Casio, Dior} <=> Confidence: 100.0%
{Dior} -> {Casio} <=> Confidence: 100.0%
{Dior} -> {Kia} <=> Confidence: 100.0%
{Dior} -> {Casio, Kia} <=> Confidence: 100.0%
{Fossil} -> {Hermes} <=> Confidence: 100.0%
{Hermes} -> {Fossil} <=> Confidence: 75.0%
{ZARA} -> {Swiss} <=> Confidence: 100.0%
{Swiss} -> {ZARA} <=> Confidence: 100.0%
{Casio, Kia} -> {Dior} <=> Confidence: 100.0%
{Casio, Dior} -> {Kia} <=> Confidence: 100.0%
{Kia, Dior} -> {Casio} <=> Confidence: 100.0%
Total Time taken for Computation using Apriori Algorithm: 0.05624842643737793
```

Brute Force Source Code:

Database 1:

```
import pandas as pd
import time
from itertools import combinations
import math
db1 = pd.read_csv('d:/1.csv', header = None)
print("Database 1:")
print(db1)
print()
db1 l = db1.values.tolist() #Converting CSV to List
db1_list = []
for i in db1_l:
 1 = []
  for j in i:
    if type(j) == str: #Removing Nan values (Not A Number) from Transactions
      j = j.strip()
      1.append(j)
  db1_list.append(1)
print("Transactions After Removing Redundancy:")
for i in db1_list:
 print(i)
print()
total transactions = len(db1 list) #Total No. of. Transactions
min support = float(input("Minimum Support (In %): "))
min_confidence = float(input("Minimum Confidence (In %): "))
start time = time.time() #Stores particular instance of time immediately after
triggering the program
s = total_transactions * (min_support / 100) #Converting min_support from
percentage to float
size = 0
ans = []
flist = []
items = []
association_rules = {}
def freq(list 1): #Function to calculate frequency
```

```
f = \{\}
  if size == 0:
    for i in list_l:
      for j in i:
        if j not in f.keys():
          f[j] = 1
          items.append(j)
        else:
          f[j] = f[j] + 1
  elif size>0:
    for i in list_1:
      if i not in f.keys():
        f[i] = 1
      else:
        f[i] += 1
  flist.append(f)
def checkminsup(list_1):
  1=[]
  freq(list_1)
  for i in flist[size].keys():
    1.append(i)
  ans.append(1)
def unique_items(list_1): #Function to return all the unique items
 1 = []
 if size == 1:
   l = list_1
  else:
    for i in list_1:
      for j in i:
        if j not in 1:
          1.append(j)
  return 1
def calc sup(count itemset, count total): #Function that computes support
  temp_s = 100 * (count_itemset / count_total)
 return temp_s
def calc_conf(count_LHSRHS, count_LHS): #Function that computes confidence
  temp c = 100 * (count LHSRHS / count LHS)
  return temp_c
def fact(a, b): # Return Factorial for Total No of Combinations
 return math.factorial(a)/math.factorial(b)
```

```
def calc_confidence(): #Stores all the subsets of frequent itemsets to
calculate confidence
 for item in fans:
    if (len(item)) < 2: #Confidence cannot be computed for Itemsets of size 1
      continue
    for i in range(1, len(item)):
      LHS = [] #Stores LHS part of the Association Rule
      RHS = [] #Stores RHS part of the Association Rule
      idx = [] #Stores the position of index in the LHS part
      for j in range(i):
        idx.append(j)
      for j in idx:
        LHS.append(item[j])
      for j in range(len(item)):
        if j not in idx:
          RHS.append(item[j])
      total count = 0 #Total No. of. Transactions in the Database
      LHS_count = 0 #Total No. of. Occurences of the item in the LHS part
      for ITEM in range(len(db1_list)):
        if (all(x in db1_list[ITEM] for x in LHS)):
          LHS count += 1
          if (all(x in db1_list[ITEM] for x in RHS)):
            total_count += 1
      temp_c = calc_conf(calc_sup(total_count, total_transactions),
calc_sup(LHS_count, total_transactions))
      if temp_c >= min_confidence: #Eliminates Association Rules if confidence
< min confidence</pre>
        kev = ""
        val = ""
        for j in LHS:
          key += " " + j
        key = key.strip()
        for j in RHS:
          val += " " + j
        val = val.strip()
        if key in association rules.keys():
```

```
association_rules[key].append([val, round(temp_c, 2)])
        else:
          1 = []
          1.append([val, round(temp_c, 2)])
          association_rules[key] = 1
      last_idx = len(idx) - 1
      total_combinations = fact(len(item), i)
      while total_combinations:
        LHS = [] #Emptying LHS
        RHS = [] #Emptying RHS
        for j in range(i-1, -1, -1):
          if (idx[j] < (len(item)-(last_idx-j)-1)):</pre>
            t_idx = idx[j] + 1
            for k in range(j, i):
              idx[k] = t_idx
              t_idx += 1
            break
          else:
            continue
        for j in idx: #Stores LHS
          LHS.append(item[j])
        for j in range(len(item)): #Stores RHS
          if j not in idx:
            RHS.append(item[j])
        total_count = 0 #Total No. of. Transactions in the Database
        LHS count = 0 #Total No. of. Occurences of the item in the LHS part
        for ITEM in range(len(db1_list)):
          if (all(x in db1 list[ITEM] for x in LHS)):
            LHS_count += 1
            if (all(x in db1_list[ITEM] for x in RHS)):
              total_count += 1
        temp_c = calc_conf(calc_sup(total_count, total_transactions),
calc_sup(LHS_count, total_transactions))
        if temp_c < min_confidence:</pre>
          total_combinations -= 1
         continue
```

```
key = "" #Ignores Association Rules if confidence < min confidence
        val = ""
        for j in LHS:
          key += " " + j
        key = key.strip()
        for j in RHS:
          val += " " + j
        val = val.strip()
        if key in association_rules.keys():
          if (val not in [item[0] for item in association rules[key]]):
            association_rules[key].append([val, round(temp_c, 2)])
        else:
          temp = []
          temp.append([val, round(temp_c, 2)])
          association_rules[key] = temp
        total combinations -= 1
if size == 0:
  checkminsup(db1_list) #Helps in identifying Frequent Itemsets of size 1
  size += 1
while len(ans[-1]) > 0: #Helps in identifying Frequent Itemsets of size > 1
  newl1 = unique_items(ans[size-1])
  newl1 = combinations(newl1, size+1)
  newl1 = list(newl1)
  f1 = []
  for i in newl1:
   for j in db1 list:
      condition = set(i).issubset(set(j))
      if condition:
        fl.append(frozenset(i))
  checkminsup(f1)
  size += 1
for i in range(len(ans)-1): #Printing all the possible Frequent Itemsets
 print("\nFrequent Itemset", end = "")
  if len(ans[i]) > 1:
    print("s", end = "")
  print(" of Size", i+1, "Satisfying Minimum Support Condition", end = ":\n")
  if i == 0:
    for j in ans[i]:
      fval = flist[i][j]
     print("{", end = "")
```

```
print(j, end = "")
      print("}:", fval)
  else:
    for j in ans[i]:
      fval = flist[i][j]
      k = list(j)
      print("{", end = "")
      for 1 in k[:-1]:
        print(1, end = ", ")
      print(k[-1], end = "}: ")
      print(fval)
fans = []
for i in range(len(ans)):
  if i == 0:
    for j in ans[i]:
      fans.append([j])
  else:
    for j in ans[i]:
      k = list(j)
      fans.append(k)
if(ans[1] != []): #Calculating confidence of all the possible itemsets
  calc_confidence()
  print("\nConfidence of all the Possible Association Rules:")
  for key in association_rules:
    for value in association_rules[key]:
      print("{", end = "")
      for j in key:
        if j == " ":
          print(", ", end = "")
        else:
          print(j, end = "")
      print("} -> {", end = "")
      for j in range(len(value[0])):
        if value[0][j] == " ":
          if j==0:
            continue
          else:
            print(end = ", ")
        else:
          print(value[0][j], end = "")
      print("} <=> Confidence: " + str(value[1]) + "%")
total_time=time.time()-start_time
```

Output:

```
Database 1:
      0
           1
                 2
                        3
                             4
0
     IOOO Tesla
                   Coach
                            Chanel Subway
1
     Poco BMW
                    Hublot
                              McD
                                      KFC
              MG Fossil Starbucks IHOP
   Samsung
3
    Tesla Coach Subway
                              NaN
                                     NaN
4
     BMW Hublot
                     Rolex
                               KFC
                                      NaN
5
      MG Fossil
                   Titan
                           IHOP
                                   NaN
6
     Tata Swiss
                  Coach
                           Dunkin
                                    NaN
7
  Bugatti Tissot Hublot Popeyes
                                     NaN
8 Maserati Casio Dominos
                               NaN
                                      NaN
9
    Omega Swiss Chipotle
                               NaN
                                      NaN
10
    Suzuki GUCCI Wendys
                                 NaN
                                        NaN
11
     Audi Chanel
                   Casio
                             NaN
                                     NaN
12
    Tesla Omega
                              NaN
                                     NaN
                     NaN
     Nike Hermes
13
                    Seiko
                              NaN
                                     NaN
14
    GUCCI Titan GUCCI Starbucks
                                        NaN
15
    Chanel Coach
                    Chanel
                             Subway
                                       NaN
                              NaN
16
    Adidas Hublot
                      KFC
                                     NaN
17
                               IHOP
    Hermes Tesla Hermes
                                       NaN
18
              BMW
     ZARA
                       ZARA
                                Dunkin
                                         NaN
19
      H&M
              H&M Popeves
                                 NaN
                                        NaN
Transactions After Removing Redundancy:
['IQOO', 'Tesla', 'Coach', 'Chanel', 'Subway']
['Poco', 'BMW', 'Hublot', 'McD', 'KFC']
['Samsung', 'MG', 'Fossil', 'Starbucks', 'IHOP']
['Tesla', 'Coach', 'Subway']
['BMW', 'Hublot', 'Rolex', 'KFC']
['MG', 'Fossil', 'Titan', 'IHOP']
['Tata', 'Swiss', 'Coach', 'Dunkin']
['Bugatti', 'Tissot', 'Hublot', 'Popeyes']
['Maserati', 'Casio', 'Dominos']
['Omega', 'Swiss', 'Chipotle']
['Suzuki', 'GUCCI', 'Wendys']
['Audi', 'Chanel', 'Casio']
['Tesla', 'Omega']
['Nike', 'Hermes', 'Seiko']
['GUCCI', 'Titan', 'GUCCI', 'Starbucks']
['Chanel', 'Coach', 'Chanel', 'Subway']
['Adidas', 'Hublot', 'KFC']
['Hermes', 'Tesla', 'Hermes', 'IHOP']
```

```
['ZARA', 'BMW', 'ZARA', 'Dunkin']
['H&M', 'H&M', 'Popeyes']
Minimum Support (In %): 15
Minimum Confidence (In %): 15
Frequent Itemsets of Size 1 Satisfying Minimum Support Condition:
{IQOO}: 1
{Tesla}: 4
{Coach}: 4
{Chanel}: 4
{Subway}: 3
{Poco}: 1
{BMW}: 3
{Hublot}: 4
{McD}: 1
{KFC}: 3
{Samsung}: 1
{MG}: 2
{Fossil}: 2
{Starbucks}: 2
{IHOP}: 3
{Rolex}: 1
{Titan}: 2
{Tata}: 1
{Swiss}: 2
{Dunkin}: 2
{Bugatti}: 1
{Tissot}: 1
{Popeyes}: 2
{Maserati}: 1
{Casio}: 2
{Dominos}: 1
{Omega}: 2
{Chipotle}: 1
{Suzuki}: 1
{GUCCI}: 3
{Wendys}: 1
{Audi}: 1
{Nike}: 1
{Hermes}: 3
{Seiko}: 1
{Adidas}: 1
{ZARA}: 2
{H&M}: 2
```

```
Frequent Itemsets of Size 2 Satisfying Minimum Support Condition:
{Tesla, IQOO}: 1
{Coach, IOOO}: 1
{Chanel, IQOO}: 1
{IQOO, Subway}: 1
{Coach, Tesla}: 2
{Chanel, Tesla}: 1
{Tesla, Subway}: 2
{IHOP, Tesla}: 1
{Omega, Tesla}: 1
{Hermes, Tesla}: 1
{Chanel, Coach}: 2
{Coach, Subway}: 3
{Tata, Coach}: 1
{Coach, Swiss}: 1
{Coach, Dunkin}: 1
{Chanel, Subway}: 2
{Casio, Chanel}: 1
{Chanel, Audi}: 1
{BMW, Poco}: 1
{Hublot, Poco}: 1
{McD, Poco}: 1
{KFC, Poco}: 1
{BMW, Hublot}: 2
{McD, BMW}: 1
{BMW, KFC}: 2
{Rolex, BMW}: 1
{BMW, Dunkin}: 1
{BMW, ZARA}: 1
{McD, Hublot}: 1
{KFC, Hublot}: 3
{Rolex, Hublot}: 1
{Hublot, Bugatti}: 1
{Tissot, Hublot}: 1
{Popeyes, Hublot}: 1
{Adidas, Hublot}: 1
{McD, KFC}: 1
{Rolex, KFC}: 1
{Adidas, KFC}: 1
{MG, Samsung}: 1
{Fossil, Samsung}: 1
{Starbucks, Samsung}: 1
{IHOP, Samsung}: 1
{Fossil, MG}: 2
{Starbucks, MG}: 1
{IHOP, MG}: 2
```

```
{Titan, MG}: 1
{Fossil, Starbucks}: 1
{Fossil, IHOP}: 2
{Fossil, Titan}: 1
{IHOP, Starbucks}: 1
{Titan, Starbucks}: 1
{GUCCI, Starbucks}: 1
{IHOP, Titan}: 1
{IHOP, Hermes}: 1
{Titan, GUCCI}: 1
{Tata, Swiss}: 1
{Tata, Dunkin}: 1
{Dunkin, Swiss}: 1
{Swiss, Omega}: 1
{Chipotle, Swiss}: 1
{Dunkin, ZARA}: 1
{Tissot, Bugatti}: 1
{Popeyes, Bugatti}: 1
{Popeyes, Tissot}: 1
{Popeyes, H&M}: 1
{Casio, Maserati}: 1
{Maserati, Dominos}: 1
{Casio, Dominos}: 1
{Casio, Audi}: 1
{Chipotle, Omega}: 1
{GUCCI, Suzuki}: 1
{Suzuki, Wendys}: 1
{GUCCI, Wendys}: 1
{Hermes, Nike}: 1
{Seiko, Nike}: 1
{Seiko, Hermes}: 1
Frequent Itemsets of Size 3 Satisfying Minimum Support Condition:
{IQOO, Coach, Tesla}: 1
{Chanel, IQOO, Tesla}: 1
{IQOO, Tesla, Subway}: 1
{Chanel, Coach, Tesla}: 1
{Coach, Tesla, Subway}: 2
{Chanel, Tesla, Subway}: 1
{IHOP, Hermes, Tesla}: 1
{Chanel, Coach, IQOO}: 1
{Coach, IQOO, Subway}: 1
{Chanel, IQOO, Subway}: 1
{Chanel, Coach, Subway}: 2
{Tata, Coach, Swiss}: 1
{Tata, Coach, Dunkin}: 1
```

```
{Dunkin, Coach, Swiss}: 1
{Casio, Chanel, Audi}: 1
{IHOP, MG, Samsung}: 1
{IHOP, Fossil, MG}: 2
{IHOP, Starbucks, MG}: 1
{IHOP, MG, Titan}: 1
{IHOP, Fossil, Samsung}: 1
{IHOP, Starbucks, Samsung}: 1
{IHOP, Fossil, Starbucks}: 1
{IHOP, Fossil, Titan}: 1
{Chipotle, Swiss, Omega}: 1
{Seiko, Hermes, Nike}: 1
{Dunkin, Tata, Swiss}: 1
{BMW, Dunkin, ZARA}: 1
{Casio, Maserati, Dominos}: 1
{BMW, Hublot, Poco}: 1
{McD, BMW, Poco}: 1
{BMW, KFC, Poco}: 1
{McD, BMW, Hublot}: 1
{BMW, KFC, Hublot}: 2
{Rolex, BMW, Hublot}: 1
{McD, BMW, KFC}: 1
{Rolex, BMW, KFC}: 1
{McD, Hublot, Poco}: 1
{KFC, Hublot, Poco}: 1
{McD, KFC, Poco}: 1
{McD, KFC, Hublot}: 1
{Rolex, KFC, Hublot}: 1
{Adidas, KFC, Hublot}: 1
{Tissot, Hublot, Bugatti}: 1
{Popeyes, Hublot, Bugatti}: 1
{Popeyes, Tissot, Hublot}: 1
{Popeyes, Tissot, Bugatti}: 1
{Fossil, MG, Samsung}: 1
{Starbucks, MG, Samsung}: 1
{Fossil, Starbucks, MG}: 1
{Fossil, MG, Titan}: 1
{Fossil, Starbucks, Samsung}: 1
{Titan, Starbucks, GUCCI}: 1
{GUCCI, Suzuki, Wendys}: 1
Frequent Itemsets of Size 4 Satisfying Minimum Support Condition:
{Chanel, Tesla, Coach, IQOO}: 1
{Tesla, Coach, IQOO, Subway}: 1
{Chanel, Coach, IQOO, Subway}: 1
{Chanel, Tesla, IQOO, Subway}: 1
```

```
{Chanel, Coach, Tesla, Subway}: 1
{Tata, Dunkin, Coach, Swiss}: 1
{IHOP, Fossil, MG, Samsung}: 1
{IHOP, Starbucks, MG, Samsung}: 1
{IHOP, Fossil, MG, Starbucks}: 1
{IHOP, Fossil, MG, Titan}: 1
{IHOP, Starbucks, Fossil, Samsung}: 1
{Fossil, Starbucks, MG, Samsung}: 1
{McD, BMW, Hublot, Poco}: 1
{BMW, KFC, Hublot, Poco}: 1
{McD, BMW, KFC, Hublot}: 1
{Rolex, BMW, KFC, Hublot}: 1
{McD, BMW, KFC, Poco}: 1
{McD, KFC, Hublot, Poco}: 1
{Popeyes, Tissot, Hublot, Bugatti}: 1
Frequent Itemsets of Size 5 Satisfying Minimum Support Condition:
{IOOO, Coach, Tesla, Chanel, Subway}: 1
{IHOP, Starbucks, Fossil, MG, Samsung}: 1
{Poco, KFC, Hublot, McD, BMW}: 1
Confidence of all the Possible Association Rules:
{Tesla} -> {IQOO} <=> Confidence: 25.0%
{Tesla} -> {Coach} <=> Confidence: 50.0%
{Tesla} -> {Chanel} <=> Confidence: 25.0%
\{Tesla\} \rightarrow \{Subway\} \iff Confidence: 50.0\%
{Tesla} -> {IHOP} <=> Confidence: 25.0%
{Tesla} -> {Omega} <=> Confidence: 25.0%
{Tesla} -> {Hermes} <=> Confidence: 25.0%
{Tesla} -> {IQOO, Coach} <=> Confidence: 25.0%
{Tesla} -> {Chanel, IQOO} <=> Confidence: 25.0%
{Tesla} -> {IQOO, Subway} <=> Confidence: 25.0%
{Tesla} -> {Chanel, Coach} <=> Confidence: 25.0%
{Tesla} -> {Coach, Subway} <=> Confidence: 50.0%
{Tesla} -> {Chanel, Subway} <=> Confidence: 25.0%
{Tesla} -> {IHOP, Hermes} <=> Confidence: 25.0%
{Tesla} -> {Chanel, Coach, IQOO} <=> Confidence: 25.0%
{Tesla} -> {Coach, IQOO, Subway} <=> Confidence: 25.0%
{Tesla} -> {Chanel, IQOO, Subway} <=> Confidence: 25.0%
{Tesla} -> {Chanel, Coach, Subway} <=> Confidence: 25.0%
{Tesla} -> {IQOO, Coach, Chanel, Subway} <=> Confidence: 25.0%
{IQOO} -> {Tesla} <=> Confidence: 100.0%
{IQOO} -> {Coach} <=> Confidence: 100.0%
{IQOO} -> {Chanel} <=> Confidence: 100.0%
{IQOO} -> {Subway} <=> Confidence: 100.0%
{IQOO} -> {Coach, Tesla} <=> Confidence: 100.0%
```

```
{IQOO} -> {Chanel, Tesla} <=> Confidence: 100.0%
{IQOO} -> {Tesla, Subway} <=> Confidence: 100.0%
{IOOO} -> {Chanel, Coach} <=> Confidence: 100.0%
{IQOO} -> {Coach, Subway} <=> Confidence: 100.0%
{IQOO} -> {Chanel, Subway} <=> Confidence: 100.0%
{IQOO} -> {Chanel, Tesla, Coach} <=> Confidence: 100.0%
{IQOO} -> {Tesla, Coach, Subway} <=> Confidence: 100.0%
{IQOO} -> {Chanel, Coach, Subway} <=> Confidence: 100.0%
{IQOO} -> {Chanel, Tesla, Subway} <=> Confidence: 100.0%
{IQOO} -> {Coach, Tesla, Chanel, Subway} <=> Confidence: 100.0%
{Coach} -> {IQOO} <=> Confidence: 25.0%
{Coach} -> {Tesla} <=> Confidence: 50.0%
{Coach} -> {Chanel} <=> Confidence: 50.0%
\{Coach\} \rightarrow \{Subway\} \iff Confidence: 75.0\%
{Coach} -> {Tata} <=> Confidence: 25.0%
{Coach} -> {Swiss} <=> Confidence: 25.0%
{Coach} -> {Dunkin} <=> Confidence: 25.0%
{Coach} -> {IOOO, Tesla} <=> Confidence: 25.0%
{Coach} -> {Chanel, Tesla} <=> Confidence: 25.0%
{Coach} -> {Tesla, Subway} <=> Confidence: 50.0%
{Coach} -> {Chanel, IOOO} <=> Confidence: 25.0%
{Coach} -> {IQOO, Subway} <=> Confidence: 25.0%
{Coach} -> {Chanel, Subway} <=> Confidence: 50.0%
{Coach} -> {Tata, Swiss} <=> Confidence: 25.0%
{Coach} -> {Tata, Dunkin} <=> Confidence: 25.0%
{Coach} -> {Dunkin, Swiss} <=> Confidence: 25.0%
{Coach} -> {Chanel, Tesla, IQOO} <=> Confidence: 25.0%
{Coach} -> {Tesla, IQOO, Subway} <=> Confidence: 25.0%
{Coach} -> {Chanel, IQOO, Subway} <=> Confidence: 25.0%
{Coach} -> {Chanel, Tesla, Subway} <=> Confidence: 25.0%
{Coach} -> {Tata, Dunkin, Swiss} <=> Confidence: 25.0%
{Coach} -> {IQOO, Tesla, Chanel, Subway} <=> Confidence: 25.0%
{Chanel} -> {IQOO} <=> Confidence: 33.33%
{Chanel} -> {Tesla} <=> Confidence: 33.33%
{Chanel} -> {Coach} <=> Confidence: 66.67%
{Chanel} -> {Subway} <=> Confidence: 66.67%
{Chanel} -> {Casio} <=> Confidence: 33.33%
{Chanel} -> {Audi} <=> Confidence: 33.33%
{Chanel} -> {IQOO, Tesla} <=> Confidence: 33.33%
{Chanel} -> {Coach, Tesla} <=> Confidence: 33.33%
{Chanel} -> {Tesla, Subway} <=> Confidence: 33.33%
{Chanel} -> {Coach, IQOO} <=> Confidence: 33.33%
{Chanel} -> {IQOO, Subway} <=> Confidence: 33.33%
{Chanel} -> {Coach, Subway} <=> Confidence: 66.67%
{Chanel} -> {Casio, Audi} <=> Confidence: 33.33%
{Chanel} -> {Tesla, Coach, IOOO} <=> Confidence: 33.33%
```

```
{Chanel} -> {Coach, IQOO, Subway} <=> Confidence: 33.33%
{Chanel} -> {Tesla, IQOO, Subway} <=> Confidence: 33.33%
{Chanel} -> {Coach, Tesla, Subway} <=> Confidence: 33.33%
{Chanel} -> {IQOO, Coach, Tesla, Subway} <=> Confidence: 33.33%
{Subway} -> {IQOO} <=> Confidence: 33.33%
{Subway} -> {Tesla} <=> Confidence: 66.67%
{Subway} -> {Coach} <=> Confidence: 100.0%
{Subway} -> {Chanel} <=> Confidence: 66.67%
{Subway} -> {IQOO, Tesla} <=> Confidence: 33.33%
{Subway} -> {Coach, Tesla} <=> Confidence: 66.67%
{Subway} -> {Chanel, Tesla} <=> Confidence: 33.33%
{Subway} -> {Coach, IQOO} <=> Confidence: 33.33%
{Subway} -> {Chanel, IQOO} <=> Confidence: 33.33%
{Subway} -> {Chanel, Coach} <=> Confidence: 66.67%
{Subway} -> {Tesla, Coach, IQOO} <=> Confidence: 33.33%
{Subway} -> {Chanel, Coach, IOOO} <=> Confidence: 33.33%
{Subway} -> {Chanel, Tesla, IQOO} <=> Confidence: 33.33%
{Subway} -> {Chanel, Coach, Tesla} <=> Confidence: 33.33%
{Subway} -> {IQOO, Coach, Tesla, Chanel} <=> Confidence: 33.33%
{IHOP} -> {Tesla} <=> Confidence: 33.33%
{IHOP} -> {Samsung} <=> Confidence: 33.33%
{IHOP} -> {MG} <=> Confidence: 66.67%
{IHOP} -> {Fossil} <=> Confidence: 66.67%
{IHOP} -> {Starbucks} <=> Confidence: 33.33%
{IHOP} -> {Titan} <=> Confidence: 33.33%
{IHOP} -> {Hermes} <=> Confidence: 33.33%
{IHOP} -> {Hermes, Tesla} <=> Confidence: 33.33%
{IHOP} -> {MG, Samsung} <=> Confidence: 33.33%
{IHOP} -> {Fossil, MG} <=> Confidence: 66.67%
{IHOP} -> {Starbucks, MG} <=> Confidence: 33.33%
{IHOP} -> {MG, Titan} <=> Confidence: 33.33%
{IHOP} -> {Fossil, Samsung} <=> Confidence: 33.33%
{IHOP} -> {Starbucks, Samsung} <=> Confidence: 33.33%
{IHOP} -> {Fossil, Starbucks} <=> Confidence: 33.33%
{IHOP} -> {Fossil, Titan} <=> Confidence: 33.33%
{IHOP} -> {Fossil, MG, Samsung} <=> Confidence: 33.33%
{IHOP} -> {Starbucks, MG, Samsung} <=> Confidence: 33.33%
{IHOP} -> {Fossil, MG, Starbucks} <=> Confidence: 33.33%
{IHOP} -> {Fossil, MG, Titan} <=> Confidence: 33.33%
{IHOP} -> {Starbucks, Fossil, Samsung} <=> Confidence: 33.33%
{IHOP} -> {Starbucks, Fossil, MG, Samsung} <=> Confidence: 33.33%
{Omega} -> {Tesla} <=> Confidence: 50.0%
{Omega} -> {Swiss} <=> Confidence: 50.0%
{Omega} -> {Chipotle} <=> Confidence: 50.0%
{Omega} -> {Chipotle, Swiss} <=> Confidence: 50.0%
{Hermes} -> {Tesla} <=> Confidence: 50.0%
```

```
{Hermes} -> {IHOP} <=> Confidence: 50.0%
{Hermes} -> {Nike} <=> Confidence: 50.0%
{Hermes} -> {Seiko} <=> Confidence: 50.0%
{Hermes} -> {IHOP, Tesla} <=> Confidence: 50.0%
{Hermes} -> {Seiko, Nike} <=> Confidence: 50.0%
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{Tata} -> {Swiss} <=> Confidence: 100.0%
{Tata} -> {Dunkin} <=> Confidence: 100.0%
{Tata} -> {Coach, Swiss} <=> Confidence: 100.0%
{Tata} -> {Coach, Dunkin} <=> Confidence: 100.0%
{Tata} -> {Dunkin, Swiss} <=> Confidence: 100.0%
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{Swiss} -> {Tata} <=> Confidence: 50.0%
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{Audi} -> {Casio, Chanel} <=> Confidence: 100.0%
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{BMW} -> {McD} <=> Confidence: 33.33%
{BMW} -> {KFC} <=> Confidence: 66.67%
{BMW} -> {Rolex} <=> Confidence: 33.33%
```

```
{BMW} -> {Dunkin} <=> Confidence: 33.33%
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{Hublot} -> {Tissot} <=> Confidence: 25.0%
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{Hublot} -> {Adidas} <=> Confidence: 25.0%
{Hublot} -> {BMW, Poco} <=> Confidence: 25.0%
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{Hublot} -> {Rolex, BMW} <=> Confidence: 25.0%
{Hublot} -> {McD, Poco} <=> Confidence: 25.0%
```

```
{Hublot} -> {KFC, Poco} <=> Confidence: 25.0%
{Hublot} -> {McD, KFC} <=> Confidence: 25.0%
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{Hublot} -> {Adidas, KFC} <=> Confidence: 25.0%
{Hublot} -> {Tissot, Bugatti} <=> Confidence: 25.0%
{Hublot} -> {Popeyes, Bugatti} <=> Confidence: 25.0%
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{Hublot} -> {Popeyes, Tissot, Bugatti} <=> Confidence: 25.0%
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{McD} -> {BMW, Poco} <=> Confidence: 100.0%
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{KFC} -> {Rolex} <=> Confidence: 33.33%
{KFC} -> {Adidas} <=> Confidence: 33.33%
{KFC} -> {BMW, Poco} <=> Confidence: 33.33%
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{KFC} -> {Adidas, Hublot} <=> Confidence: 33.33%
{KFC} -> {BMW, Hublot, Poco} <=> Confidence: 33.33%
{KFC} -> {McD, BMW, Hublot} <=> Confidence: 33.33%
```

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{KFC} -> {Rolex, BMW, Hublot} <=> Confidence: 33.33%
{KFC} -> {McD, BMW, Poco} <=> Confidence: 33.33%
{KFC} -> {McD, Hublot, Poco} <=> Confidence: 33.33%
{KFC} -> {Poco, Hublot, McD, BMW} <=> Confidence: 33.33%
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{Rolex} -> {Hublot} <=> Confidence: 100.0%
{Rolex} -> {KFC} <=> Confidence: 100.0%
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{Rolex} -> {BMW, KFC} <=> Confidence: 100.0%
{Rolex} -> {KFC, Hublot} <=> Confidence: 100.0%
{Rolex} -> {BMW, KFC, Hublot} <=> Confidence: 100.0%
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{ZARA} -> {Dunkin} <=> Confidence: 100.0%
{ZARA} -> {BMW, Dunkin} <=> Confidence: 100.0%
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{Popeyes} -> {Tissot} <=> Confidence: 50.0%
\{Popeyes\} \rightarrow \{H\&M\} \iff Confidence: 50.0\%
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{Popeyes} -> {Tissot, Hublot, Bugatti} <=> Confidence: 50.0%
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{Adidas} -> {KFC} <=> Confidence: 100.0%
{Adidas} -> {KFC, Hublot} <=> Confidence: 100.0%
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{MG} -> {Starbucks} <=> Confidence: 50.0%
{MG} -> {IHOP} <=> Confidence: 100.0%
{MG} -> {Titan} <=> Confidence: 50.0%
{MG} -> {IHOP, Samsung} <=> Confidence: 50.0%
{MG} -> {IHOP, Fossil} <=> Confidence: 100.0%
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{MG} -> {IHOP, Titan} <=> Confidence: 50.0%
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{MG} -> {Fossil, Starbucks} <=> Confidence: 50.0%
{MG} -> {Fossil, Titan} <=> Confidence: 50.0%
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{MG} -> {IHOP, Starbucks, Samsung} <=> Confidence: 50.0%
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{Fossil} -> {IHOP, Titan} <=> Confidence: 50.0%
{Fossil} -> {MG, Samsung} <=> Confidence: 50.0%
{Fossil} -> {Starbucks, MG} <=> Confidence: 50.0%
\{Fossil\} \rightarrow \{MG, Titan\} \iff Confidence: 50.0\%
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{Fossil} -> {IHOP, MG, Samsung} <=> Confidence: 50.0%
{Fossil} -> {IHOP, MG, Starbucks} <=> Confidence: 50.0%
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{Fossil} -> {Starbucks, MG, Samsung} <=> Confidence: 50.0%
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{Chipotle} -> {Swiss, Omega} <=> Confidence: 100.0%
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{Dominos} -> {Casio, Maserati} <=> Confidence: 100.0%
{Suzuki} -> {GUCCI} <=> Confidence: 100.0%
{Suzuki} -> {Wendys} <=> Confidence: 100.0%
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{Suzuki} -> {GUCCI, Wendys} <=> Confidence: 100.0%
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{Seiko} -> {Hermes, Nike} <=> Confidence: 100.0%
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{IQOO, Coach} -> {Tesla, Chanel, Subway} <=> Confidence: 100.0%
{IQOO, Tesla} -> {Coach} <=> Confidence: 100.0%
{IQOO, Tesla} -> {Chanel} <=> Confidence: 100.0%
{IQOO, Tesla} -> {Subway} <=> Confidence: 100.0%
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{Tesla, Subway} -> {Chanel, Coach} <=> Confidence: 50.0%
```

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{Tesla, Subway} -> {IQOO, Coach, Chanel} <=> Confidence: 50.0%
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{Chanel, Coach} -> {IOOO} <=> Confidence: 50.0%
{Chanel, Coach} -> {Subway} <=> Confidence: 100.0%
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{Coach, Subway} -> {Chanel} <=> Confidence: 66.67%
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{Coach, Subway} -> {Chanel, Tesla} <=> Confidence: 33.33%
{Coach, Subway} -> {IQOO, Tesla, Chanel} <=> Confidence: 33.33%
{Chanel, Subway} -> {Tesla} <=> Confidence: 50.0%
{Chanel, Subway} -> {IOOO} <=> Confidence: 50.0%
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{IHOP, Hermes} -> {Tesla} <=> Confidence: 100.0%
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{Coach, IQOO} -> {Chanel} <=> Confidence: 100.0%
{Coach, IOOO} -> {Subway} <=> Confidence: 100.0%
{Coach, IQOO} -> {Chanel, Tesla} <=> Confidence: 100.0%
{Coach, IQOO} -> {Tesla, Subway} <=> Confidence: 100.0%
{Coach, IQOO} -> {Chanel, Subway} <=> Confidence: 100.0%
{Tata, Coach} -> {Swiss} <=> Confidence: 100.0%
{Tata, Coach} -> {Dunkin} <=> Confidence: 100.0%
{Tata, Coach} -> {Dunkin, Swiss} <=> Confidence: 100.0%
{Tata, Swiss} -> {Coach} <=> Confidence: 100.0%
{Tata, Swiss} -> {Dunkin} <=> Confidence: 100.0%
{Tata, Swiss} -> {Dunkin, Coach} <=> Confidence: 100.0%
{Coach, Swiss} -> {Tata} <=> Confidence: 100.0%
{Coach, Swiss} -> {Dunkin} <=> Confidence: 100.0%
{Coach, Swiss} -> {Tata, Dunkin} <=> Confidence: 100.0%
{Tata, Dunkin} -> {Coach} <=> Confidence: 100.0%
{Tata, Dunkin} -> {Coach, Swiss} <=> Confidence: 100.0%
{Coach, Dunkin} -> {Tata} <=> Confidence: 100.0%
{Dunkin, Coach} -> {Swiss} <=> Confidence: 100.0%
{Dunkin, Coach} -> {Tata, Swiss} <=> Confidence: 100.0%
{Dunkin, Swiss} -> {Coach} <=> Confidence: 100.0%
{Dunkin, Swiss} -> {Tata} <=> Confidence: 100.0%
{Dunkin, Swiss} -> {Tata, Coach} <=> Confidence: 100.0%
```

```
{Casio, Chanel} -> {Audi} <=> Confidence: 100.0%
{Casio, Audi} -> {Chanel} <=> Confidence: 100.0%
{Chanel, Audi} -> {Casio} <=> Confidence: 100.0%
{IHOP, MG} -> {Samsung} <=> Confidence: 50.0%
{IHOP, MG} -> {Fossil} <=> Confidence: 100.0%
{IHOP, MG} -> {Starbucks} <=> Confidence: 50.0%
{IHOP, MG} -> {Titan} <=> Confidence: 50.0%
{IHOP, MG} -> {Fossil, Samsung} <=> Confidence: 50.0%
{IHOP, MG} -> {Starbucks, Samsung} <=> Confidence: 50.0%
{IHOP, MG} -> {Fossil, Starbucks} <=> Confidence: 50.0%
{IHOP, MG} -> {Fossil, Titan} <=> Confidence: 50.0%
{IHOP, MG} -> {Starbucks, Fossil, Samsung} <=> Confidence: 50.0%
\{IHOP, Samsung\} \rightarrow \{MG\} \iff Confidence: 100.0\%
{IHOP, Samsung} -> {Fossil} <=> Confidence: 100.0%
{IHOP, Samsung} -> {Starbucks} <=> Confidence: 100.0%
{IHOP, Samsung} -> {Fossil, MG} <=> Confidence: 100.0%
{IHOP, Samsung} -> {Starbucks, MG} <=> Confidence: 100.0%
{IHOP, Samsung} -> {Starbucks, Fossil} <=> Confidence: 100.0%
{IHOP, Samsung} -> {Starbucks, Fossil, MG} <=> Confidence: 100.0%
\{MG, Samsung\} \rightarrow \{IHOP\} \iff Confidence: 100.0\%
{MG, Samsung} -> {Fossil} <=> Confidence: 100.0%
{MG, Samsung} -> {Starbucks} <=> Confidence: 100.0%
{MG, Samsung} -> {IHOP, Fossil} <=> Confidence: 100.0%
{MG, Samsung} -> {IHOP, Starbucks} <=> Confidence: 100.0%
{MG, Samsung} -> {Fossil, Starbucks} <=> Confidence: 100.0%
{MG, Samsung} -> {IHOP, Starbucks, Fossil} <=> Confidence: 100.0%
\{IHOP, Fossil\} \rightarrow \{MG\} \iff Confidence: 100.0\%
{IHOP, Fossil} -> {Samsung} <=> Confidence: 50.0%
{IHOP, Fossil} -> {Starbucks} <=> Confidence: 50.0%
{IHOP, Fossil} -> {Titan} <=> Confidence: 50.0%
{IHOP, Fossil} -> {MG, Samsung} <=> Confidence: 50.0%
{IHOP, Fossil} -> {MG, Starbucks} <=> Confidence: 50.0%
{IHOP, Fossil} -> {MG, Titan} <=> Confidence: 50.0%
{IHOP, Fossil} -> {Starbucks, Samsung} <=> Confidence: 50.0%
{IHOP, Fossil} -> {Starbucks, MG, Samsung} <=> Confidence: 50.0%
{Fossil, MG} -> {IHOP} <=> Confidence: 100.0%
{Fossil, MG} -> {Samsung} <=> Confidence: 50.0%
{Fossil, MG} -> {Starbucks} <=> Confidence: 50.0%
\{Fossil, MG\} \rightarrow \{Titan\} \iff Confidence: 50.0\%
{Fossil, MG} -> {IHOP, Samsung} <=> Confidence: 50.0%
{Fossil, MG} -> {IHOP, Starbucks} <=> Confidence: 50.0%
{Fossil, MG} -> {IHOP, Titan} <=> Confidence: 50.0%
{Fossil, MG} -> {Starbucks, Samsung} <=> Confidence: 50.0%
{Fossil, MG} -> {IHOP, Starbucks, Samsung} <=> Confidence: 50.0%
{IHOP, Starbucks} -> {MG} <=> Confidence: 100.0%
{IHOP, Starbucks} -> {Samsung} <=> Confidence: 100.0%
```

```
{IHOP, Starbucks} -> {Fossil} <=> Confidence: 100.0%
{IHOP, Starbucks} -> {MG, Samsung} <=> Confidence: 100.0%
{IHOP, Starbucks} -> {Fossil, MG} <=> Confidence: 100.0%
{IHOP, Starbucks} -> {Fossil, Samsung} <=> Confidence: 100.0%
{IHOP, Starbucks} -> {Fossil, MG, Samsung} <=> Confidence: 100.0%
{Starbucks, MG} -> {IHOP} <=> Confidence: 100.0%
{Starbucks, MG} -> {Samsung} <=> Confidence: 100.0%
{Starbucks, MG} -> {Fossil} <=> Confidence: 100.0%
{Starbucks, MG} -> {IHOP, Samsung} <=> Confidence: 100.0%
{Starbucks, MG} -> {Fossil, Samsung} <=> Confidence: 100.0%
{Starbucks, MG} -> {IHOP, Fossil, Samsung} <=> Confidence: 100.0%
{IHOP, Titan} -> {MG} <=> Confidence: 100.0%
{IHOP, Titan} -> {Fossil} <=> Confidence: 100.0%
{IHOP, Titan} -> {Fossil, MG} <=> Confidence: 100.0%
{MG, Titan} -> {IHOP} <=> Confidence: 100.0%
{MG, Titan} -> {Fossil} <=> Confidence: 100.0%
{MG, Titan} -> {IHOP, Fossil} <=> Confidence: 100.0%
{Fossil, Samsung} -> {IHOP} <=> Confidence: 100.0%
{Fossil, Samsung} -> {MG} <=> Confidence: 100.0%
{Fossil, Samsung} -> {Starbucks} <=> Confidence: 100.0%
{Fossil, Samsung} -> {IHOP, MG} <=> Confidence: 100.0%
{Fossil, Samsung} -> {IHOP, Starbucks} <=> Confidence: 100.0%
{Fossil, Samsung} -> {Starbucks, MG} <=> Confidence: 100.0%
{Fossil, Samsung} -> {IHOP, Starbucks, MG} <=> Confidence: 100.0%
{Starbucks, Samsung} -> {IHOP} <=> Confidence: 100.0%
{Starbucks, Samsung} -> {MG} <=> Confidence: 100.0%
{Starbucks, Samsung} -> {Fossil} <=> Confidence: 100.0%
{Starbucks, Samsung} -> {IHOP, MG} <=> Confidence: 100.0%
{Starbucks, Samsung} -> {IHOP, Fossil} <=> Confidence: 100.0%
{Starbucks, Samsung} -> {Fossil, MG} <=> Confidence: 100.0%
{Starbucks, Samsung} -> {IHOP, Fossil, MG} <=> Confidence: 100.0%
{Fossil, Starbucks} -> {IHOP} <=> Confidence: 100.0%
{Fossil, Starbucks} -> {MG} <=> Confidence: 100.0%
{Fossil. Starbucks} -> {Samsung} <=> Confidence: 100.0%
{Fossil, Starbucks} -> {IHOP, MG} <=> Confidence: 100.0%
{Fossil, Starbucks} -> {MG, Samsung} <=> Confidence: 100.0%
{Fossil, Titan} -> {IHOP} <=> Confidence: 100.0%
{Fossil, Titan} -> {MG} <=> Confidence: 100.0%
{Fossil, Titan} -> {IHOP, MG} <=> Confidence: 100.0%
{Chipotle, Swiss} -> {Omega} <=> Confidence: 100.0%
{Chipotle, Omega} -> {Swiss} <=> Confidence: 100.0%
{Swiss, Omega} -> {Chipotle} <=> Confidence: 100.0%
{Seiko, Hermes} -> {Nike} <=> Confidence: 100.0%
{Seiko, Nike} -> {Hermes} <=> Confidence: 100.0%
{Hermes, Nike} -> {Seiko} <=> Confidence: 100.0%
{Dunkin, Tata} -> {Swiss} <=> Confidence: 100.0%
```

```
{BMW, Dunkin} -> {ZARA} <=> Confidence: 100.0%
{BMW, ZARA} -> {Dunkin} <=> Confidence: 100.0%
{Dunkin, ZARA} -> {BMW} <=> Confidence: 100.0%
{Casio, Maserati} -> {Dominos} <=> Confidence: 100.0%
{Casio, Dominos} -> {Maserati} <=> Confidence: 100.0%
{Maserati, Dominos} -> {Casio} <=> Confidence: 100.0%
{BMW, Hublot} -> {Poco} <=> Confidence: 50.0%
{BMW, Hublot} -> {McD} <=> Confidence: 50.0%
{BMW, Hublot} -> {KFC} <=> Confidence: 100.0%
{BMW, Hublot} -> {Rolex} <=> Confidence: 50.0%
{BMW, Hublot} -> {McD, Poco} <=> Confidence: 50.0%
{BMW, Hublot} -> {KFC, Poco} <=> Confidence: 50.0%
{BMW, Hublot} -> {McD, KFC} <=> Confidence: 50.0%
{BMW, Hublot} -> {Rolex, KFC} <=> Confidence: 50.0%
{BMW, Poco} -> {Hublot} <=> Confidence: 100.0%
{BMW, Poco} -> {McD} <=> Confidence: 100.0%
{BMW, Poco} -> {KFC} <=> Confidence: 100.0%
{BMW, Poco} -> {McD, Hublot} <=> Confidence: 100.0%
{BMW, Poco} -> {KFC, Hublot} <=> Confidence: 100.0%
{BMW, Poco} -> {McD, KFC} <=> Confidence: 100.0%
{Hublot, Poco} -> {BMW} <=> Confidence: 100.0%
{Hublot, Poco} -> {McD} <=> Confidence: 100.0%
{Hublot, Poco} -> {KFC} <=> Confidence: 100.0%
{Hublot, Poco} -> {McD, BMW} <=> Confidence: 100.0%
{Hublot, Poco} -> {BMW, KFC} <=> Confidence: 100.0%
{Hublot, Poco} -> {McD, KFC} <=> Confidence: 100.0%
{McD, BMW} -> {Poco} <=> Confidence: 100.0%
{McD, BMW} -> {Hublot} <=> Confidence: 100.0%
{McD, BMW} -> {KFC} <=> Confidence: 100.0%
{McD, BMW} -> {Hublot, Poco} <=> Confidence: 100.0%
{McD, BMW} -> {KFC, Hublot} <=> Confidence: 100.0%
{McD, BMW} -> {KFC, Poco} <=> Confidence: 100.0%
{McD, BMW} -> {Poco, KFC, Hublot} <=> Confidence: 100.0%
{McD, Poco} -> {BMW} <=> Confidence: 100.0%
{McD, Poco} -> {Hublot} <=> Confidence: 100.0%
{McD, Poco} -> {KFC} <=> Confidence: 100.0%
{McD, Poco} -> {BMW, Hublot} <=> Confidence: 100.0%
{McD, Poco} -> {BMW, KFC} <=> Confidence: 100.0%
{McD, Poco} -> {KFC, Hublot} <=> Confidence: 100.0%
{BMW, KFC} -> {Poco} <=> Confidence: 50.0%
{BMW, KFC} -> {Hublot} <=> Confidence: 100.0%
{BMW, KFC} -> {McD} <=> Confidence: 50.0%
{BMW, KFC} -> {Rolex} <=> Confidence: 50.0%
{BMW, KFC} -> {Hublot, Poco} <=> Confidence: 50.0%
{BMW, KFC} -> {McD, Hublot} <=> Confidence: 50.0%
{BMW, KFC} -> {Rolex, Hublot} <=> Confidence: 50.0%
```

```
{BMW, KFC} -> {McD, Poco} <=> Confidence: 50.0%
{KFC, Poco} -> {BMW} <=> Confidence: 100.0%
{KFC, Poco} -> {Hublot} <=> Confidence: 100.0%
{KFC, Poco} -> {McD} <=> Confidence: 100.0%
{KFC, Poco} -> {BMW, Hublot} <=> Confidence: 100.0%
{KFC, Poco} -> {McD, BMW} <=> Confidence: 100.0%
{KFC, Poco} -> {McD, Hublot} <=> Confidence: 100.0%
{McD, Hublot} -> {BMW} <=> Confidence: 100.0%
{McD, Hublot} -> {Poco} <=> Confidence: 100.0%
{McD, Hublot} -> {KFC} <=> Confidence: 100.0%
{McD, Hublot} -> {BMW, Poco} <=> Confidence: 100.0%
{McD, Hublot} -> {BMW, KFC} <=> Confidence: 100.0%
{McD, Hublot} -> {KFC, Poco} <=> Confidence: 100.0%
{KFC, Hublot} -> {BMW} <=> Confidence: 66.67%
{KFC, Hublot} -> {Poco} <=> Confidence: 33.33%
{KFC, Hublot} -> {McD} <=> Confidence: 33.33%
{KFC, Hublot} -> {Rolex} <=> Confidence: 33.33%
{KFC, Hublot} -> {Adidas} <=> Confidence: 33.33%
{KFC, Hublot} -> {BMW, Poco} <=> Confidence: 33.33%
{KFC, Hublot} -> {McD, BMW} <=> Confidence: 33.33%
{KFC, Hublot} -> {Rolex, BMW} <=> Confidence: 33.33%
{KFC, Hublot} -> {McD, Poco} <=> Confidence: 33.33%
{KFC, Hublot} -> {Poco, McD, BMW} <=> Confidence: 33.33%
{Rolex, BMW} -> {Hublot} <=> Confidence: 100.0%
{Rolex, BMW} -> {KFC} <=> Confidence: 100.0%
{Rolex, BMW} -> {KFC, Hublot} <=> Confidence: 100.0%
{Rolex, Hublot} -> {BMW} <=> Confidence: 100.0%
{Rolex, Hublot} -> {KFC} <=> Confidence: 100.0%
{Rolex, Hublot} -> {BMW, KFC} <=> Confidence: 100.0%
{McD, KFC} -> {BMW} <=> Confidence: 100.0%
{McD, KFC} -> {Poco} <=> Confidence: 100.0%
{McD, KFC} -> {Hublot} <=> Confidence: 100.0%
{McD, KFC} -> {BMW, Hublot} <=> Confidence: 100.0%
{McD, KFC} -> {BMW, Poco} <=> Confidence: 100.0%
{McD, KFC} -> {Hublot, Poco} <=> Confidence: 100.0%
{Rolex, KFC} -> {BMW} <=> Confidence: 100.0%
{Rolex, KFC} -> {Hublot} <=> Confidence: 100.0%
{Rolex, KFC} -> {BMW, Hublot} <=> Confidence: 100.0%
{Adidas, KFC} -> {Hublot} <=> Confidence: 100.0%
{Adidas, Hublot} -> {KFC} <=> Confidence: 100.0%
{Tissot, Hublot} -> {Bugatti} <=> Confidence: 100.0%
{Tissot, Hublot} -> {Popeyes} <=> Confidence: 100.0%
{Tissot, Hublot} -> {Popeyes, Bugatti} <=> Confidence: 100.0%
{Tissot, Bugatti} -> {Hublot} <=> Confidence: 100.0%
{Tissot, Bugatti} -> {Popeyes} <=> Confidence: 100.0%
{Tissot, Bugatti} -> {Popeyes, Hublot} <=> Confidence: 100.0%
```

```
{Hublot, Bugatti} -> {Tissot} <=> Confidence: 100.0%
{Hublot, Bugatti} -> {Popeyes} <=> Confidence: 100.0%
{Hublot, Bugatti} -> {Popeves, Tissot} <=> Confidence: 100.0%
{Popeyes, Hublot} -> {Bugatti} <=> Confidence: 100.0%
{Popeyes, Hublot} -> {Tissot} <=> Confidence: 100.0%
{Popeyes, Hublot} -> {Tissot, Bugatti} <=> Confidence: 100.0%
{Popeyes, Bugatti} -> {Hublot} <=> Confidence: 100.0%
{Popeyes, Bugatti} -> {Tissot} <=> Confidence: 100.0%
{Popeyes, Bugatti} -> {Tissot, Hublot} <=> Confidence: 100.0%
{Popeyes, Tissot} -> {Hublot} <=> Confidence: 100.0%
{Popeyes, Tissot} -> {Bugatti} <=> Confidence: 100.0%
{Popeyes, Tissot} -> {Hublot, Bugatti} <=> Confidence: 100.0%
{Titan, Starbucks} -> {GUCCI} <=> Confidence: 100.0%
{Titan, GUCCI} -> {Starbucks} <=> Confidence: 100.0%
{Starbucks, GUCCI} -> {Titan} <=> Confidence: 100.0%
{GUCCI, Suzuki} -> {Wendys} <=> Confidence: 100.0%
{GUCCI, Wendys} -> {Suzuki} <=> Confidence: 100.0%
{Suzuki, Wendys} -> {GUCCI} <=> Confidence: 100.0%
{Tesla, Coach} -> {Chanel, IQOO} <=> Confidence: 50.0%
{Tesla, Coach} -> {IQOO, Subway} <=> Confidence: 50.0%
{Tesla, IQOO} -> {Chanel, Coach} <=> Confidence: 100.0%
{Tesla, IQOO} -> {Coach, Subway} <=> Confidence: 100.0%
{Tesla, IQOO} -> {Chanel, Subway} <=> Confidence: 100.0%
{Chanel, Tesla, Coach} -> {IQOO} <=> Confidence: 100.0%
{Chanel, Tesla, IQOO} -> {Coach} <=> Confidence: 100.0%
{Chanel, Tesla, IOOO} -> {Subway} <=> Confidence: 100.0%
{Chanel, Coach, IQOO} -> {Tesla} <=> Confidence: 100.0%
{Chanel, Coach, IQOO} -> {Subway} <=> Confidence: 100.0%
{Tesla, Coach, IQOO} -> {Chanel} <=> Confidence: 100.0%
{Tesla, Coach, IQOO} -> {Subway} <=> Confidence: 100.0%
{Tesla, Coach, Subway} -> {IQOO} <=> Confidence: 50.0%
{Tesla, IQOO, Subway} -> {Coach} <=> Confidence: 100.0%
{Tesla, IQOO, Subway} -> {Chanel} <=> Confidence: 100.0%
{Coach, IQOO, Subway} -> {Tesla} <=> Confidence: 100.0%
{Coach, IQOO, Subway} -> {Chanel} <=> Confidence: 100.0%
{Chanel, Coach, Subway} -> {IQOO} <=> Confidence: 50.0%
{Chanel, Coach, Subway} -> {Tesla} <=> Confidence: 50.0%
{Chanel, IQOO, Subway} -> {Coach} <=> Confidence: 100.0%
{Chanel, IQOO, Subway} -> {Tesla} <=> Confidence: 100.0%
{Chanel, Tesla, Subway} -> {IQOO} <=> Confidence: 100.0%
{Chanel, Tesla, Subway} -> {Coach} <=> Confidence: 100.0%
{Chanel, Coach, Tesla} -> {Subway} <=> Confidence: 100.0%
{Coach, Tesla, Subway} -> {Chanel} <=> Confidence: 50.0%
{Coach, Tesla, Subway} -> {IQOO, Chanel} <=> Confidence: 50.0%
{Tata, Dunkin, Coach} -> {Swiss} <=> Confidence: 100.0%
{Tata, Dunkin, Swiss} -> {Coach} <=> Confidence: 100.0%
```

```
{Tata, Coach, Swiss} -> {Dunkin} <=> Confidence: 100.0%
{Dunkin, Coach, Swiss} -> {Tata} <=> Confidence: 100.0%
{IHOP, Fossil, MG} -> {Samsung} <=> Confidence: 50.0%
{IHOP, Fossil, MG} -> {Starbucks} <=> Confidence: 50.0%
{IHOP, Fossil, MG} -> {Titan} <=> Confidence: 50.0%
{IHOP, Fossil, MG} -> {Starbucks, Samsung} <=> Confidence: 50.0%
{IHOP, Fossil, Samsung} -> {MG} <=> Confidence: 100.0%
{IHOP, Fossil, Samsung} -> {Starbucks} <=> Confidence: 100.0%
{IHOP, Fossil, Samsung} -> {Starbucks, MG} <=> Confidence: 100.0%
{IHOP, MG, Samsung} -> {Fossil} <=> Confidence: 100.0%
{IHOP, MG, Samsung} -> {Starbucks} <=> Confidence: 100.0%
{IHOP, MG, Samsung} -> {Starbucks, Fossil} <=> Confidence: 100.0%
{Fossil, MG, Samsung} -> {IHOP} <=> Confidence: 100.0%
{Fossil, MG, Samsung} -> {Starbucks} <=> Confidence: 100.0%
{Fossil, MG, Samsung} -> {IHOP, Starbucks} <=> Confidence: 100.0%
{IHOP, Starbucks, MG} -> {Samsung} <=> Confidence: 100.0%
{IHOP, Starbucks, MG} -> {Fossil, Samsung} <=> Confidence: 100.0%
{IHOP, Starbucks, Samsung} -> {MG} <=> Confidence: 100.0%
{IHOP, Starbucks, Samsung} -> {Fossil} <=> Confidence: 100.0%
{IHOP, Starbucks, Samsung} -> {Fossil, MG} <=> Confidence: 100.0%
{Starbucks, MG, Samsung} -> {IHOP} <=> Confidence: 100.0%
{Starbucks, MG, Samsung} -> {Fossil} <=> Confidence: 100.0%
{Starbucks, MG, Samsung} -> {IHOP, Fossil} <=> Confidence: 100.0%
{MG, Starbucks} -> {IHOP, Fossil} <=> Confidence: 100.0%
{IHOP, Fossil, Starbucks} -> {MG} <=> Confidence: 100.0%
{IHOP, MG, Starbucks} -> {Fossil} <=> Confidence: 100.0%
{Fossil, MG, Starbucks} -> {IHOP} <=> Confidence: 100.0%
{IHOP, Fossil, Titan} -> {MG} <=> Confidence: 100.0%
{IHOP, MG, Titan} -> {Fossil} <=> Confidence: 100.0%
{Fossil, MG, Titan} -> {IHOP} <=> Confidence: 100.0%
{Starbucks, Fossil} -> {IHOP, Samsung} <=> Confidence: 100.0%
{Starbucks, Fossil} -> {IHOP, MG, Samsung} <=> Confidence: 100.0%
{IHOP, Starbucks, Fossil} -> {Samsung} <=> Confidence: 100.0%
{IHOP, Starbucks, Fossil} -> {MG, Samsung} <=> Confidence: 100.0%
{Starbucks, Fossil, Samsung} -> {IHOP} <=> Confidence: 100.0%
{Starbucks, Fossil, Samsung} -> {IHOP, MG} <=> Confidence: 100.0%
{Fossil, Starbucks, MG} -> {Samsung} <=> Confidence: 100.0%
{Fossil, Starbucks, Samsung} -> {MG} <=> Confidence: 100.0%
{McD, BMW, Hublot} -> {Poco} <=> Confidence: 100.0%
{McD, BMW, Hublot} -> {KFC} <=> Confidence: 100.0%
{McD, BMW, Poco} -> {Hublot} <=> Confidence: 100.0%
{McD, BMW, Poco} -> {KFC} <=> Confidence: 100.0%
{McD, Hublot, Poco} -> {BMW} <=> Confidence: 100.0%
{McD, Hublot, Poco} -> {KFC} <=> Confidence: 100.0%
{BMW, Hublot, Poco} -> {McD} <=> Confidence: 100.0%
{BMW, Hublot, Poco} -> {KFC} <=> Confidence: 100.0%
```

```
\{BMW, KFC, Hublot\} \rightarrow \{Poco\} \iff Confidence: 50.0\%
{BMW, KFC, Hublot} -> {McD} <=> Confidence: 50.0%
{BMW, KFC, Hublot} -> {Rolex} <=> Confidence: 50.0%
{BMW, KFC, Poco} -> {Hublot} <=> Confidence: 100.0%
{BMW, KFC, Poco} -> {McD} <=> Confidence: 100.0%
{KFC, Hublot, Poco} -> {BMW} <=> Confidence: 100.0%
{KFC, Hublot, Poco} -> {McD} <=> Confidence: 100.0%
{McD, BMW, KFC} -> {Hublot} <=> Confidence: 100.0%
{McD, BMW, KFC} -> {Poco} <=> Confidence: 100.0%
{McD, KFC, Hublot} -> {BMW} <=> Confidence: 100.0%
{McD, KFC, Hublot} -> {Poco} <=> Confidence: 100.0%
{Rolex, BMW, KFC} -> {Hublot} <=> Confidence: 100.0%
\{Rolex, BMW, Hublot\} \rightarrow \{KFC\} \iff Confidence: 100.0\%
{Rolex, KFC, Hublot} -> {BMW} <=> Confidence: 100.0%
{McD, KFC, Poco} -> {BMW} <=> Confidence: 100.0%
{McD, KFC, Poco} -> {Hublot} <=> Confidence: 100.0%
{Popeyes, Tissot, Hublot} -> {Bugatti} <=> Confidence: 100.0%
{Popeyes, Tissot, Bugatti} -> {Hublot} <=> Confidence: 100.0%
{Popeyes, Hublot, Bugatti} -> {Tissot} <=> Confidence: 100.0%
{Tissot, Hublot, Bugatti} -> {Popeyes} <=> Confidence: 100.0%
{IQOO, Chanel} -> {Coach, Tesla, Subway} <=> Confidence: 100.0%
{Coach, Chanel} -> {IQOO, Tesla, Subway} <=> Confidence: 50.0%
{Tesla, Chanel} -> {IQOO, Coach, Subway} <=> Confidence: 100.0%
{IQOO, Coach, Tesla} -> {Chanel, Subway} <=> Confidence: 100.0%
{IQOO, Coach, Chanel} -> {Tesla, Subway} <=> Confidence: 100.0%
{IOOO, Coach, Subway} -> {Tesla, Chanel} <=> Confidence: 100.0%
{IQOO, Tesla, Chanel} -> {Coach, Subway} <=> Confidence: 100.0%
{IQOO, Tesla, Subway} -> {Coach, Chanel} <=> Confidence: 100.0%
{IQOO, Chanel, Subway} -> {Coach, Tesla} <=> Confidence: 100.0%
{Coach, Tesla, Chanel} -> {IQOO, Subway} <=> Confidence: 100.0%
{Coach, Chanel, Subway} -> {IQOO, Tesla} <=> Confidence: 50.0%
{Tesla, Chanel, Subway} -> {IQOO, Coach} <=> Confidence: 100.0%
{IQOO, Coach, Tesla, Chanel} -> {Subway} <=> Confidence: 100.0%
{IQOO, Coach, Tesla, Subway} -> {Chanel} <=> Confidence: 100.0%
{IQOO, Coach, Chanel, Subway} -> {Tesla} <=> Confidence: 100.0%
{IQOO, Tesla, Chanel, Subway} -> {Coach} <=> Confidence: 100.0%
{Coach, Tesla, Chanel, Subway} -> {IQOO} <=> Confidence: 100.0%
{Starbucks, Fossil, MG} -> {IHOP, Samsung} <=> Confidence: 100.0%
{IHOP, Starbucks, Fossil, MG} -> {Samsung} <=> Confidence: 100.0%
{IHOP, Starbucks, Fossil, Samsung} -> {MG} <=> Confidence: 100.0%
{IHOP, Starbucks, MG, Samsung} -> {Fossil} <=> Confidence: 100.0%
{IHOP, Fossil, MG, Samsung} -> {Starbucks} <=> Confidence: 100.0%
{Starbucks, Fossil, MG, Samsung} -> {IHOP} <=> Confidence: 100.0%
{Poco, KFC} -> {Hublot, McD, BMW} <=> Confidence: 100.0%
{Poco, Hublot} -> {KFC, McD, BMW} <=> Confidence: 100.0%
{Poco, McD} -> {KFC, Hublot, BMW} <=> Confidence: 100.0%
```

```
{Poco, BMW} -> {KFC, Hublot, McD} <=> Confidence: 100.0%
{KFC, McD} -> {Poco, Hublot, BMW} <=> Confidence: 100.0%
{KFC, BMW} -> {Poco, Hublot, McD} <=> Confidence: 50.0%
{Hublot, McD} -> {Poco, KFC, BMW} <=> Confidence: 100.0%
{Hublot, BMW} -> {Poco, KFC, McD} <=> Confidence: 50.0%
{Poco, KFC, Hublot} -> {McD, BMW} <=> Confidence: 100.0%
{Poco, KFC, McD} -> {Hublot, BMW} <=> Confidence: 100.0%
{Poco, KFC, BMW} -> {Hublot, McD} <=> Confidence: 100.0%
{Poco, Hublot, McD} -> {KFC, BMW} <=> Confidence: 100.0%
{Poco, Hublot, BMW} -> {KFC, McD} <=> Confidence: 100.0%
{Poco, McD, BMW} -> {KFC, Hublot} <=> Confidence: 100.0%
{KFC, Hublot, McD} -> {Poco, BMW} <=> Confidence: 100.0%
{KFC, Hublot, BMW} -> {Poco, McD} <=> Confidence: 50.0%
{KFC, McD, BMW} -> {Poco, Hublot} <=> Confidence: 100.0%
{Hublot, McD, BMW} -> {Poco, KFC} <=> Confidence: 100.0%
{Poco, KFC, Hublot, McD} -> {BMW} <=> Confidence: 100.0%
{Poco, KFC, Hublot, BMW} -> {McD} <=> Confidence: 100.0%
{Poco, KFC, McD, BMW} -> {Hublot} <=> Confidence: 100.0%
{Poco, Hublot, McD, BMW} -> {KFC} <=> Confidence: 100.0%
{KFC, Hublot, McD, BMW} -> {Poco} <=> Confidence: 100.0%
Total Time taken for Computation using Brute Force: 0.6535599842071533
```

Database 2:

```
import pandas as pd
import time
from itertools import combinations
import math
db1 = pd.read_csv('d:/2.csv', header = None)
print("Database 2:")
orint(db1)
print()
db1_l = db1.values.tolist() #Converting CSV to List
db1 list = []
for i in db1_l:
 1 = []
  for j in i:
   if type(j) == str: #Removing Nan values (Not A Number) from Transactions
      j = j.strip()
      1.append(j)
 db1 list.append(1)
print("Transactions After Removing Redundancy:")
for i in db1 list:
 print(i)
print()
total_transactions = len(db1_list) #Total No. of. Transactions
min_support = float(input("Minimum Support (In %): "))
min_confidence = float(input("Minimum Confidence (In %): "))
start time = time.time() #Stores particular instance of time immediately after
triggering the program
s = total_transactions * (min_support / 100) #Converting min_support from
percentage to float
size = 0
ans = []
flist = []
items = []
association_rules = {}
def freq(list 1): #Function to calculate frequency
 f = \{\}
```

```
if size == 0:
    for i in list_l:
      for j in i:
        if j not in f.keys():
          f[j] = 1
          items.append(j)
        else:
          f[j] = f[j] + 1
  elif size>0:
    for i in list_l:
      if i not in f.keys():
        f[i] = 1
      else:
        f[i] += 1
  flist.append(f)
def checkminsup(list_1):
  1=[]
  freq(list 1)
  for i in flist[size].keys():
    1.append(i)
  ans.append(1)
def unique_items(list_1): #Function to return all the unique items
  1 = []
  if size == 1:
   l = list_1
  else:
    for i in list 1:
      for j in i:
        if j not in 1:
          1.append(j)
def calc_sup(count_itemset, count_total): #Function that computes support
 temp s = 100 * (count itemset / count total)
  return temp_s
def calc_conf(count_LHSRHS, count_LHS): #Function that computes confidence
  temp_c = 100 * (count_LHSRHS / count_LHS)
  return temp_c
def fact(a, b): # Return Factorial for Total No of Combinations
  return math.factorial(a)/math.factorial(b)
```

```
def calc_confidence(): #Stores all the subsets of frequent itemsets to
calculate confidence
 for item in fans:
    if (len(item)) < 2: #Confidence cannot be computed for Itemsets of size 1
      continue
   for i in range(1, len(item)):
      LHS = [] #Stores LHS part of the Association Rule
      RHS = [] #Stores RHS part of the Association Rule
      idx = [] #Stores the position of index in the LHS part
      for j in range(i):
        idx.append(j)
      for j in idx:
        LHS.append(item[j])
      for j in range(len(item)):
        if j not in idx:
          RHS.append(item[j])
      total_count = 0 #Total No. of. Transactions in the Database
      LHS count = 0 #Total No. of. Occurences of the item in the LHS part
      for ITEM in range(len(db1_list)):
        if (all(x in db1_list[ITEM] for x in LHS)):
          LHS count += 1
          if (all(x in db1 list[ITEM] for x in RHS)):
            total_count += 1
      temp c = calc conf(calc sup(total count, total transactions),
calc_sup(LHS_count, total_transactions))
      if temp_c >= min_confidence: #Eliminates Association Rules if confidence
< min_confidence</pre>
       key = ""
        val = ""
        for j in LHS:
          key += " " + j
        key = key.strip()
        for j in RHS:
         val += " " + j
        val = val.strip()
        if key in association_rules.keys():
          association rules[key].append([val, round(temp c, 2)])
```

```
else:
          1 = []
          1.append([val, round(temp_c, 2)])
          association_rules[key] = 1
      last_idx = len(idx) - 1
      total_combinations = fact(len(item), i)
      while total_combinations:
        LHS = [] #Emptying LHS
        RHS = [] #Emptying RHS
        for j in range(i-1, -1, -1):
          if (idx[j] < (len(item)-(last_idx-j)-1)):</pre>
            t_idx = idx[j] + 1
            for k in range(j, i):
              idx[k] = t_idx
              t_idx += 1
            break
          else:
            continue
        for j in idx: #Stores LHS
          LHS.append(item[j])
        for j in range(len(item)): #Stores RHS
          if j not in idx:
            RHS.append(item[j])
        total_count = 0 #Total No. of. Transactions in the Database
        LHS_count = 0 #Total No. of. Occurences of the item in the LHS part
        for ITEM in range(len(db1 list)):
          if (all(x in db1_list[ITEM] for x in LHS)):
            LHS count += 1
            if (all(x in db1_list[ITEM] for x in RHS)):
              total_count += 1
        temp_c = calc_conf(calc_sup(total_count, total_transactions),
calc_sup(LHS_count, total_transactions))
        if temp_c < min_confidence:</pre>
          total_combinations -= 1
          continue
```

```
key = "" #Ignores Association Rules if confidence < min_confidence</pre>
        val = ""
        for j in LHS:
          key += " " + j
        key = key.strip()
        for j in RHS:
          val += " " + j
        val = val.strip()
        if key in association_rules.keys():
          if (val not in [item[0] for item in association_rules[key]]):
            association rules[key].append([val, round(temp_c, 2)])
        else:
          temp = []
          temp.append([val, round(temp_c, 2)])
          association_rules[key] = temp
        total_combinations -= 1
if size == 0:
  checkminsup(db1_list) #Helps in identifying Frequent Itemsets of size 1
  size += 1
while len(ans[-1]) > 0: #Helps in identifying Frequent Itemsets of size > 1
  newl1 = unique items(ans[size-1])
  newl1 = combinations(newl1, size+1)
  newl1 = list(newl1)
  fl = []
  for i in newl1:
    for j in db1 list:
      condition = set(i).issubset(set(j))
      if condition:
        fl.append(frozenset(i))
  checkminsup(fl)
  size += 1
for i in range(len(ans)-1): #Printing all the possible Frequent Itemsets
  print("\nFrequent Itemset", end = "")
 if len(ans[i]) > 1:
    print("s", end = "")
  print(" of Size", i+1, "Satisfying Minimum Support Condition", end = ":\n")
  if i == 0:
    for j in ans[i]:
      fval = flist[i][j]
      print("{", end = "")
      print(j, end = "")
```

```
print("}:", fval)
  else:
    for j in ans[i]:
     fval = flist[i][j]
      k = list(j)
      print("{", end = "")
      for 1 in k[:-1]:
       print(1, end = ", ")
      print(k[-1], end = "}: ")
      print(fval)
fans = []
for i in range(len(ans)):
 if i == 0:
    for j in ans[i]:
     fans.append([j])
  else:
    for j in ans[i]:
      k = list(j)
      fans.append(k)
if(ans[1] != []): #Calculating confidence of all the possible itemsets
  calc_confidence()
 print("\nConfidence of all the Possible Association Rules:")
  for key in association_rules:
    for value in association rules[key]:
      print("{", end = "")
      for j in key:
          print(", ", end = "")
        else:
          print(j, end = "")
      print(") -> {", end = "")
      for j in range(len(value[0])):
        if value[0][j] == " ":
          if j==0:
            continue
          else:
            print(end = ", ")
        else:
          print(value[0][j], end = "")
      print(") <=> Confidence: " + str(value[1]) + "%")
total_time=time.time()-start_time
print("\nTotal Time taken for Computation using Brute Force:",total_time)
```

Output:

```
Database 2:
     0
            1
                      3
                            4
0
   Dior
            McD Casio Dior Dominos
   Puma Starbucks Omega Puma Chipotle
1
2
   FILA
                    FILA Wendys
                                     NaN
            Seiko
3 Adidas
                     NaN
             KFC
                            NaN
                                    NaN
4 Hermes
             IHOP
                      NaN
                             NaN
                                     NaN
5
   Oppo Maserati Casio Dior
                                   Nike
6 Chanel
            Subway
                      Audi Titan
                                   GUCCI
7 Adidas
             KFC Coach Chanel
                                     NaN
8 Hermes
             IHOP
                      BMW Hublot
                                     Adidas
9
   ZARA
               MG Fossil Hermes
                                      NaN
10 H&M Popeyes
                       NaN
                              NaN
                                      NaN
11 Rolex
            Swiss
                    ZARA
                             NaN
                                      NaN
                           H&M
12 Titan Bugatti Tissot
                                     NaN
                             NaN
13 Coach Maserati Casio
                                     NaN
14 Hublot
              Kia Omega Puma
                                     NaN
             BMW Adidas
15 Fossil
                             KFC
                                      NaN
16 Swiss
              MG Fossil Hermes
                                    IHOP
17 Tissot
           Fossil Hermes IHOP
                                     NaN
18 Casio
            Swiss
                    ZARA Dunkin
                                      NaN
              H&M Popeves
19 Omega
                               NaN
                                        NaN
Transactions After Removing Redundancy:
['Dior', 'McD', 'Casio', 'Dior', 'Dominos']
['Puma', 'Starbucks', 'Omega', 'Puma', 'Chipotle']
['FILA', 'Seiko', 'FILA', 'Wendys']
['Adidas', 'KFC']
['Hermes', 'IHOP']
['Oppo', 'Maserati', 'Casio', 'Dior', 'Nike']
['Chanel', 'Subway', 'Audi', 'Titan', 'GUCCI']
['Adidas', 'KFC', 'Coach', 'Chanel']
['Hermes', 'IHOP', 'BMW', 'Hublot', 'Adidas']
['ZARA', 'MG', 'Fossil', 'Hermes']
['H&M', 'Popeyes']
['Rolex', 'Swiss', 'ZARA']
['Titan', 'Bugatti', 'Tissot', 'H&M']
['Coach', 'Maserati', 'Casio']
['Hublot', 'Kia', 'Omega', 'Puma']
['Fossil', 'BMW', 'Adidas', 'KFC']
['Swiss', 'MG', 'Fossil', 'Hermes', 'IHOP']
['Tissot', 'Fossil', 'Hermes', 'IHOP']
['Casio', 'Swiss', 'ZARA', 'Dunkin']
['Omega', 'H&M', 'Popeyes']
```

```
Minimum Support (In %): 15
Minimum Confidence (In %): 15
Frequent Itemsets of Size 1 Satisfying Minimum Support Condition:
{Dior}: 3
{McD}: 1
{Casio}: 4
{Dominos}: 1
{Puma}: 3
{Starbucks}: 1
{Omega}: 3
{Chipotle}: 1
{FILA}: 2
{Seiko}: 1
{Wendys}: 1
{Adidas}: 4
{KFC}: 3
{Hermes}: 5
{IHOP}: 4
{Oppo}: 1
{Maserati}: 2
{Nike}: 1
{Chanel}: 2
{Subway}: 1
{Audi}: 1
{Titan}: 2
{GUCCI}: 1
{Coach}: 2
{BMW}: 2
{Hublot}: 2
{ZARA}: 3
{MG}: 2
{Fossil}: 4
{H&M}: 3
{Popeyes}: 2
{Rolex}: 1
{Swiss}: 3
{Bugatti}: 1
{Tissot}: 2
{Kia}: 1
{Dunkin}: 1
Frequent Itemsets of Size 2 Satisfying Minimum Support Condition:
{McD, Dior}: 1
{Casio, Dior}: 2
{Dominos, Dior}: 1
```

```
{Oppo, Dior}: 1
{Maserati, Dior}: 1
{Nike, Dior}: 1
{Casio, McD}: 1
{Dominos, McD}: 1
{Dominos, Casio}: 1
{Oppo, Casio}: 1
{Maserati, Casio}: 2
{Nike, Casio}: 1
{Casio, Coach}: 1
{ZARA, Casio}: 1
{Swiss, Casio}: 1
{Dunkin, Casio}: 1
{Starbucks, Puma}: 1
{Omega, Puma}: 2
{Chipotle, Puma}: 1
{Hublot, Puma}: 1
{Kia, Puma}: 1
{Starbucks, Omega}: 1
{Starbucks, Chipotle}: 1
{Omega, Chipotle}: 1
{Omega, Hublot}: 1
{Omega, H&M}: 1
{Popeyes, Omega}: 1
{Omega, Kia}: 1
{FILA, Seiko}: 1
{FILA, Wendys}: 1
{Wendys, Seiko}: 1
{KFC, Adidas}: 3
{Hermes, Adidas}: 1
{IHOP, Adidas}: 1
{Adidas, Chanel}: 1
{Adidas, Coach}: 1
{Adidas, BMW}: 2
{Adidas, Hublot}: 1
{Adidas, Fossil}: 1
{KFC, Chanel}: 1
{KFC, Coach}: 1
{KFC, BMW}: 1
{KFC, Fossil}: 1
{Hermes, IHOP}: 4
{Hermes, BMW}: 1
{Hermes, Hublot}: 1
{Hermes, ZARA}: 1
{Hermes, MG}: 2
{Hermes, Fossil}: 3
```

```
{Swiss, Hermes}: 1
{Hermes, Tissot}: 1
{IHOP, BMW}: 1
{IHOP, Hublot}: 1
{IHOP, MG}: 1
{IHOP, Fossil}: 2
{Swiss, IHOP}: 1
{IHOP, Tissot}: 1
{Maserati, Oppo}: 1
{Oppo, Nike}: 1
{Maserati, Nike}: 1
{Maserati, Coach}: 1
{Chanel, Subway}: 1
{Chanel, Audi}: 1
{Titan, Chanel}: 1
{GUCCI, Chanel}: 1
{Chanel, Coach}: 1
{Subway, Audi}: 1
{Titan, Subway}: 1
{GUCCI, Subway}: 1
{Titan, Audi}: 1
{GUCCI, Audi}: 1
{Titan, GUCCI}: 1
{Titan, H&M}: 1
{Titan, Bugatti}: 1
{Tissot, Titan}: 1
{BMW, Hublot}: 1
{BMW, Fossil}: 1
{Kia, Hublot}: 1
{ZARA, MG}: 1
{Fossil, ZARA}: 1
{ZARA, Rolex}: 1
{Swiss, ZARA}: 2
{Dunkin, ZARA}: 1
{Fossil, MG}: 2
{Swiss, MG}: 1
{Swiss, Fossil}: 1
{Tissot, Fossil}: 1
{Popeyes, H&M}: 2
{Bugatti, H&M}: 1
{Tissot, H&M}: 1
{Swiss, Rolex}: 1
{Swiss, Dunkin}: 1
{Tissot, Bugatti}: 1
Frequent Itemsets of Size 3 Satisfying Minimum Support Condition:
```

```
{Casio, McD, Dior}: 1
{Dominos, McD, Dior}: 1
{Casio, Dominos, McD}: 1
{Dominos, Casio, Dior}: 1
{Oppo, Casio, Dior}: 1
{Maserati, Casio, Dior}: 1
{Nike, Casio, Dior}: 1
{Maserati, Oppo, Dior}: 1
{Oppo, Nike, Dior}: 1
{Maserati, Nike, Dior}: 1
{Maserati, Oppo, Casio}: 1
{Oppo, Casio, Nike}: 1
{Maserati, Nike, Casio}: 1
{Maserati, Casio, Coach}: 1
{Swiss, ZARA, Casio}: 1
{Dunkin, ZARA, Casio}: 1
{Swiss, Dunkin, Casio}: 1
{Maserati, Oppo, Nike}: 1
{KFC, Adidas, Coach}: 1
{KFC, Chanel, Coach}: 1
{Adidas, Chanel, Coach}: 1
{Swiss, Dunkin, ZARA}: 1
{Swiss, ZARA, Rolex}: 1
{Hermes, Fossil, ZARA}: 1
{Hermes, ZARA, MG}: 1
{Fossil, ZARA, MG}: 1
{Swiss, Hermes, IHOP}: 1
{Swiss, Hermes, Fossil}: 1
{Swiss, Hermes, MG}: 1
{Swiss, IHOP, Fossil}: 1
{Swiss, IHOP, MG}: 1
{Swiss, Fossil, MG}: 1
{Omega, Starbucks, Puma}: 1
{Starbucks, Chipotle, Puma}: 1
{Starbucks, Chipotle, Omega}: 1
{Omega, Chipotle, Puma}: 1
{Hublot, Omega, Puma}: 1
{Omega, Kia, Puma}: 1
{Hublot, Kia, Puma}: 1
{Omega, Kia, Hublot}: 1
{Popeyes, Omega, H&M}: 1
{Hermes, Adidas, Hublot}: 1
{IHOP, Adidas, Hublot}: 1
{Adidas, BMW, Hublot}: 1
{Hermes, IHOP, Hublot}: 1
{Hermes, BMW, Hublot}: 1
```

```
{IHOP, BMW, Hublot}: 1
{Tissot, H&M, Titan}: 1
{Tissot, Bugatti, H&M}: 1
{Titan, Bugatti, H&M}: 1
{FILA, Wendys, Seiko}: 1
{KFC, Adidas, Chanel}: 1
{KFC, Adidas, BMW}: 1
{KFC, Adidas, Fossil}: 1
{KFC, BMW, Fossil}: 1
{Hermes, Adidas, IHOP}: 1
{Hermes, Adidas, BMW}: 1
{IHOP, Adidas, BMW}: 1
{Fossil, Adidas, BMW}: 1
{Hermes, IHOP, BMW}: 1
{Hermes, IHOP, Fossil}: 2
{Hermes, IHOP, MG}: 1
{Hermes, IHOP, Tissot}: 1
{Hermes, Fossil, MG}: 2
{Hermes, Tissot, Fossil}: 1
{IHOP, Fossil, MG}: 1
{IHOP, Tissot, Fossil}: 1
{Chanel, Audi, Subway}: 1
{Titan, Chanel, Subway}: 1
{GUCCI, Chanel, Subway}: 1
{Titan, Chanel, Audi}: 1
{GUCCI, Chanel, Audi}: 1
{Titan, Chanel, GUCCI}: 1
{Tissot, Bugatti, Titan}: 1
{Titan, Subway, Audi}: 1
{GUCCI, Subway, Audi}: 1
{Titan, Subway, GUCCI}: 1
{Titan, Audi, GUCCI}: 1
Frequent Itemsets of Size 4 Satisfying Minimum Support Condition:
{McD, Dominos, Casio, Dior}: 1
{Maserati, Oppo, Casio, Dior}: 1
{Oppo, Casio, Nike, Dior}: 1
{Maserati, Nike, Casio, Dior}: 1
{Maserati, Oppo, Casio, Nike}: 1
{Swiss, Dunkin, ZARA, Casio}: 1
{Maserati, Oppo, Nike, Dior}: 1
{KFC, Adidas, Chanel, Coach}: 1
{Swiss, Hermes, Fossil, MG}: 1
{Swiss, Hermes, IHOP, Fossil}: 1
{Swiss, Hermes, IHOP, MG}: 1
{Swiss, IHOP, Fossil, MG}: 1
```

```
{Hermes, Fossil, ZARA, MG}: 1
{KFC, Adidas, Fossil, BMW}: 1
{Hermes, Adidas, IHOP, Hublot}: 1
{Hermes, Adidas, BMW, IHOP}: 1
{Hermes, Adidas, BMW, Hublot}: 1
{IHOP, Adidas, BMW, Hublot}: 1
{Titan, Chanel, Audi, Subway}: 1
{Titan, Chanel, Audi, GUCCI}: 1
{Titan, Chanel, Subway, GUCCI}: 1
{GUCCI, Chanel, Audi, Subway}: 1
{Hermes, IHOP, Fossil, MG}: 1
{Hermes, IHOP, Fossil, Tissot}: 1
{Hermes, IHOP, BMW, Hublot}: 1
{Omega, Chipotle, Starbucks, Puma}: 1
{Hublot, Omega, Kia, Puma}: 1
{Tissot, Bugatti, H&M, Titan}: 1
{Titan, Subway, Audi, GUCCI}: 1
Frequent Itemsets of Size 5 Satisfying Minimum Support Condition:
{Oppo, Nike, Dior, Maserati, Casio}: 1
{IHOP, Fossil, Swiss, Hermes, MG}: 1
{IHOP, Hublot, Hermes, Adidas, BMW}: 1
{Titan, GUCCI, Audi, Chanel, Subway}: 1
Confidence of all the Possible Association Rules:
{McD} -> {Dior} <=> Confidence: 100.0%
{McD} -> {Casio} <=> Confidence: 100.0%
{McD} -> {Dominos} <=> Confidence: 100.0%
{McD} -> {Casio, Dior} <=> Confidence: 100.0%
{McD} -> {Dominos, Dior} <=> Confidence: 100.0%
{McD} -> {Casio, Dominos} <=> Confidence: 100.0%
{McD} -> {Dominos, Casio, Dior} <=> Confidence: 100.0%
{Dior} -> {McD} <=> Confidence: 50.0%
{Dior} -> {Casio} <=> Confidence: 100.0%
\{Dior\} \rightarrow \{Dominos\} \iff Confidence: 50.0\%
{Dior} -> {Oppo} <=> Confidence: 50.0%
{Dior} -> {Maserati} <=> Confidence: 50.0%
{Dior} -> {Nike} <=> Confidence: 50.0%
{Dior} -> {Casio, McD} <=> Confidence: 50.0%
{Dior} -> {Dominos, McD} <=> Confidence: 50.0%
{Dior} -> {Dominos, Casio} <=> Confidence: 50.0%
{Dior} -> {Oppo, Casio} <=> Confidence: 50.0%
{Dior} -> {Maserati, Casio} <=> Confidence: 50.0%
{Dior} -> {Nike, Casio} <=> Confidence: 50.0%
{Dior} -> {Maserati, Oppo} <=> Confidence: 50.0%
{Dior} -> {Oppo, Nike} <=> Confidence: 50.0%
```

```
{Dior} -> {Maserati, Nike} <=> Confidence: 50.0%
{Dior} -> {McD, Dominos, Casio} <=> Confidence: 50.0%
{Dior} -> {Maserati, Oppo, Casio} <=> Confidence: 50.0%
{Dior} -> {Oppo, Casio, Nike} <=> Confidence: 50.0%
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{Dior} -> {Oppo, Nike, Maserati, Casio} <=> Confidence: 50.0%
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{Casio} -> {Dunkin} <=> Confidence: 25.0%
{Casio} -> {McD, Dior} <=> Confidence: 25.0%
{Casio} -> {Dominos, McD} <=> Confidence: 25.0%
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{Casio} -> {Oppo, Nike, Dior} <=> Confidence: 25.0%
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{Casio} -> {Oppo, Nike, Dior, Maserati} <=> Confidence: 25.0%
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{Dominos} -> {McD} <=> Confidence: 100.0%
{Dominos} -> {Casio} <=> Confidence: 100.0%
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{Dominos} -> {Casio, McD} <=> Confidence: 100.0%
{Dominos} -> {Casio, Dior} <=> Confidence: 100.0%
{Dominos} -> {McD, Casio, Dior} <=> Confidence: 100.0%
{Oppo} -> {Dior} <=> Confidence: 100.0%
{Oppo} -> {Casio} <=> Confidence: 100.0%
```

```
{Oppo} -> {Maserati} <=> Confidence: 100.0%
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{Oppo} -> {Casio, Dior} <=> Confidence: 100.0%
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{Nike} -> {Maserati, Oppo, Dior} <=> Confidence: 100.0%
{Nike} -> {Oppo, Dior, Maserati, Casio} <=> Confidence: 100.0%
{Coach} -> {Casio} <=> Confidence: 50.0%
```

```
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{Coach} -> {Chanel} <=> Confidence: 50.0%
{Coach} -> {Maserati, Casio} <=> Confidence: 50.0%
{Coach} -> {KFC, Adidas} <=> Confidence: 50.0%
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{ZARA} -> {Rolex} <=> Confidence: 33.33%
{ZARA} -> {Swiss} <=> Confidence: 66.67%
{ZARA} -> {Dunkin} <=> Confidence: 33.33%
{ZARA} -> {Swiss, Casio} <=> Confidence: 33.33%
{ZARA} -> {Dunkin, Casio} <=> Confidence: 33.33%
{ZARA} -> {Swiss, Dunkin} <=> Confidence: 33.33%
{ZARA} -> {Swiss, Rolex} <=> Confidence: 33.33%
{ZARA} -> {Hermes, Fossil} <=> Confidence: 33.33%
\{ZARA\} \rightarrow \{Hermes, MG\} \iff Confidence: 33.33\%
{ZARA} -> {Fossil, MG} <=> Confidence: 33.33%
{ZARA} -> {Swiss, Dunkin, Casio} <=> Confidence: 33.33%
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{Swiss} -> {Dunkin} <=> Confidence: 33.33%
{Swiss} -> {ZARA, Casio} <=> Confidence: 33.33%
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{Swiss} -> {Dunkin, ZARA} <=> Confidence: 33.33%
{Swiss} -> {ZARA, Rolex} <=> Confidence: 33.33%
{Swiss} -> {Hermes, IHOP} <=> Confidence: 33.33%
{Swiss} -> {Hermes, Fossil} <=> Confidence: 33.33%
{Swiss} -> {Hermes, MG} <=> Confidence: 33.33%
{Swiss} -> {IHOP, Fossil} <=> Confidence: 33.33%
{Swiss} -> {IHOP, MG} <=> Confidence: 33.33%
{Swiss} -> {Fossil, MG} <=> Confidence: 33.33%
{Swiss} -> {Dunkin, ZARA, Casio} <=> Confidence: 33.33%
{Swiss} -> {Hermes, Fossil, MG} <=> Confidence: 33.33%
{Swiss} -> {Hermes, IHOP, Fossil} <=> Confidence: 33.33%
```

```
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{Swiss} -> {IHOP, Fossil, Hermes, MG} <=> Confidence: 33.33%
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{Dunkin} -> {ZARA} <=> Confidence: 100.0%
{Dunkin} -> {Swiss} <=> Confidence: 100.0%
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{Dunkin} -> {Swiss, Casio} <=> Confidence: 100.0%
{Dunkin} -> {Swiss, ZARA} <=> Confidence: 100.0%
{Dunkin} -> {Swiss, ZARA, Casio} <=> Confidence: 100.0%
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{Starbucks} -> {Chipotle} <=> Confidence: 100.0%
{Starbucks} -> {Omega, Puma} <=> Confidence: 100.0%
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{Puma} -> {Kia} <=> Confidence: 50.0%
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{Puma} -> {Omega, Chipotle, Starbucks} <=> Confidence: 50.0%
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{Omega} -> {H&M} <=> Confidence: 33.33%
{Omega} -> {Popeyes} <=> Confidence: 33.33%
{Omega} -> {Kia} <=> Confidence: 33.33%
{Omega} -> {Starbucks, Puma} <=> Confidence: 33.33%
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{Omega} -> {Chipotle, Puma} <=> Confidence: 33.33%
{Omega} -> {Hublot, Puma} <=> Confidence: 33.33%
{Omega} -> {Kia, Puma} <=> Confidence: 33.33%
{Omega} -> {Kia, Hublot} <=> Confidence: 33.33%
{Omega} -> {Popeyes, H&M} <=> Confidence: 33.33%
{Omega} -> {Chipotle, Starbucks, Puma} <=> Confidence: 33.33%
{Omega} -> {Hublot, Kia, Puma} <=> Confidence: 33.33%
```

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{Chipotle} -> {Starbucks} <=> Confidence: 100.0%
{Chipotle} -> {Omega} <=> Confidence: 100.0%
{Chipotle} -> {Starbucks, Puma} <=> Confidence: 100.0%
{Chipotle} -> {Starbucks, Omega} <=> Confidence: 100.0%
{Chipotle} -> {Omega, Puma} <=> Confidence: 100.0%
{Chipotle} -> {Omega, Starbucks, Puma} <=> Confidence: 100.0%
{Hublot} -> {Puma} <=> Confidence: 50.0%
{Hublot} -> {Omega} <=> Confidence: 50.0%
{Hublot} -> {Adidas} <=> Confidence: 50.0%
{Hublot} -> {Hermes} <=> Confidence: 50.0%
{Hublot} -> {IHOP} <=> Confidence: 50.0%
{Hublot} -> {BMW} <=> Confidence: 50.0%
{Hublot} -> {Kia} <=> Confidence: 50.0%
{Hublot} -> {Omega, Puma} <=> Confidence: 50.0%
{Hublot} -> {Kia, Puma} <=> Confidence: 50.0%
{Hublot} -> {Omega, Kia} <=> Confidence: 50.0%
{Hublot} -> {Hermes, Adidas} <=> Confidence: 50.0%
{Hublot} -> {IHOP, Adidas} <=> Confidence: 50.0%
{Hublot} -> {Adidas, BMW} <=> Confidence: 50.0%
{Hublot} -> {Hermes, IHOP} <=> Confidence: 50.0%
{Hublot} -> {Hermes, BMW} <=> Confidence: 50.0%
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{Hublot} -> {Hermes, Adidas, BMW} <=> Confidence: 50.0%
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{Hublot} -> {Omega, Kia, Puma} <=> Confidence: 50.0%
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{Kia} -> {Hublot} <=> Confidence: 100.0%
{Kia} -> {Omega, Puma} <=> Confidence: 100.0%
{Kia} -> {Hublot, Puma} <=> Confidence: 100.0%
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{H&M} -> {Popeyes} <=> Confidence: 66.67%
{H&M} -> {Bugatti} <=> Confidence: 33.33%
{H&M} -> {Tissot} <=> Confidence: 33.33%
{H&M} -> {Popeyes, Omega} <=> Confidence: 33.33%
{H&M} -> {Tissot, Titan} <=> Confidence: 33.33%
{H&M} -> {Tissot, Bugatti} <=> Confidence: 33.33%
{H&M} -> {Titan, Bugatti} <=> Confidence: 33.33%
{H&M} -> {Tissot, Bugatti, Titan} <=> Confidence: 33.33%
```

```
{Popeyes} -> {Omega} <=> Confidence: 50.0%
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{Popeyes} -> {Omega, H&M} <=> Confidence: 50.0%
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{KFC} -> {Coach} <=> Confidence: 33.33%
{KFC} -> {BMW} <=> Confidence: 33.33%
{KFC} -> {Fossil} <=> Confidence: 33.33%
{KFC} -> {Adidas, Coach} <=> Confidence: 33.33%
{KFC} -> {Chanel, Coach} <=> Confidence: 33.33%
{KFC} -> {Adidas, Chanel} <=> Confidence: 33.33%
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{KFC} -> {Adidas, Fossil} <=> Confidence: 33.33%
{KFC} -> {BMW, Fossil} <=> Confidence: 33.33%
{KFC} -> {Adidas, Chanel, Coach} <=> Confidence: 33.33%
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{Adidas} -> {IHOP} <=> Confidence: 25.0%
{Adidas} -> {Chanel} <=> Confidence: 25.0%
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{Adidas} -> {Hublot} <=> Confidence: 25.0%
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{Adidas} -> {BMW, Hublot} <=> Confidence: 25.0%
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{Adidas} -> {Hermes, BMW} <=> Confidence: 25.0%
{Adidas} -> {IHOP, BMW} <=> Confidence: 25.0%
{Adidas} -> {Fossil, BMW} <=> Confidence: 25.0%
{Adidas} -> {KFC, Chanel, Coach} <=> Confidence: 25.0%
```

```
{Adidas} -> {KFC, Fossil, BMW} <=> Confidence: 25.0%
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{Adidas} -> {Hermes, BMW, IHOP} <=> Confidence: 25.0%
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{Hermes} -> {BMW} <=> Confidence: 20.0%
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{Hermes} -> {ZARA} <=> Confidence: 20.0%
\{Hermes\} \rightarrow \{MG\} \iff Confidence: 40.0\%
{Hermes} -> {Fossil} <=> Confidence: 60.0%
\{Hermes\} \rightarrow \{Swiss\} \iff Confidence: 20.0\%
{Hermes} -> {Tissot} <=> Confidence: 20.0%
{Hermes} -> {Fossil, ZARA} <=> Confidence: 20.0%
{Hermes} -> {ZARA, MG} <=> Confidence: 20.0%
{Hermes} -> {Swiss, IHOP} <=> Confidence: 20.0%
{Hermes} -> {Swiss, Fossil} <=> Confidence: 20.0%
\{Hermes\} \rightarrow \{Swiss, MG\} \iff Confidence: 20.0\%
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{Hermes} -> {IHOP, Hublot} <=> Confidence: 20.0%
{Hermes} -> {BMW, Hublot} <=> Confidence: 20.0%
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{Hermes} -> {Adidas, BMW} <=> Confidence: 20.0%
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{IHOP} -> {BMW} <=> Confidence: 25.0%
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{IHOP} -> {Swiss} <=> Confidence: 25.0%
{IHOP} -> {Tissot} <=> Confidence: 25.0%
{IHOP} -> {Swiss, Hermes} <=> Confidence: 25.0%
{IHOP} -> {Swiss, Fossil} <=> Confidence: 25.0%
{IHOP} -> {Swiss, MG} <=> Confidence: 25.0%
{IHOP} -> {Adidas, Hublot} <=> Confidence: 25.0%
{IHOP} -> {Hermes, Hublot} <=> Confidence: 25.0%
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{IHOP} -> {Hermes, Adidas} <=> Confidence: 25.0%
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{IHOP} -> {Hermes, BMW} <=> Confidence: 25.0%
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{IHOP} -> {Hermes, Fossil, Tissot} <=> Confidence: 25.0%
{IHOP} -> {Hermes, BMW, Hublot} <=> Confidence: 25.0%
{IHOP} -> {Fossil, Swiss, Hermes, MG} <=> Confidence: 25.0%
{IHOP} -> {Hublot, Hermes, Adidas, BMW} <=> Confidence: 25.0%
{Chanel} -> {Adidas} <=> Confidence: 50.0%
{Chanel} -> {KFC} <=> Confidence: 50.0%
{Chanel} -> {Subway} <=> Confidence: 50.0%
{Chanel} -> {Audi} <=> Confidence: 50.0%
{Chanel} -> {Titan} <=> Confidence: 50.0%
{Chanel} -> {GUCCI} <=> Confidence: 50.0%
{Chanel} -> {Coach} <=> Confidence: 50.0%
{Chanel} -> {KFC, Coach} <=> Confidence: 50.0%
{Chanel} -> {Adidas, Coach} <=> Confidence: 50.0%
{Chanel} -> {KFC, Adidas} <=> Confidence: 50.0%
{Chanel} -> {Audi, Subway} <=> Confidence: 50.0%
{Chanel} -> {Titan, Subway} <=> Confidence: 50.0%
{Chanel} -> {GUCCI, Subway} <=> Confidence: 50.0%
{Chanel} -> {Titan, Audi} <=> Confidence: 50.0%
{Chanel} -> {GUCCI, Audi} <=> Confidence: 50.0%
{Chanel} -> {Titan, GUCCI} <=> Confidence: 50.0%
```

```
{Chanel} -> {KFC, Adidas, Coach} <=> Confidence: 50.0%
{Chanel} -> {Titan, Audi, Subway} <=> Confidence: 50.0%
{Chanel} -> {Titan, Audi, GUCCI} <=> Confidence: 50.0%
{Chanel} -> {Titan, Subway, GUCCI} <=> Confidence: 50.0%
{Chanel} -> {GUCCI, Audi, Subway} <=> Confidence: 50.0%
{Chanel} -> {Titan, GUCCI, Audi, Subway} <=> Confidence: 50.0%
{BMW} -> {Adidas} <=> Confidence: 100.0%
{BMW} -> {KFC} <=> Confidence: 50.0%
{BMW} -> {Hermes} <=> Confidence: 50.0%
{BMW} -> {IHOP} <=> Confidence: 50.0%
{BMW} -> {Hublot} <=> Confidence: 50.0%
{BMW} -> {Fossil} <=> Confidence: 50.0%
{BMW} -> {Adidas, Hublot} <=> Confidence: 50.0%
{BMW} -> {Hermes, Hublot} <=> Confidence: 50.0%
{BMW} -> {IHOP, Hublot} <=> Confidence: 50.0%
{BMW} -> {KFC, Adidas} <=> Confidence: 50.0%
{BMW} -> {KFC, Fossil} <=> Confidence: 50.0%
{BMW} -> {Hermes, Adidas} <=> Confidence: 50.0%
{BMW} -> {IHOP, Adidas} <=> Confidence: 50.0%
{BMW} -> {Fossil, Adidas} <=> Confidence: 50.0%
{BMW} -> {Hermes, IHOP} <=> Confidence: 50.0%
{BMW} -> {KFC, Adidas, Fossil} <=> Confidence: 50.0%
{BMW} -> {Hermes, Adidas, IHOP} <=> Confidence: 50.0%
{BMW} -> {Hermes, Adidas, Hublot} <=> Confidence: 50.0%
{BMW} -> {IHOP, Adidas, Hublot} <=> Confidence: 50.0%
{BMW} -> {Hermes, IHOP, Hublot} <=> Confidence: 50.0%
{BMW} -> {IHOP, Hublot, Hermes, Adidas} <=> Confidence: 50.0%
{Fossil} -> {Adidas} <=> Confidence: 25.0%
{Fossil} -> {KFC} <=> Confidence: 25.0%
{Fossil} -> {Hermes} <=> Confidence: 75.0%
{Fossil} -> {IHOP} <=> Confidence: 50.0%
{Fossil} -> {BMW} <=> Confidence: 25.0%
{Fossil} -> {ZARA} <=> Confidence: 25.0%
{Fossil} -> {MG} <=> Confidence: 50.0%
{Fossil} -> {Swiss} <=> Confidence: 25.0%
{Fossil} -> {Tissot} <=> Confidence: 25.0%
{Fossil} -> {Hermes, ZARA} <=> Confidence: 25.0%
{Fossil} -> {ZARA, MG} <=> Confidence: 25.0%
{Fossil} -> {Swiss, Hermes} <=> Confidence: 25.0%
{Fossil} -> {Swiss, IHOP} <=> Confidence: 25.0%
{Fossil} -> {Swiss, MG} <=> Confidence: 25.0%
{Fossil} -> {KFC, Adidas} <=> Confidence: 25.0%
{Fossil} -> {KFC, BMW} <=> Confidence: 25.0%
{Fossil} -> {Adidas, BMW} <=> Confidence: 25.0%
{Fossil} -> {Hermes, IHOP} <=> Confidence: 50.0%
{Fossil} -> {Hermes, MG} <=> Confidence: 50.0%
```

```
{Fossil} -> {Hermes, Tissot} <=> Confidence: 25.0%
{Fossil} -> {IHOP, MG} <=> Confidence: 25.0%
{Fossil} -> {IHOP, Tissot} <=> Confidence: 25.0%
{Fossil} -> {Swiss, Hermes, MG} <=> Confidence: 25.0%
{Fossil} -> {Swiss, Hermes, IHOP} <=> Confidence: 25.0%
{Fossil} -> {Swiss, IHOP, MG} <=> Confidence: 25.0%
{Fossil} -> {Hermes, ZARA, MG} <=> Confidence: 25.0%
{Fossil} -> {KFC, Adidas, BMW} <=> Confidence: 25.0%
{Fossil} -> {Hermes, IHOP, MG} <=> Confidence: 25.0%
{Fossil} -> {Hermes, IHOP, Tissot} <=> Confidence: 25.0%
{Fossil} -> {IHOP, Swiss, Hermes, MG} <=> Confidence: 25.0%
{MG} -> {Hermes} <=> Confidence: 100.0%
{MG} -> {IHOP} <=> Confidence: 50.0%
{MG} -> {ZARA} <=> Confidence: 50.0%
{MG} -> {Fossil} <=> Confidence: 100.0%
{MG} -> {Swiss} <=> Confidence: 50.0%
{MG} -> {Hermes, ZARA} <=> Confidence: 50.0%
{MG} -> {Fossil, ZARA} <=> Confidence: 50.0%
{MG} -> {Swiss, Hermes} <=> Confidence: 50.0%
{MG} -> {Swiss, IHOP} <=> Confidence: 50.0%
{MG} -> {Swiss, Fossil} <=> Confidence: 50.0%
{MG} -> {Hermes, IHOP} <=> Confidence: 50.0%
{MG} -> {Hermes, Fossil} <=> Confidence: 100.0%
{MG} -> {IHOP, Fossil} <=> Confidence: 50.0%
{MG} -> {Swiss, Hermes, Fossil} <=> Confidence: 50.0%
{MG} -> {Swiss, Hermes, IHOP} <=> Confidence: 50.0%
{MG} -> {Swiss, IHOP, Fossil} <=> Confidence: 50.0%
{MG} -> {Hermes, Fossil, ZARA} <=> Confidence: 50.0%
{MG} -> {Hermes, IHOP, Fossil} <=> Confidence: 50.0%
{MG} -> {IHOP, Fossil, Swiss, Hermes} <=> Confidence: 50.0%
{Tissot} -> {Hermes} <=> Confidence: 50.0%
{Tissot} -> {IHOP} <=> Confidence: 50.0%
{Tissot} -> {Titan} <=> Confidence: 50.0%
{Tissot} -> {Fossil} <=> Confidence: 50.0%
\{Tissot\} -> \{H\&M\} \iff Confidence: 50.0\%
{Tissot} -> {Bugatti} <=> Confidence: 50.0%
{Tissot} -> {H&M, Titan} <=> Confidence: 50.0%
{Tissot} -> {Bugatti, H&M} <=> Confidence: 50.0%
{Tissot} -> {Hermes, IHOP} <=> Confidence: 50.0%
{Tissot} -> {Hermes, Fossil} <=> Confidence: 50.0%
{Tissot} -> {IHOP, Fossil} <=> Confidence: 50.0%
{Tissot} -> {Bugatti, Titan} <=> Confidence: 50.0%
{Tissot} -> {Hermes, IHOP, Fossil} <=> Confidence: 50.0%
{Tissot} -> {Bugatti, H&M, Titan} <=> Confidence: 50.0%
{Subway} -> {Chanel} <=> Confidence: 100.0%
{Subway} -> {Audi} <=> Confidence: 100.0%
```

```
{Subway} -> {Titan} <=> Confidence: 100.0%
{Subway} -> {GUCCI} <=> Confidence: 100.0%
{Subway} -> {Chanel, Audi} <=> Confidence: 100.0%
{Subway} -> {Titan, Chanel} <=> Confidence: 100.0%
{Subway} -> {GUCCI, Chanel} <=> Confidence: 100.0%
{Subway} -> {Titan, Audi} <=> Confidence: 100.0%
{Subway} -> {GUCCI, Audi} <=> Confidence: 100.0%
{Subway} -> {Titan, GUCCI} <=> Confidence: 100.0%
{Subway} -> {Titan, Chanel, Audi} <=> Confidence: 100.0%
{Subway} -> {Titan, Chanel, GUCCI} <=> Confidence: 100.0%
{Subway} -> {GUCCI, Chanel, Audi} <=> Confidence: 100.0%
{Subway} -> {Titan, Audi, GUCCI} <=> Confidence: 100.0%
{Subway} -> {Titan, GUCCI, Audi, Chanel} <=> Confidence: 100.0%
{Audi} -> {Chanel} <=> Confidence: 100.0%
{Audi} -> {Subway} <=> Confidence: 100.0%
{Audi} -> {Titan} <=> Confidence: 100.0%
{Audi} -> {GUCCI} <=> Confidence: 100.0%
{Audi} -> {Chanel, Subway} <=> Confidence: 100.0%
{Audi} -> {Titan, Chanel} <=> Confidence: 100.0%
{Audi} -> {GUCCI, Chanel} <=> Confidence: 100.0%
{Audi} -> {Titan, Subway} <=> Confidence: 100.0%
{Audi} -> {GUCCI, Subway} <=> Confidence: 100.0%
{Audi} -> {Titan, GUCCI} <=> Confidence: 100.0%
{Audi} -> {Titan, Chanel, Subway} <=> Confidence: 100.0%
{Audi} -> {Titan, Chanel, GUCCI} <=> Confidence: 100.0%
{Audi} -> {GUCCI, Chanel, Subway} <=> Confidence: 100.0%
{Audi} -> {Titan, Subway, GUCCI} <=> Confidence: 100.0%
{Audi} -> {Titan, GUCCI, Chanel, Subway} <=> Confidence: 100.0%
{Titan} -> {Chanel} <=> Confidence: 50.0%
{Titan} -> {Subway} <=> Confidence: 50.0%
{Titan} -> {Audi} <=> Confidence: 50.0%
{Titan} -> {GUCCI} <=> Confidence: 50.0%
{Titan} -> {H&M} <=> Confidence: 50.0%
{Titan} -> {Bugatti} <=> Confidence: 50.0%
{Titan} -> {Tissot} <=> Confidence: 50.0%
{Titan} -> {Tissot, H&M} <=> Confidence: 50.0%
{Titan} -> {Bugatti, H&M} <=> Confidence: 50.0%
{Titan} -> {Chanel, Subway} <=> Confidence: 50.0%
{Titan} -> {Chanel, Audi} <=> Confidence: 50.0%
{Titan} -> {Chanel, GUCCI} <=> Confidence: 50.0%
{Titan} -> {Tissot, Bugatti} <=> Confidence: 50.0%
{Titan} -> {Subway, Audi} <=> Confidence: 50.0%
{Titan} -> {Subway, GUCCI} <=> Confidence: 50.0%
{Titan} -> {Audi, GUCCI} <=> Confidence: 50.0%
{Titan} -> {Chanel, Audi, Subway} <=> Confidence: 50.0%
{Titan} -> {Chanel, Audi, GUCCI} <=> Confidence: 50.0%
```

```
{Titan} -> {Chanel, Subway, GUCCI} <=> Confidence: 50.0%
{Titan} -> {Tissot, Bugatti, H&M} <=> Confidence: 50.0%
{Titan} -> {Subway, Audi, GUCCI} <=> Confidence: 50.0%
{Titan} -> {GUCCI, Audi, Chanel, Subway} <=> Confidence: 50.0%
{GUCCI} -> {Chanel} <=> Confidence: 100.0%
{GUCCI} -> {Subway} <=> Confidence: 100.0%
{GUCCI} -> {Audi} <=> Confidence: 100.0%
{GUCCI} -> {Titan} <=> Confidence: 100.0%
{GUCCI} -> {Chanel, Subway} <=> Confidence: 100.0%
{GUCCI} -> {Chanel, Audi} <=> Confidence: 100.0%
{GUCCI} -> {Titan, Chanel} <=> Confidence: 100.0%
{GUCCI} -> {Subway, Audi} <=> Confidence: 100.0%
{GUCCI} -> {Titan, Subway} <=> Confidence: 100.0%
{GUCCI} -> {Titan, Audi} <=> Confidence: 100.0%
{GUCCI} -> {Titan, Chanel, Audi} <=> Confidence: 100.0%
{GUCCI} -> {Titan, Chanel, Subway} <=> Confidence: 100.0%
{GUCCI} -> {Chanel, Audi, Subway} <=> Confidence: 100.0%
{GUCCI} -> {Titan, Subway, Audi} <=> Confidence: 100.0%
{GUCCI} -> {Titan, Audi, Chanel, Subway} <=> Confidence: 100.0%
{Bugatti} -> {Titan} <=> Confidence: 100.0%
{Bugatti} -> {H&M} <=> Confidence: 100.0%
{Bugatti} -> {Tissot} <=> Confidence: 100.0%
{Bugatti} -> {Tissot, H&M} <=> Confidence: 100.0%
{Bugatti} -> {Titan, H&M} <=> Confidence: 100.0%
{Bugatti} -> {Tissot, Titan} <=> Confidence: 100.0%
{Bugatti} -> {Tissot, H&M, Titan} <=> Confidence: 100.0%
{Rolex} -> {ZARA} <=> Confidence: 100.0%
{Rolex} -> {Swiss} <=> Confidence: 100.0%
{Rolex} -> {Swiss, ZARA} <=> Confidence: 100.0%
{Casio, McD} -> {Dior} <=> Confidence: 100.0%
{Casio, McD} -> {Dominos} <=> Confidence: 100.0%
{Casio, Dior} -> {McD} <=> Confidence: 50.0%
{Casio, Dior} -> {Dominos} <=> Confidence: 50.0%
{Casio, Dior} -> {Oppo} <=> Confidence: 50.0%
{Casio, Dior} -> {Maserati} <=> Confidence: 50.0%
{Casio, Dior} -> {Nike} <=> Confidence: 50.0%
{Casio, Dior} -> {McD, Dominos} <=> Confidence: 50.0%
{Casio, Dior} -> {Maserati, Oppo} <=> Confidence: 50.0%
{Casio, Dior} -> {Oppo, Nike} <=> Confidence: 50.0%
{Casio, Dior} -> {Maserati, Nike} <=> Confidence: 50.0%
{McD, Dior} -> {Casio} <=> Confidence: 100.0%
{McD, Dior} -> {Dominos} <=> Confidence: 100.0%
{McD, Dior} -> {Dominos, Casio} <=> Confidence: 100.0%
{Dominos, McD} -> {Dior} <=> Confidence: 100.0%
{Dominos, McD} -> {Casio} <=> Confidence: 100.0%
\{Dominos, Dior\} \rightarrow \{McD\} \iff Confidence: 100.0\%
```

```
{Dominos, Dior} -> {Casio} <=> Confidence: 100.0%
{Dominos, Dior} -> {McD, Casio} <=> Confidence: 100.0%
{Casio, Dominos} -> {McD} <=> Confidence: 100.0%
{Dominos, Casio} -> {Dior} <=> Confidence: 100.0%
{Dominos, Casio} -> {McD, Dior} <=> Confidence: 100.0%
{Oppo, Casio} -> {Dior} <=> Confidence: 100.0%
{Oppo, Casio} -> {Maserati} <=> Confidence: 100.0%
{Oppo, Casio} -> {Nike} <=> Confidence: 100.0%
{Oppo, Casio} -> {Maserati, Dior} <=> Confidence: 100.0%
{Oppo, Casio} -> {Nike, Dior} <=> Confidence: 100.0%
{Oppo, Casio} -> {Maserati, Nike} <=> Confidence: 100.0%
{Oppo, Casio} -> {Nike, Dior, Maserati} <=> Confidence: 100.0%
{Oppo, Dior} -> {Casio} <=> Confidence: 100.0%
{Oppo, Dior} -> {Maserati} <=> Confidence: 100.0%
{Oppo, Dior} -> {Nike} <=> Confidence: 100.0%
{Oppo, Dior} -> {Maserati, Casio} <=> Confidence: 100.0%
{Oppo, Dior} -> {Casio, Nike} <=> Confidence: 100.0%
{Oppo, Dior} -> {Maserati, Nike} <=> Confidence: 100.0%
{Oppo, Dior} -> {Nike, Maserati, Casio} <=> Confidence: 100.0%
{Maserati, Casio} -> {Dior} <=> Confidence: 50.0%
{Maserati, Casio} -> {Oppo} <=> Confidence: 50.0%
{Maserati, Casio} -> {Nike} <=> Confidence: 50.0%
{Maserati, Casio} -> {Coach} <=> Confidence: 50.0%
{Maserati, Casio} -> {Oppo, Dior} <=> Confidence: 50.0%
{Maserati, Casio} -> {Nike, Dior} <=> Confidence: 50.0%
{Maserati, Casio} -> {Oppo, Nike} <=> Confidence: 50.0%
{Maserati, Casio} -> {Oppo, Nike, Dior} <=> Confidence: 50.0%
{Maserati, Dior} -> {Casio} <=> Confidence: 100.0%
{Maserati, Dior} -> {Oppo} <=> Confidence: 100.0%
{Maserati, Dior} -> {Nike} <=> Confidence: 100.0%
{Maserati, Dior} -> {Oppo, Casio} <=> Confidence: 100.0%
{Maserati, Dior} -> {Nike, Casio} <=> Confidence: 100.0%
{Maserati, Dior} -> {Oppo, Nike} <=> Confidence: 100.0%
{Nike, Casio} -> {Dior} <=> Confidence: 100.0%
{Nike, Casio} -> {Maserati} <=> Confidence: 100.0%
{Nike, Casio} -> {Maserati, Dior} <=> Confidence: 100.0%
{Nike, Casio} -> {Oppo, Dior, Maserati} <=> Confidence: 100.0%
{Nike, Dior} -> {Casio} <=> Confidence: 100.0%
{Nike, Dior} -> {Oppo} <=> Confidence: 100.0%
{Nike, Dior} -> {Maserati} <=> Confidence: 100.0%
{Nike, Dior} -> {Oppo, Casio} <=> Confidence: 100.0%
{Nike, Dior} -> {Maserati, Casio} <=> Confidence: 100.0%
{Nike, Dior} -> {Maserati, Oppo} <=> Confidence: 100.0%
{Nike, Dior} -> {Oppo, Maserati, Casio} <=> Confidence: 100.0%
{Maserati, Oppo} -> {Dior} <=> Confidence: 100.0%
{Maserati, Oppo} -> {Casio} <=> Confidence: 100.0%
```

```
{Maserati, Oppo} -> {Nike} <=> Confidence: 100.0%
{Maserati, Oppo} -> {Casio, Dior} <=> Confidence: 100.0%
{Maserati, Oppo} -> {Casio, Nike} <=> Confidence: 100.0%
{Maserati, Oppo} -> {Nike, Dior} <=> Confidence: 100.0%
{Oppo, Nike} -> {Dior} <=> Confidence: 100.0%
{Oppo, Nike} -> {Casio} <=> Confidence: 100.0%
{Oppo, Nike} -> {Maserati} <=> Confidence: 100.0%
{Oppo, Nike} -> {Casio, Dior} <=> Confidence: 100.0%
{Oppo, Nike} -> {Maserati, Casio} <=> Confidence: 100.0%
{Oppo, Nike} -> {Maserati, Dior} <=> Confidence: 100.0%
{Oppo, Nike} -> {Dior, Maserati, Casio} <=> Confidence: 100.0%
{Maserati, Nike} -> {Dior} <=> Confidence: 100.0%
{Maserati, Nike} -> {Casio} <=> Confidence: 100.0%
{Maserati, Nike} -> {Oppo} <=> Confidence: 100.0%
{Maserati, Nike} -> {Casio, Dior} <=> Confidence: 100.0%
{Maserati, Nike} -> {Oppo, Casio} <=> Confidence: 100.0%
{Maserati, Nike} -> {Oppo, Dior} <=> Confidence: 100.0%
{Casio, Nike} -> {Oppo} <=> Confidence: 100.0%
{Casio, Nike} -> {Oppo, Dior} <=> Confidence: 100.0%
{Casio, Nike} -> {Maserati, Oppo} <=> Confidence: 100.0%
{Maserati, Coach} -> {Casio} <=> Confidence: 100.0%
{Casio, Coach} -> {Maserati} <=> Confidence: 100.0%
{Swiss, ZARA} -> {Casio} <=> Confidence: 50.0%
{Swiss, ZARA} -> {Dunkin} <=> Confidence: 50.0%
{Swiss, ZARA} -> {Rolex} <=> Confidence: 50.0%
{Swiss, ZARA} -> {Dunkin, Casio} <=> Confidence: 50.0%
{Swiss, Casio} -> {ZARA} <=> Confidence: 100.0%
{Swiss, Casio} -> {Dunkin} <=> Confidence: 100.0%
{Swiss, Casio} -> {Dunkin, ZARA} <=> Confidence: 100.0%
{ZARA, Casio} -> {Swiss} <=> Confidence: 100.0%
{ZARA, Casio} -> {Dunkin} <=> Confidence: 100.0%
{ZARA, Casio} -> {Swiss, Dunkin} <=> Confidence: 100.0%
{Dunkin, ZARA} -> {Casio} <=> Confidence: 100.0%
{Dunkin, ZARA} -> {Swiss} <=> Confidence: 100.0%
{Dunkin, ZARA} -> {Swiss, Casio} <=> Confidence: 100.0%
{Dunkin, Casio} -> {ZARA} <=> Confidence: 100.0%
{Dunkin, Casio} -> {Swiss} <=> Confidence: 100.0%
{Dunkin, Casio} -> {Swiss, ZARA} <=> Confidence: 100.0%
{Swiss, Dunkin} -> {Casio} <=> Confidence: 100.0%
{Swiss, Dunkin} -> {ZARA} <=> Confidence: 100.0%
{Swiss, Dunkin} -> {ZARA, Casio} <=> Confidence: 100.0%
{KFC, Adidas} -> {Coach} <=> Confidence: 33.33%
{KFC, Adidas} -> {Chanel} <=> Confidence: 33.33%
{KFC, Adidas} -> {BMW} <=> Confidence: 33.33%
{KFC, Adidas} -> {Fossil} <=> Confidence: 33.33%
{KFC, Adidas} -> {Chanel, Coach} <=> Confidence: 33.33%
```

```
{KFC, Adidas} -> {Fossil, BMW} <=> Confidence: 33.33%
{KFC, Coach} -> {Adidas} <=> Confidence: 100.0%
{KFC, Coach} -> {Chanel} <=> Confidence: 100.0%
{KFC, Coach} -> {Adidas, Chanel} <=> Confidence: 100.0%
{Adidas, Coach} -> {KFC} <=> Confidence: 100.0%
{Adidas, Coach} -> {Chanel} <=> Confidence: 100.0%
{Adidas, Coach} -> {KFC, Chanel} <=> Confidence: 100.0%
{KFC, Chanel} -> {Coach} <=> Confidence: 100.0%
{KFC, Chanel} -> {Adidas} <=> Confidence: 100.0%
{KFC, Chanel} -> {Adidas, Coach} <=> Confidence: 100.0%
{Chanel, Coach} -> {KFC} <=> Confidence: 100.0%
{Chanel, Coach} -> {Adidas} <=> Confidence: 100.0%
{Chanel, Coach} -> {KFC, Adidas} <=> Confidence: 100.0%
{Adidas, Chanel} -> {Coach} <=> Confidence: 100.0%
{Adidas, Chanel} -> {KFC} <=> Confidence: 100.0%
{Adidas, Chanel} -> {KFC, Coach} <=> Confidence: 100.0%
\{Swiss, Rolex\} \rightarrow \{ZARA\} \iff Confidence: 100.0\%
\{ZARA, Rolex\} \rightarrow \{Swiss\} \iff Confidence: 100.0\%
{Hermes, Fossil} -> {ZARA} <=> Confidence: 33.33%
{Hermes, Fossil} -> {Swiss} <=> Confidence: 33.33%
{Hermes, Fossil} -> {IHOP} <=> Confidence: 66.67%
{Hermes, Fossil} -> {MG} <=> Confidence: 66.67%
{Hermes, Fossil} -> {Tissot} <=> Confidence: 33.33%
{Hermes, Fossil} -> {Swiss, MG} <=> Confidence: 33.33%
{Hermes, Fossil} -> {Swiss, IHOP} <=> Confidence: 33.33%
{Hermes, Fossil} -> {ZARA, MG} <=> Confidence: 33.33%
{Hermes, Fossil} -> {IHOP, MG} <=> Confidence: 33.33%
{Hermes, Fossil} -> {IHOP, Tissot} <=> Confidence: 33.33%
{Hermes, ZARA} -> {Fossil} <=> Confidence: 100.0%
\{\text{Hermes, ZARA}\} \rightarrow \{\text{MG}\} \iff \text{Confidence: } 100.0\%
{Hermes, ZARA} -> {Fossil, MG} <=> Confidence: 100.0%
{Fossil, ZARA} -> {Hermes} <=> Confidence: 100.0%
{Fossil, ZARA} -> {MG} <=> Confidence: 100.0%
{Fossil, ZARA} -> {Hermes, MG} <=> Confidence: 100.0%
\{Hermes, MG\} \rightarrow \{ZARA\} \iff Confidence: 50.0\%
\{Hermes, MG\} \rightarrow \{Swiss\} \iff Confidence: 50.0\%
\{Hermes, MG\} \rightarrow \{IHOP\} \iff Confidence: 50.0\%
{Hermes, MG} \rightarrow {Fossil} \ll Confidence: 100.0%
{Hermes, MG} -> {Swiss, Fossil} <=> Confidence: 50.0%
{Hermes, MG} -> {Swiss, IHOP} <=> Confidence: 50.0%
{Hermes, MG} -> {Fossil, ZARA} <=> Confidence: 50.0%
{Hermes, MG} -> {IHOP, Fossil} <=> Confidence: 50.0%
{Hermes, MG} -> {IHOP, Fossil, Swiss} <=> Confidence: 50.0%
{ZARA, MG} -> {Hermes} <=> Confidence: 100.0%
{ZARA, MG} -> {Fossil} <=> Confidence: 100.0%
{ZARA, MG} -> {Hermes, Fossil} <=> Confidence: 100.0%
```

```
{Fossil, MG} -> {ZARA} <=> Confidence: 50.0%
{Fossil, MG} -> {Swiss} <=> Confidence: 50.0%
{Fossil, MG} -> {Hermes} <=> Confidence: 100.0%
{Fossil, MG} -> {IHOP} <=> Confidence: 50.0%
{Fossil, MG} -> {Swiss, Hermes} <=> Confidence: 50.0%
{Fossil, MG} -> {Swiss, IHOP} <=> Confidence: 50.0%
{Fossil, MG} -> {Hermes, ZARA} <=> Confidence: 50.0%
{Fossil, MG} -> {Hermes, IHOP} <=> Confidence: 50.0%
{Fossil, MG} -> {IHOP, Swiss, Hermes} <=> Confidence: 50.0%
{Swiss, Hermes} -> {IHOP} <=> Confidence: 100.0%
{Swiss, Hermes} -> {Fossil} <=> Confidence: 100.0%
\{Swiss, Hermes\} \rightarrow \{MG\} \iff Confidence: 100.0\%
{Swiss, Hermes} -> {Fossil, MG} <=> Confidence: 100.0%
{Swiss, Hermes} -> {IHOP, Fossil} <=> Confidence: 100.0%
{Swiss, Hermes} -> {IHOP, MG} <=> Confidence: 100.0%
{Swiss, Hermes} -> {IHOP, Fossil, MG} <=> Confidence: 100.0%
{Swiss, IHOP} -> {Hermes} <=> Confidence: 100.0%
{Swiss, IHOP} -> {Fossil} <=> Confidence: 100.0%
{Swiss, IHOP} -> {MG} <=> Confidence: 100.0%
{Swiss, IHOP} -> {Hermes, Fossil} <=> Confidence: 100.0%
{Swiss, IHOP} -> {Hermes, MG} <=> Confidence: 100.0%
{Swiss, IHOP} -> {Fossil, MG} <=> Confidence: 100.0%
{Hermes, IHOP} -> {Swiss} <=> Confidence: 25.0%
{Hermes, IHOP} -> {Hublot} <=> Confidence: 25.0%
{Hermes, IHOP} -> {Adidas} <=> Confidence: 25.0%
{Hermes, IHOP} -> {BMW} <=> Confidence: 25.0%
{Hermes, IHOP} -> {Fossil} <=> Confidence: 50.0%
{Hermes, IHOP} \rightarrow {MG} \iff Confidence: 25.0%
{Hermes, IHOP} -> {Tissot} <=> Confidence: 25.0%
{Hermes, IHOP} -> {Swiss, Fossil} <=> Confidence: 25.0%
{Hermes, IHOP} -> {Swiss, MG} <=> Confidence: 25.0%
{Hermes, IHOP} -> {Adidas, Hublot} <=> Confidence: 25.0%
{Hermes, IHOP} -> {Adidas, BMW} <=> Confidence: 25.0%
{Hermes, IHOP} -> {Fossil, MG} <=> Confidence: 25.0%
{Hermes, IHOP} -> {Fossil, Tissot} <=> Confidence: 25.0%
{Hermes, IHOP} -> {BMW, Hublot} <=> Confidence: 25.0%
{Swiss, Fossil} -> {Hermes} <=> Confidence: 100.0%
{Swiss, Fossil} -> {IHOP} <=> Confidence: 100.0%
\{Swiss, Fossil\} \rightarrow \{MG\} \iff Confidence: 100.0\%
{Swiss, Fossil} -> {Hermes, MG} <=> Confidence: 100.0%
{Swiss, Fossil} -> {Hermes, IHOP} <=> Confidence: 100.0%
{Swiss, Fossil} -> {IHOP, MG} <=> Confidence: 100.0%
{Swiss, MG} -> {Hermes} <=> Confidence: 100.0%
{Swiss, MG} -> {IHOP} <=> Confidence: 100.0%
{Swiss, MG} -> {Fossil} <=> Confidence: 100.0%
{Swiss, MG} -> {Hermes, Fossil} <=> Confidence: 100.0%
```

```
{Swiss, MG} -> {Hermes, IHOP} <=> Confidence: 100.0%
{Swiss, MG} -> {IHOP, Fossil} <=> Confidence: 100.0%
{Swiss, MG} -> {IHOP, Fossil, Hermes} <=> Confidence: 100.0%
{IHOP, Fossil} -> {Swiss} <=> Confidence: 50.0%
{IHOP, Fossil} -> {Hermes} <=> Confidence: 100.0%
\{IHOP, Fossil\} \rightarrow \{MG\} \iff Confidence: 50.0\%
{IHOP, Fossil} -> {Tissot} <=> Confidence: 50.0%
{IHOP, Fossil} -> {Swiss, Hermes} <=> Confidence: 50.0%
{IHOP, Fossil} -> {Swiss, MG} <=> Confidence: 50.0%
{IHOP, Fossil} -> {Hermes, MG} <=> Confidence: 50.0%
{IHOP, Fossil} -> {Hermes, Tissot} <=> Confidence: 50.0%
{IHOP, Fossil} -> {Swiss, Hermes, MG} <=> Confidence: 50.0%
{IHOP, MG} -> {Swiss} <=> Confidence: 100.0%
{IHOP, MG} -> {Hermes} <=> Confidence: 100.0%
{IHOP, MG} -> {Fossil} <=> Confidence: 100.0%
{IHOP, MG} -> {Swiss, Hermes} <=> Confidence: 100.0%
{IHOP, MG} -> {Swiss, Fossil} <=> Confidence: 100.0%
{IHOP, MG} -> {Hermes, Fossil} <=> Confidence: 100.0%
{IHOP, MG} -> {Fossil, Swiss, Hermes} <=> Confidence: 100.0%
{Omega, Starbucks} -> {Puma} <=> Confidence: 100.0%
{Omega, Starbucks} -> {Chipotle, Puma} <=> Confidence: 100.0%
{Omega, Puma} -> {Starbucks} <=> Confidence: 50.0%
{Omega, Puma} -> {Chipotle} <=> Confidence: 50.0%
{Omega, Puma} -> {Hublot} <=> Confidence: 50.0%
{Omega, Puma} -> {Kia} <=> Confidence: 50.0%
{Omega, Puma} -> {Chipotle, Starbucks} <=> Confidence: 50.0%
{Omega, Puma} -> {Hublot, Kia} <=> Confidence: 50.0%
{Starbucks, Puma} -> {Omega} <=> Confidence: 100.0%
{Starbucks, Puma} -> {Chipotle} <=> Confidence: 100.0%
{Starbucks, Puma} -> {Omega, Chipotle} <=> Confidence: 100.0%
{Starbucks, Chipotle} -> {Puma} <=> Confidence: 100.0%
{Starbucks, Chipotle} -> {Omega} <=> Confidence: 100.0%
{Chipotle, Puma} -> {Starbucks} <=> Confidence: 100.0%
{Chipotle, Puma} -> {Omega} <=> Confidence: 100.0%
{Chipotle, Puma} -> {Omega, Starbucks} <=> Confidence: 100.0%
{Starbucks, Omega} -> {Chipotle} <=> Confidence: 100.0%
{Chipotle, Omega} -> {Starbucks} <=> Confidence: 100.0%
{Omega, Chipotle} -> {Puma} <=> Confidence: 100.0%
{Omega, Chipotle} -> {Starbucks, Puma} <=> Confidence: 100.0%
{Hublot, Omega} -> {Puma} <=> Confidence: 100.0%
{Hublot, Omega} -> {Kia, Puma} <=> Confidence: 100.0%
{Hublot, Puma} -> {Omega} <=> Confidence: 100.0%
{Hublot, Puma} -> {Kia} <=> Confidence: 100.0%
{Hublot, Puma} -> {Omega, Kia} <=> Confidence: 100.0%
{Omega, Kia} -> {Puma} <=> Confidence: 100.0%
{Omega, Kia} -> {Hublot} <=> Confidence: 100.0%
```

```
{Omega, Kia} -> {Hublot, Puma} <=> Confidence: 100.0%
{Kia, Puma} -> {Omega} <=> Confidence: 100.0%
{Kia, Puma} -> {Hublot} <=> Confidence: 100.0%
{Kia, Puma} -> {Hublot, Omega} <=> Confidence: 100.0%
{Hublot, Kia} -> {Puma} <=> Confidence: 100.0%
{Hublot, Kia} -> {Omega, Puma} <=> Confidence: 100.0%
{Omega, Hublot} -> {Kia} <=> Confidence: 100.0%
{Kia, Hublot} -> {Omega} <=> Confidence: 100.0%
{Popeyes, Omega} -> {H&M} <=> Confidence: 100.0%
\{Popeyes, H\&M\} \rightarrow \{Omega\} \iff Confidence: 50.0\%
\{Omega, H\&M\} \rightarrow \{Popeyes\} \iff Confidence: 100.0\%
{Hermes, Adidas} -> {Hublot} <=> Confidence: 100.0%
{Hermes, Adidas} -> {IHOP} <=> Confidence: 100.0%
{Hermes, Adidas} -> {BMW} <=> Confidence: 100.0%
{Hermes, Adidas} -> {IHOP, Hublot} <=> Confidence: 100.0%
{Hermes, Adidas} -> {BMW, IHOP} <=> Confidence: 100.0%
{Hermes, Adidas} -> {BMW, Hublot} <=> Confidence: 100.0%
{Hermes, Adidas} -> {IHOP, Hublot, BMW} <=> Confidence: 100.0%
{Hermes, Hublot} -> {Adidas} <=> Confidence: 100.0%
{Hermes, Hublot} -> {IHOP} <=> Confidence: 100.0%
{Hermes, Hublot} -> {BMW} <=> Confidence: 100.0%
{Hermes, Hublot} -> {Adidas, IHOP} <=> Confidence: 100.0%
{Hermes, Hublot} -> {Adidas, BMW} <=> Confidence: 100.0%
{Hermes, Hublot} -> {IHOP, BMW} <=> Confidence: 100.0%
{Adidas, Hublot} -> {Hermes} <=> Confidence: 100.0%
{Adidas, Hublot} -> {IHOP} <=> Confidence: 100.0%
{Adidas, Hublot} -> {BMW} <=> Confidence: 100.0%
{Adidas, Hublot} -> {Hermes, IHOP} <=> Confidence: 100.0%
{Adidas, Hublot} -> {Hermes, BMW} <=> Confidence: 100.0%
{Adidas, Hublot} -> {IHOP, BMW} <=> Confidence: 100.0%
{IHOP, Adidas} -> {Hublot} <=> Confidence: 100.0%
{IHOP, Adidas} -> {BMW} <=> Confidence: 100.0%
{IHOP, Adidas} -> {BMW, Hublot} <=> Confidence: 100.0%
{IHOP, Adidas} -> {Hublot, Hermes, BMW} <=> Confidence: 100.0%
{IHOP, Hublot} -> {Adidas} <=> Confidence: 100.0%
{IHOP, Hublot} -> {Hermes} <=> Confidence: 100.0%
{IHOP, Hublot} -> {BMW} <=> Confidence: 100.0%
{IHOP, Hublot} -> {Hermes, Adidas} <=> Confidence: 100.0%
{IHOP, Hublot} -> {Adidas, BMW} <=> Confidence: 100.0%
{IHOP, Hublot} -> {Hermes, BMW} <=> Confidence: 100.0%
{IHOP, Hublot} -> {Hermes, Adidas, BMW} <=> Confidence: 100.0%
{Adidas, BMW} -> {Hublot} <=> Confidence: 50.0%
{Adidas, BMW} -> {KFC} <=> Confidence: 50.0%
{Adidas, BMW} -> {Hermes} <=> Confidence: 50.0%
{Adidas, BMW} -> {IHOP} <=> Confidence: 50.0%
{Adidas, BMW} -> {Fossil} <=> Confidence: 50.0%
```

```
{Adidas, BMW} -> {KFC, Fossil} <=> Confidence: 50.0%
{Adidas, BMW} -> {Hermes, IHOP} <=> Confidence: 50.0%
{Adidas, BMW} -> {Hermes, Hublot} <=> Confidence: 50.0%
{Adidas, BMW} -> {IHOP, Hublot} <=> Confidence: 50.0%
{Adidas, BMW} -> {IHOP, Hublot, Hermes} <=> Confidence: 50.0%
{BMW, Hublot} -> {Adidas} <=> Confidence: 100.0%
{BMW, Hublot} -> {Hermes} <=> Confidence: 100.0%
{BMW, Hublot} -> {IHOP} <=> Confidence: 100.0%
{BMW, Hublot} -> {Hermes, Adidas} <=> Confidence: 100.0%
{BMW, Hublot} -> {IHOP, Adidas} <=> Confidence: 100.0%
{BMW, Hublot} -> {Hermes, IHOP} <=> Confidence: 100.0%
{Hermes, BMW} -> {Hublot} <=> Confidence: 100.0%
{Hermes, BMW} -> {Adidas} <=> Confidence: 100.0%
{Hermes, BMW} -> {IHOP} <=> Confidence: 100.0%
{Hermes, BMW} -> {Adidas, IHOP} <=> Confidence: 100.0%
{Hermes, BMW} -> {Adidas, Hublot} <=> Confidence: 100.0%
{Hermes, BMW} -> {IHOP, Hublot} <=> Confidence: 100.0%
{Hermes, BMW} -> {IHOP, Hublot, Adidas} <=> Confidence: 100.0%
{IHOP, BMW} -> {Hublot} <=> Confidence: 100.0%
{IHOP, BMW} -> {Adidas} <=> Confidence: 100.0%
{IHOP, BMW} -> {Hermes} <=> Confidence: 100.0%
{IHOP, BMW} -> {Adidas, Hublot} <=> Confidence: 100.0%
{IHOP, BMW} -> {Hermes, Hublot} <=> Confidence: 100.0%
{IHOP, BMW} -> {Hublot, Hermes, Adidas} <=> Confidence: 100.0%
{Tissot, H&M} -> {Titan} <=> Confidence: 100.0%
{Tissot, H&M} -> {Bugatti} <=> Confidence: 100.0%
{Tissot, H&M} -> {Bugatti, Titan} <=> Confidence: 100.0%
{Tissot, Titan} -> {H&M} <=> Confidence: 100.0%
{Tissot, Titan} -> {Bugatti} <=> Confidence: 100.0%
{Tissot, Titan} -> {Bugatti, H&M} <=> Confidence: 100.0%
{H&M, Titan} -> {Tissot} <=> Confidence: 100.0%
{H&M, Titan} -> {Tissot, Bugatti} <=> Confidence: 100.0%
{Tissot, Bugatti} \rightarrow {H&M} \ll Confidence: 100.0%
{Tissot, Bugatti} -> {Titan} <=> Confidence: 100.0%
{Tissot, Bugatti} -> {H&M, Titan} <=> Confidence: 100.0%
{Bugatti, H&M} -> {Tissot} <=> Confidence: 100.0%
{Bugatti, H&M} -> {Titan} <=> Confidence: 100.0%
{Bugatti, H&M} -> {Tissot, Titan} <=> Confidence: 100.0%
{Titan, Bugatti} -> {H&M} <=> Confidence: 100.0%
{Titan, H&M} -> {Bugatti} <=> Confidence: 100.0%
{FILA, Wendys} -> {Seiko} <=> Confidence: 100.0%
{FILA, Seiko} -> {Wendys} <=> Confidence: 100.0%
{Wendys, Seiko} -> {FILA} <=> Confidence: 100.0%
{KFC, BMW} -> {Adidas} <=> Confidence: 100.0%
{KFC, BMW} -> {Fossil} <=> Confidence: 100.0%
{KFC, BMW} -> {Adidas, Fossil} <=> Confidence: 100.0%
```

```
{KFC, Fossil} -> {Adidas} <=> Confidence: 100.0%
{KFC, Fossil} -> {BMW} <=> Confidence: 100.0%
{KFC, Fossil} -> {Adidas, BMW} <=> Confidence: 100.0%
{Adidas, Fossil} -> {KFC} <=> Confidence: 100.0%
{Adidas, Fossil} -> {KFC, BMW} <=> Confidence: 100.0%
{BMW, Fossil} -> {KFC} <=> Confidence: 100.0%
{Adidas, IHOP} -> {Hermes} <=> Confidence: 100.0%
{Adidas, IHOP} -> {Hermes, Hublot} <=> Confidence: 100.0%
{Adidas, IHOP} -> {Hermes, BMW} <=> Confidence: 100.0%
{Fossil, Adidas} -> {BMW} <=> Confidence: 100.0%
{Fossil, BMW} -> {Adidas} <=> Confidence: 100.0%
{Fossil, BMW} -> {KFC, Adidas} <=> Confidence: 100.0%
{Hermes, Tissot} -> {IHOP} <=> Confidence: 100.0%
{Hermes, Tissot} -> {Fossil} <=> Confidence: 100.0%
{Hermes, Tissot} -> {IHOP, Fossil} <=> Confidence: 100.0%
{IHOP, Tissot} -> {Hermes} <=> Confidence: 100.0%
{IHOP, Tissot} -> {Fossil} <=> Confidence: 100.0%
{IHOP, Tissot} -> {Hermes, Fossil} <=> Confidence: 100.0%
{Tissot, Fossil} -> {Hermes} <=> Confidence: 100.0%
{Tissot, Fossil} -> {IHOP} <=> Confidence: 100.0%
{Chanel, Audi} -> {Subway} <=> Confidence: 100.0%
{Chanel, Audi} -> {Titan} <=> Confidence: 100.0%
{Chanel, Audi} -> {GUCCI} <=> Confidence: 100.0%
{Chanel, Audi} -> {Titan, Subway} <=> Confidence: 100.0%
{Chanel, Audi} -> {Titan, GUCCI} <=> Confidence: 100.0%
{Chanel, Audi} -> {GUCCI, Subway} <=> Confidence: 100.0%
{Chanel, Subway} -> {Audi} <=> Confidence: 100.0%
{Chanel, Subway} -> {Titan} <=> Confidence: 100.0%
{Chanel, Subway} -> {GUCCI} <=> Confidence: 100.0%
{Chanel, Subway} -> {Titan, Audi} <=> Confidence: 100.0%
{Chanel, Subway} -> {Titan, GUCCI} <=> Confidence: 100.0%
{Chanel, Subway} -> {GUCCI, Audi} <=> Confidence: 100.0%
{Chanel, Subway} -> {Titan, GUCCI, Audi} <=> Confidence: 100.0%
{Audi, Subway} -> {Chanel} <=> Confidence: 100.0%
{Audi, Subway} -> {Titan, Chanel} <=> Confidence: 100.0%
{Audi, Subway} -> {GUCCI, Chanel} <=> Confidence: 100.0%
{Audi, Subway} -> {Titan, GUCCI, Chanel} <=> Confidence: 100.0%
{Titan, Chanel} -> {Subway} <=> Confidence: 100.0%
{Titan, Chanel} -> {Audi} <=> Confidence: 100.0%
{Titan, Chanel} -> {GUCCI} <=> Confidence: 100.0%
{Titan, Chanel} -> {Audi, Subway} <=> Confidence: 100.0%
{Titan, Chanel} -> {Audi, GUCCI} <=> Confidence: 100.0%
{Titan, Chanel} -> {Subway, GUCCI} <=> Confidence: 100.0%
{Titan, Chanel} -> {GUCCI, Audi, Subway} <=> Confidence: 100.0%
{Titan, Subway} -> {Chanel} <=> Confidence: 100.0%
{Titan, Subway} -> {Audi} <=> Confidence: 100.0%
```

```
{Titan, Subway} -> {GUCCI} <=> Confidence: 100.0%
{Titan, Subway} -> {Chanel, Audi} <=> Confidence: 100.0%
{Titan, Subway} -> {Chanel, GUCCI} <=> Confidence: 100.0%
{Titan, Subway} -> {Audi, GUCCI} <=> Confidence: 100.0%
{Titan, Subway} -> {GUCCI, Audi, Chanel} <=> Confidence: 100.0%
{GUCCI, Chanel} -> {Subway} <=> Confidence: 100.0%
{GUCCI, Chanel} -> {Audi} <=> Confidence: 100.0%
{GUCCI, Chanel} -> {Audi, Subway} <=> Confidence: 100.0%
{GUCCI, Chanel} -> {Titan, Audi, Subway} <=> Confidence: 100.0%
{GUCCI, Subway} -> {Chanel} <=> Confidence: 100.0%
{GUCCI, Subway} -> {Audi} <=> Confidence: 100.0%
{GUCCI, Subway} -> {Chanel, Audi} <=> Confidence: 100.0%
{GUCCI, Subway} -> {Titan, Audi, Chanel} <=> Confidence: 100.0%
{Titan, Audi} -> {Chanel} <=> Confidence: 100.0%
{Titan, Audi} -> {Subway} <=> Confidence: 100.0%
{Titan, Audi} -> {GUCCI} <=> Confidence: 100.0%
{Titan, Audi} -> {Chanel, Subway} <=> Confidence: 100.0%
{Titan, Audi} -> {Chanel, GUCCI} <=> Confidence: 100.0%
{Titan, Audi} -> {Subway, GUCCI} <=> Confidence: 100.0%
{Titan, Audi} -> {GUCCI, Chanel, Subway} <=> Confidence: 100.0%
{GUCCI, Audi} -> {Chanel} <=> Confidence: 100.0%
{GUCCI, Audi} -> {Subway} <=> Confidence: 100.0%
{GUCCI, Audi} -> {Chanel, Subway} <=> Confidence: 100.0%
{GUCCI, Audi} -> {Titan, Chanel, Subway} <=> Confidence: 100.0%
{Titan, GUCCI} -> {Chanel} <=> Confidence: 100.0%
{Titan, GUCCI} -> {Subway} <=> Confidence: 100.0%
{Titan, GUCCI} -> {Audi} <=> Confidence: 100.0%
{Titan, GUCCI} -> {Chanel, Audi} <=> Confidence: 100.0%
{Titan, GUCCI} -> {Chanel, Subway} <=> Confidence: 100.0%
{Titan, GUCCI} -> {Subway, Audi} <=> Confidence: 100.0%
{Titan, GUCCI} -> {Audi, Chanel, Subway} <=> Confidence: 100.0%
{Chanel, GUCCI} -> {Titan} <=> Confidence: 100.0%
{Chanel, GUCCI} -> {Titan, Audi} <=> Confidence: 100.0%
{Chanel, GUCCI} -> {Titan, Subway} <=> Confidence: 100.0%
{Bugatti, Titan} -> {Tissot} <=> Confidence: 100.0%
{Bugatti, Titan} -> {Tissot, H&M} <=> Confidence: 100.0%
{Subway, Audi} -> {Titan} <=> Confidence: 100.0%
{Subway, Audi} -> {GUCCI} <=> Confidence: 100.0%
{Subway, Audi} -> {Titan, GUCCI} <=> Confidence: 100.0%
{Subway, GUCCI} -> {Titan} <=> Confidence: 100.0%
{Subway, GUCCI} -> {Titan, Chanel} <=> Confidence: 100.0%
{Subway, GUCCI} -> {Titan, Audi} <=> Confidence: 100.0%
{Audi, GUCCI} -> {Titan} <=> Confidence: 100.0%
{Audi, GUCCI} -> {Titan, Chanel} <=> Confidence: 100.0%
{Audi, GUCCI} -> {Titan, Subway} <=> Confidence: 100.0%
{McD, Dominos} -> {Casio, Dior} <=> Confidence: 100.0%
```

```
{McD, Casio} -> {Dominos, Dior} <=> Confidence: 100.0%
{McD, Dominos, Casio} -> {Dior} <=> Confidence: 100.0%
{McD, Dominos, Dior} -> {Casio} <=> Confidence: 100.0%
{McD, Casio, Dior} -> {Dominos} <=> Confidence: 100.0%
{Dominos, Casio, Dior} -> {McD} <=> Confidence: 100.0%
{Maserati, Oppo, Casio} -> {Dior} <=> Confidence: 100.0%
{Maserati, Oppo, Casio} -> {Nike} <=> Confidence: 100.0%
{Maserati, Oppo, Dior} -> {Casio} <=> Confidence: 100.0%
{Maserati, Oppo, Dior} -> {Nike} <=> Confidence: 100.0%
{Maserati, Casio, Dior} -> {Oppo} <=> Confidence: 100.0%
{Maserati, Casio, Dior} -> {Nike} <=> Confidence: 100.0%
{Oppo, Casio, Dior} -> {Maserati} <=> Confidence: 100.0%
{Oppo, Casio, Dior} -> {Nike} <=> Confidence: 100.0%
{Oppo, Casio, Nike} -> {Dior} <=> Confidence: 100.0%
{Oppo, Casio, Nike} -> {Maserati} <=> Confidence: 100.0%
{Oppo, Nike, Dior} -> {Casio} <=> Confidence: 100.0%
{Oppo, Nike, Dior} -> {Maserati} <=> Confidence: 100.0%
{Oppo, Nike, Dior} -> {Maserati, Casio} <=> Confidence: 100.0%
{Casio, Nike, Dior} -> {Oppo} <=> Confidence: 100.0%
{Maserati, Nike, Casio} -> {Dior} <=> Confidence: 100.0%
{Maserati, Nike, Dior} -> {Casio} <=> Confidence: 100.0%
{Maserati, Nike, Dior} -> {Oppo} <=> Confidence: 100.0%
{Nike, Casio, Dior} -> {Maserati} <=> Confidence: 100.0%
{Maserati, Oppo, Nike} -> {Casio} <=> Confidence: 100.0%
{Maserati, Oppo, Nike} -> {Dior} <=> Confidence: 100.0%
{Maserati, Casio, Nike} -> {Oppo} <=> Confidence: 100.0%
{Swiss, Dunkin, ZARA} -> {Casio} <=> Confidence: 100.0%
{Swiss, Dunkin, Casio} -> {ZARA} <=> Confidence: 100.0%
{Swiss, ZARA, Casio} -> {Dunkin} <=> Confidence: 100.0%
{Dunkin, ZARA, Casio} -> {Swiss} <=> Confidence: 100.0%
{KFC, Adidas, Chanel} -> {Coach} <=> Confidence: 100.0%
{KFC, Adidas, Coach} -> {Chanel} <=> Confidence: 100.0%
{KFC, Chanel, Coach} -> {Adidas} <=> Confidence: 100.0%
{Adidas, Chanel, Coach} -> {KFC} <=> Confidence: 100.0%
{Swiss, Hermes, Fossil} -> {MG} <=> Confidence: 100.0%
{Swiss, Hermes, Fossil} -> {IHOP} <=> Confidence: 100.0%
{Swiss, Hermes, MG} -> {Fossil} <=> Confidence: 100.0%
{Swiss, Hermes, MG} -> {IHOP} <=> Confidence: 100.0%
{Swiss, Hermes, MG} -> {IHOP, Fossil} <=> Confidence: 100.0%
{Swiss, Fossil, MG} -> {Hermes} <=> Confidence: 100.0%
{Swiss, Fossil, MG} -> {IHOP} <=> Confidence: 100.0%
{Hermes, Fossil, MG} -> {Swiss} <=> Confidence: 50.0%
{Hermes, Fossil, MG} -> {ZARA} <=> Confidence: 50.0%
{Hermes, Fossil, MG} -> {IHOP} <=> Confidence: 50.0%
{Swiss, Hermes, IHOP} -> {Fossil} <=> Confidence: 100.0%
{Swiss, Hermes, IHOP} \rightarrow {MG} \iff Confidence: 100.0%
```

```
{Swiss, IHOP, Fossil} -> {Hermes} <=> Confidence: 100.0%
{Swiss, IHOP, Fossil} -> {MG} <=> Confidence: 100.0%
{Hermes, IHOP, Fossil} -> {Swiss} <=> Confidence: 50.0%
{Hermes, IHOP, Fossil} -> {MG} <=> Confidence: 50.0%
{Hermes, IHOP, Fossil} -> {Tissot} <=> Confidence: 50.0%
{Swiss, IHOP, MG} -> {Hermes} <=> Confidence: 100.0%
{Swiss, IHOP, MG} -> {Fossil} <=> Confidence: 100.0%
{Hermes, IHOP, MG} \rightarrow {Swiss} \ll Confidence: 100.0%
{Hermes, IHOP, MG} -> {Fossil} <=> Confidence: 100.0%
{IHOP, Fossil, MG} -> {Swiss} <=> Confidence: 100.0%
{IHOP, Fossil, MG} -> {Hermes} <=> Confidence: 100.0%
{IHOP, Fossil, MG} -> {Swiss, Hermes} <=> Confidence: 100.0%
{Hermes, Fossil, ZARA} -> {MG} <=> Confidence: 100.0%
{Hermes, ZARA, MG} -> {Fossil} <=> Confidence: 100.0%
{Fossil, ZARA, MG} -> {Hermes} <=> Confidence: 100.0%
{KFC, Adidas, Fossil} -> {BMW} <=> Confidence: 100.0%
{KFC, Adidas, BMW} -> {Fossil} <=> Confidence: 100.0%
{KFC, Fossil, BMW} -> {Adidas} <=> Confidence: 100.0%
{Adidas, Fossil, BMW} -> {KFC} <=> Confidence: 100.0%
{Hermes, Adidas, IHOP} -> {Hublot} <=> Confidence: 100.0%
{Hermes, Adidas, IHOP} -> {BMW} <=> Confidence: 100.0%
{Hermes, Adidas, Hublot} -> {IHOP} <=> Confidence: 100.0%
{Hermes, Adidas, Hublot} -> {BMW} <=> Confidence: 100.0%
{Hermes, IHOP, Hublot} -> {Adidas} <=> Confidence: 100.0%
{Hermes, IHOP, Hublot} -> {BMW} <=> Confidence: 100.0%
{Adidas, IHOP, Hublot} -> {Hermes} <=> Confidence: 100.0%
{BMW, IHOP} -> {Hermes, Adidas} <=> Confidence: 100.0%
{Hermes, Adidas, BMW} -> {IHOP} <=> Confidence: 100.0%
{Hermes, Adidas, BMW} -> {Hublot} <=> Confidence: 100.0%
{Hermes, Adidas, BMW} -> {IHOP, Hublot} <=> Confidence: 100.0%
{Hermes, BMW, IHOP} -> {Adidas} <=> Confidence: 100.0%
{Adidas, BMW, IHOP} -> {Hermes} <=> Confidence: 100.0%
{Hermes, BMW, Hublot} -> {Adidas} <=> Confidence: 100.0%
{Hermes, BMW, Hublot} -> {IHOP} <=> Confidence: 100.0%
{Adidas, BMW, Hublot} -> {Hermes} <=> Confidence: 100.0%
{Adidas, BMW, Hublot} -> {IHOP} <=> Confidence: 100.0%
{IHOP, Adidas, BMW} -> {Hublot} <=> Confidence: 100.0%
{IHOP, Adidas, BMW} -> {Hublot, Hermes} <=> Confidence: 100.0%
{IHOP, Adidas, Hublot} -> {BMW} <=> Confidence: 100.0%
{IHOP, BMW, Hublot} -> {Adidas} <=> Confidence: 100.0%
{IHOP, BMW, Hublot} -> {Hermes} <=> Confidence: 100.0%
{Titan, Chanel, Audi} -> {Subway} <=> Confidence: 100.0%
{Titan, Chanel, Audi} -> {GUCCI} <=> Confidence: 100.0%
{Titan, Chanel, Subway} -> {Audi} <=> Confidence: 100.0%
{Titan, Chanel, Subway} -> {GUCCI} <=> Confidence: 100.0%
{Titan, Chanel, Subway} -> {GUCCI, Audi} <=> Confidence: 100.0%
```

```
{Titan, Audi, Subway} -> {Chanel} <=> Confidence: 100.0%
{Titan, Audi, Subway} -> {GUCCI, Chanel} <=> Confidence: 100.0%
{Chanel, Audi, Subway} -> {Titan} <=> Confidence: 100.0%
{Chanel, Audi, Subway} -> {GUCCI} <=> Confidence: 100.0%
{Titan, Chanel, GUCCI} -> {Audi} <=> Confidence: 100.0%
{Titan, Chanel, GUCCI} -> {Subway} <=> Confidence: 100.0%
{Titan, Audi, GUCCI} -> {Chanel} <=> Confidence: 100.0%
{Titan, Audi, GUCCI} -> {Subway} <=> Confidence: 100.0%
{Chanel, Audi, GUCCI} -> {Titan} <=> Confidence: 100.0%
{Titan, Subway, GUCCI} -> {Chanel} <=> Confidence: 100.0%
{Titan, Subway, GUCCI} -> {Audi} <=> Confidence: 100.0%
{Chanel, Subway, GUCCI} -> {Titan} <=> Confidence: 100.0%
{GUCCI, Chanel, Audi} -> {Subway} <=> Confidence: 100.0%
{GUCCI, Chanel, Subway} -> {Audi} <=> Confidence: 100.0%
{GUCCI, Chanel, Subway} -> {Titan, Audi} <=> Confidence: 100.0%
{GUCCI, Audi, Subway} -> {Chanel} <=> Confidence: 100.0%
{GUCCI, Audi, Subway} -> {Titan, Chanel} <=> Confidence: 100.0%
{Fossil, Tissot} -> {Hermes, IHOP} <=> Confidence: 100.0%
{Hermes, IHOP, Tissot} -> {Fossil} <=> Confidence: 100.0%
{Hermes, Fossil, Tissot} -> {IHOP} <=> Confidence: 100.0%
{IHOP, Fossil, Tissot} -> {Hermes} <=> Confidence: 100.0%
{Hermes, IHOP, BMW} -> {Hublot} <=> Confidence: 100.0%
{Chipotle, Starbucks} -> {Omega, Puma} <=> Confidence: 100.0%
{Omega, Chipotle, Starbucks} -> {Puma} <=> Confidence: 100.0%
{Omega, Chipotle, Puma} -> {Starbucks} <=> Confidence: 100.0%
{Omega, Starbucks, Puma} -> {Chipotle} <=> Confidence: 100.0%
{Chipotle, Starbucks, Puma} -> {Omega} <=> Confidence: 100.0%
{Hublot, Omega, Kia} -> {Puma} <=> Confidence: 100.0%
{Hublot, Omega, Puma} -> {Kia} <=> Confidence: 100.0%
{Hublot, Kia, Puma} -> {Omega} <=> Confidence: 100.0%
{Omega, Kia, Puma} -> {Hublot} <=> Confidence: 100.0%
{Tissot, Bugatti, H&M} -> {Titan} <=> Confidence: 100.0%
{Tissot, Bugatti, Titan} -> {H&M} <=> Confidence: 100.0%
{Tissot, H&M, Titan} -> {Bugatti} <=> Confidence: 100.0%
{Bugatti, H&M, Titan} -> {Tissot} <=> Confidence: 100.0%
{Titan, Subway, Audi} -> {GUCCI} <=> Confidence: 100.0%
{Subway, Audi, GUCCI} -> {Titan} <=> Confidence: 100.0%
{Oppo, Maserati} -> {Nike, Dior, Casio} <=> Confidence: 100.0%
{Nike, Maserati} -> {Oppo, Dior, Casio} <=> Confidence: 100.0%
{Dior, Maserati} -> {Oppo, Nike, Casio} <=> Confidence: 100.0%
{Dior, Casio} -> {Oppo, Nike, Maserati} <=> Confidence: 50.0%
{Oppo, Nike, Maserati} -> {Dior, Casio} <=> Confidence: 100.0%
{Oppo, Nike, Casio} -> {Dior, Maserati} <=> Confidence: 100.0%
{Oppo, Dior, Maserati} -> {Nike, Casio} <=> Confidence: 100.0%
{Oppo, Dior, Casio} -> {Nike, Maserati} <=> Confidence: 100.0%
{Oppo, Maserati, Casio} -> {Nike, Dior} <=> Confidence: 100.0%
```

```
{Nike, Dior, Maserati} -> {Oppo, Casio} <=> Confidence: 100.0%
{Nike, Dior, Casio} -> {Oppo, Maserati} <=> Confidence: 100.0%
{Nike, Maserati, Casio} -> {Oppo, Dior} <=> Confidence: 100.0%
{Dior, Maserati, Casio} -> {Oppo, Nike} <=> Confidence: 100.0%
{Oppo, Nike, Dior, Maserati} -> {Casio} <=> Confidence: 100.0%
{Oppo, Nike, Dior, Casio} -> {Maserati} <=> Confidence: 100.0%
{Oppo, Nike, Maserati, Casio} -> {Dior} <=> Confidence: 100.0%
{Oppo, Dior, Maserati, Casio} -> {Nike} <=> Confidence: 100.0%
{Nike, Dior, Maserati, Casio} -> {Oppo} <=> Confidence: 100.0%
{IHOP, Swiss} -> {Fossil, Hermes, MG} <=> Confidence: 100.0%
{IHOP, Hermes} -> {Fossil, Swiss, MG} <=> Confidence: 25.0%
{IHOP, Hermes} -> {Hublot, Adidas, BMW} <=> Confidence: 25.0%
{Fossil, Swiss} -> {IHOP, Hermes, MG} <=> Confidence: 100.0%
{Fossil, Hermes} -> {IHOP, Swiss, MG} <=> Confidence: 33.33%
{IHOP, Fossil, Swiss} -> {Hermes, MG} <=> Confidence: 100.0%
{IHOP, Fossil, Hermes} -> {Swiss, MG} <=> Confidence: 50.0%
{IHOP, Swiss, Hermes} -> {Fossil, MG} <=> Confidence: 100.0%
{IHOP, Swiss, MG} -> {Fossil, Hermes} <=> Confidence: 100.0%
{IHOP, Hermes, MG} -> {Fossil, Swiss} <=> Confidence: 100.0%
{Fossil, Swiss, Hermes} -> {IHOP, MG} <=> Confidence: 100.0%
{Fossil, Swiss, MG} -> {IHOP, Hermes} <=> Confidence: 100.0%
{Fossil, Hermes, MG} -> {IHOP, Swiss} <=> Confidence: 50.0%
{IHOP, Fossil, Swiss, Hermes} -> {MG} <=> Confidence: 100.0%
{IHOP, Fossil, Swiss, MG} -> {Hermes} <=> Confidence: 100.0%
{IHOP, Fossil, Hermes, MG} -> {Swiss} <=> Confidence: 100.0%
{IHOP, Swiss, Hermes, MG} -> {Fossil} <=> Confidence: 100.0%
{Fossil, Swiss, Hermes, MG} -> {IHOP} <=> Confidence: 100.0%
{Hublot, Hermes} -> {IHOP, Adidas, BMW} <=> Confidence: 100.0%
{Hublot, Adidas} -> {IHOP, Hermes, BMW} <=> Confidence: 100.0%
{Hublot, BMW} -> {IHOP, Hermes, Adidas} <=> Confidence: 100.0%
{IHOP, Hublot, Hermes} -> {Adidas, BMW} <=> Confidence: 100.0%
{IHOP, Hublot, Adidas} -> {Hermes, BMW} <=> Confidence: 100.0%
{IHOP, Hublot, BMW} -> {Hermes, Adidas} <=> Confidence: 100.0%
{IHOP, Hermes, Adidas} -> {Hublot, BMW} <=> Confidence: 100.0%
{IHOP, Hermes, BMW} -> {Hublot, Adidas} <=> Confidence: 100.0%
{Hublot, Hermes, Adidas} -> {IHOP, BMW} <=> Confidence: 100.0%
{Hublot, Hermes, BMW} -> {IHOP, Adidas} <=> Confidence: 100.0%
{Hublot, Adidas, BMW} -> {IHOP, Hermes} <=> Confidence: 100.0%
{IHOP, Hublot, Hermes, Adidas} -> {BMW} <=> Confidence: 100.0%
{IHOP, Hublot, Hermes, BMW} -> {Adidas} <=> Confidence: 100.0%
{IHOP, Hublot, Adidas, BMW} -> {Hermes} <=> Confidence: 100.0%
{IHOP, Hermes, Adidas, BMW} -> {Hublot} <=> Confidence: 100.0%
{Hublot, Hermes, Adidas, BMW} -> {IHOP} <=> Confidence: 100.0%
{Audi, Chanel} -> {Titan, GUCCI, Subway} <=> Confidence: 100.0%
{Titan, GUCCI, Audi} -> {Chanel, Subway} <=> Confidence: 100.0%
{Titan, GUCCI, Chanel} -> {Audi, Subway} <=> Confidence: 100.0%
```

```
{Titan, GUCCI, Subway} -> {Audi, Chanel} <=> Confidence: 100.0%

{Titan, Audi, Chanel} -> {GUCCI, Subway} <=> Confidence: 100.0%

{GUCCI, Audi, Chanel} -> {Titan, Subway} <=> Confidence: 100.0%

{Audi, Chanel, Subway} -> {Titan, GUCCI} <=> Confidence: 100.0%

{Titan, GUCCI, Audi, Chanel} -> {Subway} <=> Confidence: 100.0%

{Titan, GUCCI, Audi, Subway} -> {Chanel} <=> Confidence: 100.0%

{Titan, GUCCI, Chanel, Subway} -> {Audi} <=> Confidence: 100.0%

{Titan, Audi, Chanel, Subway} -> {GUCCI} <=> Confidence: 100.0%

{GUCCI, Audi, Chanel, Subway} -> {Titan} <=> Confidence: 100.0%

Total Time taken for Computation using Brute Force: 0.678366041183472
```

Database 3:

```
import pandas as pd
import time
from itertools import combinations
import math
db1 = pd.read_csv('d:/3.csv', header = None)
print("Database 3:")
orint(db1)
print()
db1_l = db1.values.tolist() #Converting CSV to List
db1 list = []
for i in db1_l:
 1 = []
  for j in i:
   if type(j) == str: #Removing Nan values (Not A Number) from Transactions
      j = j.strip()
      1.append(j)
 db1 list.append(1)
print("Transactions After Removing Redundancy:")
for i in db1 list:
 print(i)
print()
total_transactions = len(db1_list) #Total No. of. Transactions
min_support = float(input("Minimum Support (In %): "))
min_confidence = float(input("Minimum Confidence (In %): "))
start time = time.time() #Stores particular instance of time immediately after
triggering the program
s = total_transactions * (min_support / 100) #Converting min_support from
percentage to float
size = 0
ans = []
flist = []
items = []
association_rules = {}
def freq(list_1): #Function to calculate frequency
 f = \{\}
```

```
if size == 0:
    for i in list_l:
      for j in i:
        if j not in f.keys():
          f[j] = 1
          items.append(j)
        else:
          f[j] = f[j] + 1
  elif size>0:
    for i in list_l:
      if i not in f.keys():
        f[i] = 1
      else:
        f[i] += 1
  flist.append(f)
def checkminsup(list_1):
  1=[]
  freq(list 1)
  for i in flist[size].keys():
    1.append(i)
  ans.append(1)
def unique_items(list_1): #Function to return all the unique items
  1 = []
  if size == 1:
   l = list_1
  else:
    for i in list 1:
      for j in i:
        if j not in 1:
          1.append(j)
def calc_sup(count_itemset, count_total): #Function that computes support
 temp s = 100 * (count itemset / count total)
  return temp_s
def calc_conf(count_LHSRHS, count_LHS): #Function that computes confidence
  temp_c = 100 * (count_LHSRHS / count_LHS)
  return temp_c
def fact(a, b): # Return Factorial for Total No of Combinations
  return math.factorial(a)/math.factorial(b)
```

```
def calc_confidence(): #Stores all the subsets of frequent itemsets to
calculate confidence
 for item in fans:
   if (len(item)) < 2: #Confidence cannot be computed for Itemsets of size 1
      continue
   for i in range(1, len(item)):
      LHS = [] #Stores LHS part of the Association Rule
      RHS = [] #Stores RHS part of the Association Rule
      idx = [] #Stores the position of index in the LHS part
      for j in range(i):
        idx.append(j)
      for j in idx:
        LHS.append(item[j])
      for j in range(len(item)):
        if j not in idx:
          RHS.append(item[j])
      total_count = 0 #Total No. of. Transactions in the Database
      LHS count = 0 #Total No. of. Occurences of the item in the LHS part
      for ITEM in range(len(db1_list)):
        if (all(x in db1_list[ITEM] for x in LHS)):
          LHS count += 1
          if (all(x in db1 list[ITEM] for x in RHS)):
            total_count += 1
      temp c = calc conf(calc sup(total count, total transactions),
calc_sup(LHS_count, total_transactions))
      if temp_c >= min_confidence: #Eliminates Association Rules if confidence
< min_confidence</pre>
       key = ""
        val = ""
        for j in LHS:
          key += " " + j
        key = key.strip()
        for j in RHS:
         val += " " + j
        val = val.strip()
        if key in association_rules.keys():
          association rules[key].append([val, round(temp c, 2)])
```

```
else:
          1 = []
          1.append([val, round(temp_c, 2)])
          association_rules[key] = 1
      last_idx = len(idx) - 1
      total_combinations = fact(len(item), i)
      while total_combinations:
        LHS = [] #Emptying LHS
        RHS = [] #Emptying RHS
        for j in range(i-1, -1, -1):
          if (idx[j] < (len(item)-(last_idx-j)-1)):</pre>
            t_idx = idx[j] + 1
            for k in range(j, i):
              idx[k] = t_idx
              t_idx += 1
            break
          else:
            continue
        for j in idx: #Stores LHS
          LHS.append(item[j])
        for j in range(len(item)): #Stores RHS
          if j not in idx:
            RHS.append(item[j])
        total_count = 0 #Total No. of. Transactions in the Database
        LHS_count = 0 #Total No. of. Occurences of the item in the LHS part
        for ITEM in range(len(db1 list)):
          if (all(x in db1_list[ITEM] for x in LHS)):
            LHS count += 1
            if (all(x in db1_list[ITEM] for x in RHS)):
              total_count += 1
        temp_c = calc_conf(calc_sup(total_count, total_transactions),
calc_sup(LHS_count, total_transactions))
        if temp_c < min_confidence:</pre>
          total_combinations -= 1
          continue
```

```
key = "" #Ignores Association Rules if confidence < min_confidence</pre>
        val = ""
        for j in LHS:
          key += " " + j
        key = key.strip()
        for j in RHS:
          val += " " + j
        val = val.strip()
        if key in association_rules.keys():
          if (val not in [item[0] for item in association_rules[key]]):
            association rules[key].append([val, round(temp_c, 2)])
        else:
          temp = []
          temp.append([val, round(temp_c, 2)])
          association_rules[key] = temp
        total_combinations -= 1
if size == 0:
  checkminsup(db1_list) #Helps in identifying Frequent Itemsets of size 1
  size += 1
while len(ans[-1]) > 0: #Helps in identifying Frequent Itemsets of size > 1
  newl1 = unique items(ans[size-1])
  newl1 = combinations(newl1, size+1)
  newl1 = list(newl1)
 f1 = []
  for i in newl1:
    for j in db1 list:
      condition = set(i).issubset(set(j))
      if condition:
        fl.append(frozenset(i))
  checkminsup(fl)
  size += 1
for i in range(len(ans)-1): #Printing all the possible Frequent Itemsets
  print("\nFrequent Itemset", end = "")
 if len(ans[i]) > 1:
    print("s", end = "")
  print(" of Size", i+1, "Satisfying Minimum Support Condition", end = ":\n")
  if i == 0:
    for j in ans[i]:
      fval = flist[i][j]
      print("{", end = "")
      print(j, end = "")
```

```
print("}:", fval)
  else:
    for j in ans[i]:
      fval = flist[i][j]
      k = list(j)
      print("{", end = "")
      for 1 in k[:-1]:
        print(1, end = ", ")
      print(k[-1], end = "}: ")
      print(fval)
fans = []
for i in range(len(ans)):
 if i == 0:
    for j in ans[i]:
     fans.append([j])
  else:
    for j in ans[i]:
      k = list(j)
      fans.append(k)
if(ans[1] != []): #Calculating confidence of all the possible itemsets
  calc_confidence()
  print("\nConfidence of all the Possible Association Rules:")
  for key in association_rules:
    for value in association rules[key]:
      print("{", end = "")
      for j in key:
          print(", ", end = "")
        else:
          print(j, end = "")
      print(") -> {", end = "")
      for j in range(len(value[0])):
        if value[0][j] == " ":
          if j==0:
            continue
          else:
            print(end = ", ")
        else:
          print(value[0][j], end = "")
      print(") <=> Confidence: " + str(value[1]) + "%")
total_time=time.time()-start_time
print("\nTotal Time taken for Computation using Brute Force:",total_time)
```

Output:

```
Database 3:
                 2
      0
            1
                       3
                            4
                                   5
0
    Seiko Casio
                   Dior Dominos
                                    NaN
                                             NaN
    Apple Suzuki
1
                   Rolex
                            NaN
                                    NaN
                                            NaN
2
   OnePlus
             Audi
                            NaN
                                   NaN
                                            NaN
                    Titan
3
    IOOO Tesla Coach
                             NaN
                                    NaN
                                             NaN
4
    Tesla Coach Chanel Subway
                                     NaN
                                              NaN
5
     BMW Hublot Adidas
                              KFC
                                     NaN
                                              NaN
6
     MG Fossil Hermes
                            IHOP
                                    NaN
                                             NaN
7
     Tata Swiss
                   ZARA Dunkin
                                    NaN
                                             NaN
8
   Hublot Apple Suzuki Rolex Nike
                                            McD
9
   Fossil OnePlus
                           Titan GUCCI Starbucks
                    Audi
10
                    Tesla Coach Chanel
    Swiss
             IQOO
                                            Subway
11
    Tissot
             H&M
                      NaN
                             NaN
                                     NaN
                                             NaN
    Tesla Chanel Subway
12
                              NaN
                                     NaN
                                              NaN
13
      BMW Adidas
                       KFC
                              NaN
                                     NaN
                                              NaN
14
      MG Hermes
                     IHOP
                              NaN
                                     NaN
                                              NaN
            ZARA Dunkin
15
     Tata
                              NaN
                                     NaN
                                              NaN
16 Bugatti
             H&M Popeyes
                               NaN
                                      NaN
                                               NaN
17 Maserati
              Dior Dominos
                              NaN
                                      NaN
                                              NaN
18
     Apple Suzuki
                    Rolex
                             NaN
                                    NaN
                                             NaN
19 OnePlus
                    Titan
              Audi
                             NaN
                                    NaN
                                             NaN
Transactions After Removing Redundancy:
['Seiko', 'Casio', 'Dior', 'Dominos']
['Apple', 'Suzuki', 'Rolex']
['OnePlus', 'Audi', 'Titan']
['IQOO', 'Tesla', 'Coach']
['Tesla', 'Coach', 'Chanel', 'Subway']
['BMW', 'Hublot', 'Adidas', 'KFC']
['MG', 'Fossil', 'Hermes', 'IHOP']
['Tata', 'Swiss', 'ZARA', 'Dunkin']
['Hublot', 'Apple', 'Suzuki', 'Rolex', 'Nike', 'McD']
['Fossil', 'OnePlus', 'Audi', 'Titan', 'GUCCI', 'Starbucks']
['Swiss', 'IQOO', 'Tesla', 'Coach', 'Chanel', 'Subway']
['Tissot', 'H&M']
['Tesla', 'Chanel', 'Subway']
['BMW', 'Adidas', 'KFC']
['MG', 'Hermes', 'IHOP']
['Tata', 'ZARA', 'Dunkin']
['Bugatti', 'H&M', 'Popeyes']
['Maserati', 'Dior', 'Dominos']
['Apple', 'Suzuki', 'Rolex']
['OnePlus', 'Audi', 'Titan']
```

```
Minimum Support (In %): 15
Minimum Confidence (In %): 15
Frequent Itemsets of Size 1 Satisfying Minimum Support Condition:
{Seiko}: 1
{Casio}: 1
{Dior}: 2
{Dominos}: 2
{Apple}: 3
{Suzuki}: 3
{Rolex}: 3
{OnePlus}: 3
{Audi}: 3
{Titan}: 3
{IQOO}: 2
{Tesla}: 4
{Coach}: 3
{Chanel}: 3
{Subway}: 3
{BMW}: 2
{Hublot}: 2
{Adidas}: 2
{KFC}: 2
{MG}: 2
{Fossil}: 2
{Hermes}: 2
{IHOP}: 2
{Tata}: 2
{Swiss}: 2
{ZARA}: 2
{Dunkin}: 2
{Nike}: 1
{McD}: 1
{GUCCI}: 1
{Starbucks}: 1
{Tissot}: 1
{H&M}: 2
{Bugatti}: 1
{Popeyes}: 1
{Maserati}: 1
Frequent Itemsets of Size 2 Satisfying Minimum Support Condition:
{Seiko, Casio}: 1
{Seiko, Dior}: 1
{Seiko, Dominos}: 1
{Dior, Casio}: 1
```

```
{Casio, Dominos}: 1
{Dior, Dominos}: 2
{Dior, Maserati}: 1
{Dominos, Maserati}: 1
{Suzuki, Apple}: 3
{Rolex, Apple}: 3
{Hublot, Apple}: 1
{Nike, Apple}: 1
{McD, Apple}: 1
{Suzuki, Rolex}: 3
{Suzuki, Hublot}: 1
{Suzuki, Nike}: 1
{Suzuki, McD}: 1
{Hublot, Rolex}: 1
{Nike, Rolex}: 1
{Rolex, McD}: 1
{Audi, OnePlus}: 3
{Titan, OnePlus}: 3
{Fossil, OnePlus}: 1
{GUCCI, OnePlus}: 1
{Starbucks, OnePlus}: 1
{Audi, Titan}: 3
{Audi, Fossil}: 1
{Audi, GUCCI}: 1
{Audi, Starbucks}: 1
{Fossil, Titan}: 1
{GUCCI, Titan}: 1
{Starbucks, Titan}: 1
{Tesla, IQOO}: 2
{IQOO, Coach}: 2
{IQOO, Chanel}: 1
{IQOO, Subway}: 1
{IQOO, Swiss}: 1
{Tesla, Coach}: 3
{Tesla, Chanel}: 3
{Tesla, Subway}: 3
{Tesla, Swiss}: 1
{Chanel, Coach}: 2
{Coach, Subway}: 2
{Coach, Swiss}: 1
{Chanel, Subway}: 3
{Chanel, Swiss}: 1
{Subway, Swiss}: 1
{Hublot, BMW}: 1
{Adidas, BMW}: 2
{KFC, BMW}: 2
```

```
{Adidas, Hublot}: 1
{KFC, Hublot}: 1
{Nike, Hublot}: 1
{Hublot, McD}: 1
{KFC, Adidas}: 2
{MG, Fossil}: 1
{Hermes, MG}: 2
{IHOP, MG}: 2
{Hermes, Fossil}: 1
{IHOP, Fossil}: 1
{GUCCI, Fossil}: 1
{Starbucks, Fossil}: 1
{IHOP, Hermes}: 2
{Tata, Swiss}: 1
{Tata, ZARA}: 2
{Dunkin, Tata}: 2
{ZARA, Swiss}: 1
{Dunkin, Swiss}: 1
{Dunkin, ZARA}: 2
{Nike, McD}: 1
{GUCCI, Starbucks}: 1
{H&M, Tissot}: 1
{H&M, Bugatti}: 1
{Popeyes, H&M}: 1
{Popeyes, Bugatti}: 1
Frequent Itemsets of Size 3 Satisfying Minimum Support Condition:
{Dior, Seiko, Casio}: 1
{Seiko, Casio, Dominos}: 1
{Seiko, Dior, Dominos}: 1
{Dior, Casio, Dominos}: 1
{Dior, Dominos, Maserati}: 1
{Suzuki, Rolex, Apple}: 3
{Suzuki, Hublot, Apple}: 1
{Suzuki, Nike, Apple}: 1
{Suzuki, McD, Apple}: 1
{Suzuki, Hublot, Rolex}: 1
{Suzuki, Nike, Rolex}: 1
{Suzuki, Rolex, McD}: 1
{Suzuki, Nike, Hublot}: 1
{Suzuki, Hublot, McD}: 1
{Suzuki, Nike, McD}: 1
{Hublot, Rolex, Apple}: 1
{Nike, Rolex, Apple}: 1
{Rolex, McD, Apple}: 1
{Nike, Hublot, Apple}: 1
```

```
{Hublot, McD, Apple}: 1
{Nike, McD, Apple}: 1
{Nike, Hublot, Rolex}: 1
{Hublot, Rolex, McD}: 1
{Nike, Rolex, McD}: 1
{Nike, Hublot, McD}: 1
{Adidas, Hublot, BMW}: 1
{KFC, Hublot, BMW}: 1
{KFC, Adidas, Hublot}: 1
{Titan, Audi, OnePlus}: 3
{Audi, Fossil, OnePlus}: 1
{Audi, GUCCI, OnePlus}: 1
{Audi, Starbucks, OnePlus}: 1
{Audi, Fossil, Titan}: 1
{Audi, GUCCI, Titan}: 1
{Audi, Starbucks, Titan}: 1
{Audi, GUCCI, Fossil}: 1
{Audi, Starbucks, Fossil}: 1
{Audi, GUCCI, Starbucks}: 1
{Titan, Fossil, OnePlus}: 1
{Titan, GUCCI, OnePlus}: 1
{Titan, Starbucks, OnePlus}: 1
{GUCCI, Fossil, OnePlus}: 1
{Fossil, Starbucks, OnePlus}: 1
{GUCCI, Starbucks, OnePlus}: 1
{GUCCI, Fossil, Titan}: 1
{Fossil, Starbucks, Titan}: 1
{GUCCI, Starbucks, Titan}: 1
{GUCCI, Starbucks, Fossil}: 1
{Hermes, MG, Fossil}: 1
{IHOP, MG, Fossil}: 1
{IHOP, Hermes, Fossil}: 1
{Tesla, IQOO, Coach}: 2
{Tesla, IOOO, Chanel}: 1
{Tesla, IQOO, Subway}: 1
{Tesla, IQOO, Swiss}: 1
{Tesla, Chanel, Coach}: 2
{Tesla, Coach, Subway}: 2
{Tesla, Coach, Swiss}: 1
{Tesla, Chanel, Subway}: 3
{Tesla, Chanel, Swiss}: 1
{Tesla, Subway, Swiss}: 1
{IQOO, Coach, Chanel}: 1
{IQOO, Coach, Subway}: 1
{IQOO, Coach, Swiss}: 1
{IOOO, Subway, Chanel}: 1
```

```
{IQOO, Swiss, Chanel}: 1
{IQOO, Subway, Swiss}: 1
{Chanel, Coach, Subway}: 2
{Chanel, Coach, Swiss}: 1
{Coach, Swiss, Subway}: 1
{Chanel, Subway, Swiss}: 1
{Tata, ZARA, Swiss}: 1
{Dunkin, Tata, Swiss}: 1
{Dunkin, ZARA, Swiss}: 1
{KFC, Adidas, BMW}: 2
{Hermes, IHOP, MG}: 2
{Dunkin, Tata, ZARA}: 2
{Popeyes, H&M, Bugatti}: 1
Frequent Itemsets of Size 4 Satisfying Minimum Support Condition:
{Seiko, Dior, Casio, Dominos}: 1
{Suzuki, Hublot, Rolex, Apple}: 1
{Suzuki, Nike, Rolex, Apple}: 1
{Suzuki, Rolex, McD, Apple}: 1
{Suzuki, Nike, Hublot, Rolex}: 1
{Suzuki, Hublot, Rolex, McD}: 1
{Suzuki, Nike, Rolex, McD}: 1
{Suzuki, Nike, Hublot, Apple}: 1
{Suzuki, Hublot, McD, Apple}: 1
{Suzuki, Nike, McD, Apple}: 1
{Suzuki, Nike, Hublot, McD}: 1
{Nike, Hublot, Rolex, Apple}: 1
{Hublot, Rolex, McD, Apple}: 1
{Nike, Rolex, McD, Apple}: 1
{Nike, Hublot, Rolex, McD}: 1
{Nike, Hublot, McD, Apple}: 1
{KFC, Adidas, Hublot, BMW}: 1
{Audi, Fossil, OnePlus, Titan}: 1
{Audi, GUCCI, OnePlus, Titan}: 1
{Audi, Starbucks, OnePlus, Titan}: 1
{Audi, GUCCI, Fossil, Titan}: 1
{Audi, Fossil, Starbucks, Titan}: 1
{Audi, GUCCI, Starbucks, Titan}: 1
{GUCCI, Fossil, OnePlus, Titan}: 1
{Fossil, OnePlus, Starbucks, Titan}: 1
{GUCCI, Starbucks, OnePlus, Titan}: 1
{GUCCI, Fossil, Starbucks, Titan}: 1
{Audi, GUCCI, Fossil, OnePlus}: 1
{Audi, Fossil, Starbucks, OnePlus}: 1
{Audi, GUCCI, Starbucks, OnePlus}: 1
{Audi, GUCCI, Starbucks, Fossil}: 1
```

```
{GUCCI, Fossil, Starbucks, OnePlus}: 1
{MG, IHOP, Hermes, Fossil}: 1
{Tesla, IOOO, Coach, Chanel}: 1
{Tesla, IQOO, Coach, Subway}: 1
{Tesla, IQOO, Coach, Swiss}: 1
{Tesla, IQOO, Subway, Chanel}: 1
{Tesla, IQOO, Swiss, Chanel}: 1
{Tesla, IQOO, Subway, Swiss}: 1
{Tesla, Chanel, Coach, Subway}: 2
{Tesla, Chanel, Coach, Swiss}: 1
{Tesla, Coach, Swiss, Subway}: 1
{Tesla, Chanel, Subway, Swiss}: 1
{IQOO, Coach, Subway, Chanel}: 1
{IQOO, Coach, Swiss, Chanel}: 1
{IQOO, Coach, Swiss, Subway}: 1
{IOOO, Subway, Swiss, Chanel}: 1
{Chanel, Coach, Swiss, Subway}: 1
{Dunkin, Tata, ZARA, Swiss}: 1
Frequent Itemsets of Size 5 Satisfying Minimum Support Condition:
{Rolex, Apple, Nike, Hublot, Suzuki}: 1
{Rolex, Apple, Hublot, McD, Suzuki}: 1
{Rolex, Nike, Hublot, McD, Suzuki}: 1
{Apple, Nike, Hublot, McD, Suzuki}: 1
{Rolex, Apple, Nike, McD, Suzuki}: 1
{Rolex, Apple, Nike, Hublot, McD}: 1
{Audi, Fossil, Titan, OnePlus, GUCCI}: 1
{Audi, Fossil, Titan, Starbucks, OnePlus}: 1
{Audi, Fossil, Starbucks, OnePlus, GUCCI}: 1
{Audi, Titan, Starbucks, Fossil, GUCCI}: 1
{Audi, Titan, Starbucks, OnePlus, GUCCI}: 1
{Fossil, Titan, Starbucks, OnePlus, GUCCI}: 1
{Tesla, Coach, Subway, Chanel, IQOO}: 1
{Tesla, Swiss, Coach, Chanel, IOOO}: 1
{Tesla, Swiss, Coach, Subway, IOOO}: 1
{Tesla, Swiss, Subway, Chanel, IQOO}: 1
{Tesla, Swiss, Coach, Subway, Chanel}: 1
{Swiss, Coach, Subway, Chanel, IOOO}: 1
Frequent Itemsets of Size 6 Satisfying Minimum Support Condition:
{Rolex, Apple, Nike, Hublot, McD, Suzuki}: 1
{Audi, Fossil, Titan, Starbucks, OnePlus, GUCCI}: 1
{Tesla, Swiss, IQOO, Coach, Subway, Chanel}: 1
Confidence of all the Possible Association Rules:
{Seiko} -> {Casio} <=> Confidence: 100.0%
```

```
{Seiko} -> {Dior} <=> Confidence: 100.0%
{Seiko} -> {Dominos} <=> Confidence: 100.0%
{Seiko} -> {Dior, Casio} <=> Confidence: 100.0%
{Seiko} -> {Casio, Dominos} <=> Confidence: 100.0%
{Seiko} -> {Dior, Dominos} <=> Confidence: 100.0%
{Seiko} -> {Dior, Casio, Dominos} <=> Confidence: 100.0%
{Casio} -> {Seiko} <=> Confidence: 100.0%
{Casio} -> {Dior} <=> Confidence: 100.0%
{Casio} -> {Dominos} <=> Confidence: 100.0%
{Casio} -> {Dior, Seiko} <=> Confidence: 100.0%
{Casio} -> {Seiko, Dominos} <=> Confidence: 100.0%
{Casio} -> {Dior, Dominos} <=> Confidence: 100.0%
{Casio} -> {Seiko, Dior, Dominos} <=> Confidence: 100.0%
{Dior} -> {Seiko} <=> Confidence: 50.0%
{Dior} -> {Casio} <=> Confidence: 50.0%
{Dior} -> {Dominos} <=> Confidence: 100.0%
{Dior} -> {Maserati} <=> Confidence: 50.0%
{Dior} -> {Seiko, Casio} <=> Confidence: 50.0%
{Dior} -> {Seiko, Dominos} <=> Confidence: 50.0%
{Dior} -> {Casio, Dominos} <=> Confidence: 50.0%
{Dior} -> {Dominos, Maserati} <=> Confidence: 50.0%
{Dior} -> {Seiko, Casio, Dominos} <=> Confidence: 50.0%
{Dominos} -> {Seiko} <=> Confidence: 50.0%
{Dominos} -> {Casio} <=> Confidence: 50.0%
{Dominos} -> {Dior} <=> Confidence: 100.0%
{Dominos} -> {Maserati} <=> Confidence: 50.0%
{Dominos} -> {Seiko, Casio} <=> Confidence: 50.0%
{Dominos} -> {Seiko, Dior} <=> Confidence: 50.0%
{Dominos} -> {Dior, Casio} <=> Confidence: 50.0%
{Dominos} -> {Dior, Maserati} <=> Confidence: 50.0%
{Dominos} -> {Seiko, Dior, Casio} <=> Confidence: 50.0%
{Maserati} -> {Dior} <=> Confidence: 100.0%
{Maserati} -> {Dominos} <=> Confidence: 100.0%
{Maserati} -> {Dior, Dominos} <=> Confidence: 100.0%
{Suzuki} -> {Apple} <=> Confidence: 100.0%
{Suzuki} -> {Rolex} <=> Confidence: 100.0%
{Suzuki} -> {Hublot} <=> Confidence: 33.33%
{Suzuki} -> {Nike} <=> Confidence: 33.33%
{Suzuki} -> {McD} <=> Confidence: 33.33%
{Suzuki} -> {Rolex, Apple} <=> Confidence: 100.0%
{Suzuki} -> {Hublot, Apple} <=> Confidence: 33.33%
{Suzuki} -> {Nike, Apple} <=> Confidence: 33.33%
{Suzuki} -> {McD, Apple} <=> Confidence: 33.33%
{Suzuki} -> {Hublot, Rolex} <=> Confidence: 33.33%
{Suzuki} -> {Nike, Rolex} <=> Confidence: 33.33%
{Suzuki} -> {Rolex, McD} <=> Confidence: 33.33%
```

```
{Suzuki} -> {Nike, Hublot} <=> Confidence: 33.33%
{Suzuki} -> {Hublot, McD} <=> Confidence: 33.33%
{Suzuki} -> {Nike, McD} <=> Confidence: 33.33%
{Suzuki} -> {Hublot, Rolex, Apple} <=> Confidence: 33.33%
{Suzuki} -> {Nike, Rolex, Apple} <=> Confidence: 33.33%
{Suzuki} -> {Rolex, McD, Apple} <=> Confidence: 33.33%
{Suzuki} -> {Nike, Hublot, Rolex} <=> Confidence: 33.33%
{Suzuki} -> {Hublot, Rolex, McD} <=> Confidence: 33.33%
{Suzuki} -> {Nike, Rolex, McD} <=> Confidence: 33.33%
{Suzuki} -> {Nike, Hublot, Apple} <=> Confidence: 33.33%
{Suzuki} -> {Hublot, McD, Apple} <=> Confidence: 33.33%
{Suzuki} -> {Nike, McD, Apple} <=> Confidence: 33.33%
{Suzuki} -> {Nike, Hublot, McD} <=> Confidence: 33.33%
{Suzuki} -> {Rolex, Apple, Nike, Hublot} <=> Confidence: 33.33%
{Suzuki} -> {Rolex, Apple, Hublot, McD} <=> Confidence: 33.33%
{Suzuki} -> {Rolex, Nike, Hublot, McD} <=> Confidence: 33.33%
{Suzuki} -> {Apple, Nike, Hublot, McD} <=> Confidence: 33.33%
{Suzuki} -> {Rolex, Apple, Nike, McD} <=> Confidence: 33.33%
{Suzuki} -> {Rolex, Apple, Nike, Hublot, McD} <=> Confidence: 33.33%
{Apple} -> {Suzuki} <=> Confidence: 100.0%
{Apple} -> {Rolex} <=> Confidence: 100.0%
{Apple} -> {Hublot} <=> Confidence: 33.33%
{Apple} -> {Nike} <=> Confidence: 33.33%
{Apple} -> {McD} <=> Confidence: 33.33%
{Apple} -> {Suzuki, Rolex} <=> Confidence: 100.0%
{Apple} -> {Suzuki, Hublot} <=> Confidence: 33.33%
{Apple} -> {Suzuki, Nike} <=> Confidence: 33.33%
{Apple} -> {Suzuki, McD} <=> Confidence: 33.33%
{Apple} -> {Hublot, Rolex} <=> Confidence: 33.33%
{Apple} -> {Nike, Rolex} <=> Confidence: 33.33%
{Apple} -> {Rolex, McD} <=> Confidence: 33.33%
{Apple} -> {Nike, Hublot} <=> Confidence: 33.33%
{Apple} -> {Hublot, McD} <=> Confidence: 33.33%
{Apple} -> {Nike, McD} <=> Confidence: 33.33%
{Apple} -> {Suzuki, Hublot, Rolex} <=> Confidence: 33.33%
{Apple} -> {Suzuki, Nike, Rolex} <=> Confidence: 33.33%
{Apple} -> {Suzuki, Rolex, McD} <=> Confidence: 33.33%
{Apple} -> {Suzuki, Nike, Hublot} <=> Confidence: 33.33%
{Apple} -> {Suzuki, Hublot, McD} <=> Confidence: 33.33%
{Apple} -> {Suzuki, Nike, McD} <=> Confidence: 33.33%
{Apple} -> {Nike, Hublot, Rolex} <=> Confidence: 33.33%
{Apple} -> {Hublot, Rolex, McD} <=> Confidence: 33.33%
{Apple} -> {Nike, Rolex, McD} <=> Confidence: 33.33%
{Apple} -> {Nike, Hublot, McD} <=> Confidence: 33.33%
{Apple} -> {Rolex, Nike, Hublot, Suzuki} <=> Confidence: 33.33%
{Apple} -> {Rolex, Hublot, McD, Suzuki} <=> Confidence: 33.33%
```

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{Apple} -> {Nike, Hublot, McD, Suzuki} <=> Confidence: 33.33%
{Apple} -> {Rolex, Nike, McD, Suzuki} <=> Confidence: 33.33%
{Apple} -> {Rolex, Nike, Hublot, McD} <=> Confidence: 33.33%
{Apple} -> {Rolex, Nike, Hublot, McD, Suzuki} <=> Confidence: 33.33%
{Rolex} -> {Apple} <=> Confidence: 100.0%
{Rolex} -> {Suzuki} <=> Confidence: 100.0%
{Rolex} -> {Hublot} <=> Confidence: 33.33%
{Rolex} -> {Nike} <=> Confidence: 33.33%
{Rolex} -> {McD} <=> Confidence: 33.33%
{Rolex} -> {Suzuki, Apple} <=> Confidence: 100.0%
{Rolex} -> {Suzuki, Hublot} <=> Confidence: 33.33%
{Rolex} -> {Suzuki, Nike} <=> Confidence: 33.33%
{Rolex} -> {Suzuki, McD} <=> Confidence: 33.33%
{Rolex} -> {Hublot, Apple} <=> Confidence: 33.33%
{Rolex} -> {Nike, Apple} <=> Confidence: 33.33%
\{Rolex\} \rightarrow \{McD, Apple\} \iff Confidence: 33.33\%
{Rolex} -> {Nike, Hublot} <=> Confidence: 33.33%
{Rolex} -> {Hublot, McD} <=> Confidence: 33.33%
{Rolex} -> {Nike, McD} <=> Confidence: 33.33%
{Rolex} -> {Suzuki, Hublot, Apple} <=> Confidence: 33.33%
{Rolex} -> {Suzuki, Nike, Apple} <=> Confidence: 33.33%
{Rolex} -> {Suzuki, McD, Apple} <=> Confidence: 33.33%
{Rolex} -> {Suzuki, Nike, Hublot} <=> Confidence: 33.33%
{Rolex} -> {Suzuki, Hublot, McD} <=> Confidence: 33.33%
{Rolex} -> {Suzuki, Nike, McD} <=> Confidence: 33.33%
{Rolex} -> {Nike, Hublot, Apple} <=> Confidence: 33.33%
{Rolex} -> {Hublot, McD, Apple} <=> Confidence: 33.33%
{Rolex} -> {Nike, McD, Apple} <=> Confidence: 33.33%
{Rolex} -> {Nike, Hublot, McD} <=> Confidence: 33.33%
{Rolex} -> {Apple, Nike, Hublot, Suzuki} <=> Confidence: 33.33%
{Rolex} -> {Apple, Hublot, McD, Suzuki} <=> Confidence: 33.33%
{Rolex} -> {Nike, Hublot, McD, Suzuki} <=> Confidence: 33.33%
{Rolex} -> {Apple, Nike, McD, Suzuki} <=> Confidence: 33.33%
{Rolex} -> {Apple, Nike, Hublot, McD} <=> Confidence: 33.33%
{Rolex} -> {Apple, Nike, Hublot, McD, Suzuki} <=> Confidence: 33.33%
{Hublot} -> {Apple} <=> Confidence: 50.0%
{Hublot} -> {Suzuki} <=> Confidence: 50.0%
{Hublot} -> {Rolex} <=> Confidence: 50.0%
{Hublot} -> {BMW} <=> Confidence: 50.0%
{Hublot} -> {Adidas} <=> Confidence: 50.0%
{Hublot} -> {KFC} <=> Confidence: 50.0%
{Hublot} -> {Nike} <=> Confidence: 50.0%
{Hublot} -> {McD} <=> Confidence: 50.0%
{Hublot} -> {Suzuki, Apple} <=> Confidence: 50.0%
{Hublot} -> {Suzuki, Rolex} <=> Confidence: 50.0%
{Hublot} -> {Suzuki, Nike} <=> Confidence: 50.0%
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{Hublot} -> {Suzuki, McD} <=> Confidence: 50.0%
{Hublot} -> {Rolex, Apple} <=> Confidence: 50.0%
{Hublot} -> {Nike, Apple} <=> Confidence: 50.0%
{Hublot} -> {McD, Apple} <=> Confidence: 50.0%
{Hublot} -> {Nike, Rolex} <=> Confidence: 50.0%
\{Hublot\} \rightarrow \{Rolex, McD\} \iff Confidence: 50.0\%
{Hublot} -> {Nike, McD} <=> Confidence: 50.0%
{Hublot} -> {Adidas, BMW} <=> Confidence: 50.0%
{Hublot} -> {KFC, BMW} <=> Confidence: 50.0%
{Hublot} -> {KFC, Adidas} <=> Confidence: 50.0%
{Hublot} -> {Suzuki, Rolex, Apple} <=> Confidence: 50.0%
{Hublot} -> {Suzuki, Nike, Rolex} <=> Confidence: 50.0%
{Hublot} -> {Suzuki, Rolex, McD} <=> Confidence: 50.0%
{Hublot} -> {Suzuki, Nike, Apple} <=> Confidence: 50.0%
{Hublot} -> {Suzuki, McD, Apple} <=> Confidence: 50.0%
{Hublot} -> {Suzuki, Nike, McD} <=> Confidence: 50.0%
{Hublot} -> {Nike, Rolex, Apple} <=> Confidence: 50.0%
{Hublot} -> {Rolex, McD, Apple} <=> Confidence: 50.0%
{Hublot} -> {Nike, Rolex, McD} <=> Confidence: 50.0%
{Hublot} -> {Nike, McD, Apple} <=> Confidence: 50.0%
{Hublot} -> {KFC, Adidas, BMW} <=> Confidence: 50.0%
{Hublot} -> {Rolex, Apple, Nike, Suzuki} <=> Confidence: 50.0%
{Hublot} -> {Rolex, Apple, McD, Suzuki} <=> Confidence: 50.0%
{Hublot} -> {Rolex, Nike, McD, Suzuki} <=> Confidence: 50.0%
{Hublot} -> {Apple, Nike, McD, Suzuki} <=> Confidence: 50.0%
{Hublot} -> {Rolex, Apple, Nike, McD} <=> Confidence: 50.0%
{Hublot} -> {Rolex, Apple, Nike, McD, Suzuki} <=> Confidence: 50.0%
{Nike} -> {Apple} <=> Confidence: 100.0%
{Nike} -> {Suzuki} <=> Confidence: 100.0%
{Nike} -> {Rolex} <=> Confidence: 100.0%
{Nike} -> {Hublot} <=> Confidence: 100.0%
{Nike} -> {McD} <=> Confidence: 100.0%
{Nike} -> {Suzuki, Apple} <=> Confidence: 100.0%
{Nike} -> {Suzuki, Rolex} <=> Confidence: 100.0%
{Nike} -> {Suzuki, Hublot} <=> Confidence: 100.0%
{Nike} -> {Suzuki, McD} <=> Confidence: 100.0%
{Nike} -> {Rolex, Apple} <=> Confidence: 100.0%
{Nike} -> {Hublot, Apple} <=> Confidence: 100.0%
{Nike} -> {McD, Apple} <=> Confidence: 100.0%
{Nike} -> {Hublot, Rolex} <=> Confidence: 100.0%
{Nike} -> {Rolex, McD} <=> Confidence: 100.0%
{Nike} -> {Hublot, McD} <=> Confidence: 100.0%
{Nike} -> {Suzuki, Rolex, Apple} <=> Confidence: 100.0%
{Nike} -> {Suzuki, Hublot, Rolex} <=> Confidence: 100.0%
{Nike} -> {Suzuki, Rolex, McD} <=> Confidence: 100.0%
{Nike} -> {Suzuki, Hublot, Apple} <=> Confidence: 100.0%
```

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{Nike} -> {Suzuki, McD, Apple} <=> Confidence: 100.0%
{Nike} -> {Suzuki, Hublot, McD} <=> Confidence: 100.0%
{Nike} -> {Hublot, Rolex, Apple} <=> Confidence: 100.0%
{Nike} -> {Rolex, McD, Apple} <=> Confidence: 100.0%
{Nike} -> {Hublot, Rolex, McD} <=> Confidence: 100.0%
{Nike} -> {Hublot, McD, Apple} <=> Confidence: 100.0%
{Nike} -> {Rolex, Apple, Hublot, Suzuki} <=> Confidence: 100.0%
{Nike} -> {Rolex, Hublot, McD, Suzuki} <=> Confidence: 100.0%
{Nike} -> {Apple, Hublot, McD, Suzuki} <=> Confidence: 100.0%
{Nike} -> {Rolex, Apple, McD, Suzuki} <=> Confidence: 100.0%
{Nike} -> {Rolex, Apple, Hublot, McD} <=> Confidence: 100.0%
{Nike} -> {Rolex, Apple, Hublot, McD, Suzuki} <=> Confidence: 100.0%
{McD} -> {Apple} <=> Confidence: 100.0%
{McD} -> {Suzuki} <=> Confidence: 100.0%
{McD} -> {Rolex} <=> Confidence: 100.0%
{McD} -> {Hublot} <=> Confidence: 100.0%
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{Chanel} -> {IQOO, Subway} <=> Confidence: 33.33%
{Chanel} -> {IQOO, Swiss} <=> Confidence: 33.33%
{Chanel} -> {Coach, Subway} <=> Confidence: 66.67%
{Chanel} -> {Coach, Swiss} <=> Confidence: 33.33%
{Chanel} -> {Subway, Swiss} <=> Confidence: 33.33%
{Chanel} -> {Tesla, IQOO, Coach} <=> Confidence: 33.33%
{Chanel} -> {Tesla, IQOO, Subway} <=> Confidence: 33.33%
{Chanel} -> {Tesla, IQOO, Swiss} <=> Confidence: 33.33%
{Chanel} -> {Tesla, Coach, Subway} <=> Confidence: 66.67%
{Chanel} -> {Tesla, Coach, Swiss} <=> Confidence: 33.33%
{Chanel} -> {Tesla, Subway, Swiss} <=> Confidence: 33.33%
{Chanel} -> {IQOO, Coach, Subway} <=> Confidence: 33.33%
{Chanel} -> {IQOO, Coach, Swiss} <=> Confidence: 33.33%
{Chanel} -> {IQOO, Subway, Swiss} <=> Confidence: 33.33%
{Chanel} -> {Coach, Swiss, Subway} <=> Confidence: 33.33%
{Chanel} -> {Tesla, Coach, Subway, IQOO} <=> Confidence: 33.33%
{Chanel} -> {Tesla, Swiss, Coach, IOOO} <=> Confidence: 33.33%
{Chanel} -> {Tesla, Swiss, Subway, IQOO} <=> Confidence: 33.33%
{Chanel} -> {Tesla, Swiss, Coach, Subway} <=> Confidence: 33.33%
{Chanel} -> {Swiss, Coach, Subway, IQOO} <=> Confidence: 33.33%
{Chanel} -> {Tesla, Swiss, IOOO, Coach, Subway} <=> Confidence: 33.33%
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{Subway} -> {Tesla} <=> Confidence: 100.0%
{Subway} -> {Coach} <=> Confidence: 66.67%
{Subway} -> {Chanel} <=> Confidence: 100.0%
{Subway} -> {Swiss} <=> Confidence: 33.33%
{Subway} -> {Tesla, IQOO} <=> Confidence: 33.33%
{Subway} -> {Tesla, Coach} <=> Confidence: 66.67%
{Subway} -> {Tesla, Chanel} <=> Confidence: 100.0%
```

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{Subway} -> {Tesla, Swiss} <=> Confidence: 33.33%
{Subway} -> {IQOO, Coach} <=> Confidence: 33.33%
{Subway} -> {IOOO, Chanel} <=> Confidence: 33.33%
{Subway} -> {IQOO, Swiss} <=> Confidence: 33.33%
{Subway} -> {Chanel, Coach} <=> Confidence: 66.67%
{Subway} -> {Coach, Swiss} <=> Confidence: 33.33%
{Subway} -> {Chanel, Swiss} <=> Confidence: 33.33%
{Subway} -> {Tesla, IQOO, Coach} <=> Confidence: 33.33%
{Subway} -> {Tesla, IQOO, Chanel} <=> Confidence: 33.33%
{Subway} -> {Tesla, IQOO, Swiss} <=> Confidence: 33.33%
{Subway} -> {Tesla, Chanel, Coach} <=> Confidence: 66.67%
{Subway} -> {Tesla, Coach, Swiss} <=> Confidence: 33.33%
{Subway} -> {Tesla, Chanel, Swiss} <=> Confidence: 33.33%
{Subway} -> {IQOO, Coach, Chanel} <=> Confidence: 33.33%
{Subway} -> {IQOO, Coach, Swiss} <=> Confidence: 33.33%
{Subway} -> {IOOO, Swiss, Chanel} <=> Confidence: 33.33%
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{Subway} -> {Tesla, Swiss, Chanel, IQOO} <=> Confidence: 33.33%
{Subway} -> {Tesla, Swiss, Coach, Chanel} <=> Confidence: 33.33%
{Subway} -> {Swiss, Coach, Chanel, IQOO} <=> Confidence: 33.33%
{Subway} -> {Tesla, Swiss, IQOO, Coach, Chanel} <=> Confidence: 33.33%
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{Swiss} -> {Tesla} <=> Confidence: 50.0%
{Swiss} -> {Coach} <=> Confidence: 50.0%
{Swiss} -> {Chanel} <=> Confidence: 50.0%
{Swiss} -> {Subway} <=> Confidence: 50.0%
{Swiss} -> {Tata} <=> Confidence: 50.0%
{Swiss} -> {ZARA} <=> Confidence: 50.0%
{Swiss} -> {Dunkin} <=> Confidence: 50.0%
{Swiss} -> {Tesla, IQOO} <=> Confidence: 50.0%
{Swiss} -> {Tesla, Coach} <=> Confidence: 50.0%
{Swiss} -> {Tesla, Chanel} <=> Confidence: 50.0%
{Swiss} -> {Tesla, Subway} <=> Confidence: 50.0%
{Swiss} -> {IQOO, Coach} <=> Confidence: 50.0%
{Swiss} -> {IQOO, Chanel} <=> Confidence: 50.0%
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{Swiss} -> {Chanel, Coach} <=> Confidence: 50.0%
{Swiss} -> {Coach, Subway} <=> Confidence: 50.0%
{Swiss} -> {Chanel, Subway} <=> Confidence: 50.0%
{Swiss} -> {Tata, ZARA} <=> Confidence: 50.0%
{Swiss} -> {Dunkin, Tata} <=> Confidence: 50.0%
{Swiss} -> {Dunkin, ZARA} <=> Confidence: 50.0%
{Swiss} -> {Tesla, IQOO, Coach} <=> Confidence: 50.0%
{Swiss} -> {Tesla, IQOO, Chanel} <=> Confidence: 50.0%
```

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{Swiss} -> {Tesla, IQOO, Subway} <=> Confidence: 50.0%
{Swiss} -> {Tesla, Chanel, Coach} <=> Confidence: 50.0%
{Swiss} -> {Tesla, Coach, Subway} <=> Confidence: 50.0%
{Swiss} -> {Tesla, Chanel, Subway} <=> Confidence: 50.0%
{Swiss} -> {IQOO, Coach, Chanel} <=> Confidence: 50.0%
{Swiss} -> {IQOO, Coach, Subway} <=> Confidence: 50.0%
{Swiss} -> {IQOO, Subway, Chanel} <=> Confidence: 50.0%
{Swiss} -> {Chanel, Coach, Subway} <=> Confidence: 50.0%
{Swiss} -> {Dunkin, Tata, ZARA} <=> Confidence: 50.0%
{Swiss} -> {Tesla, Coach, Chanel, IQOO} <=> Confidence: 50.0%
{Swiss} -> {Tesla, Coach, Subway, IQOO} <=> Confidence: 50.0%
{Swiss} -> {Tesla, Subway, Chanel, IQOO} <=> Confidence: 50.0%
{Swiss} -> {Tesla, Coach, Subway, Chanel} <=> Confidence: 50.0%
{Swiss} -> {Coach, Subway, Chanel, IQOO} <=> Confidence: 50.0%
{Swiss} -> {Tesla, IQOO, Coach, Subway, Chanel} <=> Confidence: 50.0%
{BMW} -> {Hublot} <=> Confidence: 50.0%
{BMW} -> {Adidas} <=> Confidence: 100.0%
{BMW} -> {KFC} <=> Confidence: 100.0%
{BMW} -> {Adidas, Hublot} <=> Confidence: 50.0%
{BMW} -> {KFC, Hublot} <=> Confidence: 50.0%
{BMW} -> {KFC, Adidas} <=> Confidence: 100.0%
{BMW} -> {KFC, Adidas, Hublot} <=> Confidence: 50.0%
{Adidas} -> {BMW} <=> Confidence: 100.0%
{Adidas} -> {Hublot} <=> Confidence: 50.0%
{Adidas} -> {KFC} <=> Confidence: 100.0%
{Adidas} -> {Hublot, BMW} <=> Confidence: 50.0%
{Adidas} -> {KFC, Hublot} <=> Confidence: 50.0%
{Adidas} -> {KFC, BMW} <=> Confidence: 100.0%
{Adidas} -> {KFC, Hublot, BMW} <=> Confidence: 50.0%
{KFC} -> {BMW} <=> Confidence: 100.0%
{KFC} -> {Hublot} <=> Confidence: 50.0%
{KFC} -> {Adidas} <=> Confidence: 100.0%
{KFC} -> {Hublot, BMW} <=> Confidence: 50.0%
{KFC} -> {Adidas, Hublot} <=> Confidence: 50.0%
{KFC} -> {Adidas, BMW} <=> Confidence: 100.0%
{KFC} -> {Adidas, Hublot, BMW} <=> Confidence: 50.0%
{MG} -> {Fossil} <=> Confidence: 50.0%
{MG} -> {Hermes} <=> Confidence: 100.0%
{MG} -> {IHOP} <=> Confidence: 100.0%
{MG} -> {Hermes, Fossil} <=> Confidence: 50.0%
{MG} -> {IHOP, Fossil} <=> Confidence: 50.0%
{MG} -> {Hermes, IHOP} <=> Confidence: 100.0%
{MG} -> {IHOP, Hermes, Fossil} <=> Confidence: 50.0%
\{Hermes\} -> \{MG\} <=> Confidence: 100.0\%
{Hermes} -> {Fossil} <=> Confidence: 50.0%
{Hermes} -> {IHOP} <=> Confidence: 100.0%
```

```
\{Hermes\} \rightarrow \{MG, Fossil\} \iff Confidence: 50.0\%
{Hermes} -> {IHOP, Fossil} <=> Confidence: 50.0%
{Hermes} -> {IHOP, MG} <=> Confidence: 100.0%
{Hermes} -> {MG, IHOP, Fossil} <=> Confidence: 50.0%
{IHOP} -> {MG} <=> Confidence: 100.0%
{IHOP} -> {Fossil} <=> Confidence: 50.0%
{IHOP} -> {Hermes} <=> Confidence: 100.0%
\{IHOP\} \rightarrow \{MG, Fossil\} \iff Confidence: 50.0\%
{IHOP} -> {Hermes, Fossil} <=> Confidence: 50.0%
{IHOP} -> {Hermes, MG} <=> Confidence: 100.0%
{IHOP} -> {MG, Hermes, Fossil} <=> Confidence: 50.0%
{Tata} -> {Swiss} <=> Confidence: 50.0%
{Tata} -> {ZARA} <=> Confidence: 100.0%
{Tata} -> {Dunkin} <=> Confidence: 100.0%
{Tata} -> {ZARA, Swiss} <=> Confidence: 50.0%
{Tata} -> {Dunkin, Swiss} <=> Confidence: 50.0%
{Tata} -> {Dunkin, ZARA} <=> Confidence: 100.0%
{Tata} -> {Dunkin, ZARA, Swiss} <=> Confidence: 50.0%
{ZARA} -> {Tata} <=> Confidence: 100.0%
{ZARA} -> {Swiss} <=> Confidence: 50.0%
{ZARA} -> {Dunkin} <=> Confidence: 100.0%
{ZARA} -> {Tata, Swiss} <=> Confidence: 50.0%
{ZARA} -> {Dunkin, Swiss} <=> Confidence: 50.0%
{ZARA} -> {Dunkin, Tata} <=> Confidence: 100.0%
{ZARA} -> {Dunkin, Tata, Swiss} <=> Confidence: 50.0%
{Dunkin} -> {Tata} <=> Confidence: 100.0%
{Dunkin} -> {Swiss} <=> Confidence: 50.0%
{Dunkin} -> {ZARA} <=> Confidence: 100.0%
{Dunkin} -> {Tata, Swiss} <=> Confidence: 50.0%
{Dunkin} -> {ZARA, Swiss} <=> Confidence: 50.0%
{Dunkin} -> {Tata, ZARA} <=> Confidence: 100.0%
{Dunkin} -> {Tata, ZARA, Swiss} <=> Confidence: 50.0%
{H&M} -> {Tissot} <=> Confidence: 50.0%
{H&M} -> {Bugatti} <=> Confidence: 50.0%
{H&M} -> {Popeyes} <=> Confidence: 50.0%
{H&M} -> {Popeyes, Bugatti} <=> Confidence: 50.0%
{Tissot} -> {H&M} <=> Confidence: 100.0%
{Bugatti} -> {H&M} <=> Confidence: 100.0%
{Bugatti} -> {Popeyes} <=> Confidence: 100.0%
{Bugatti} -> {Popeyes, H&M} <=> Confidence: 100.0%
{Popeyes} -> {H&M} <=> Confidence: 100.0%
{Popeyes} -> {Bugatti} <=> Confidence: 100.0%
{Popeyes} -> {H&M, Bugatti} <=> Confidence: 100.0%
{Dior, Seiko} -> {Casio} <=> Confidence: 100.0%
{Dior, Casio} -> {Seiko} <=> Confidence: 100.0%
{Dior, Casio} -> {Dominos} <=> Confidence: 100.0%
```

```
{Dior, Casio} -> {Seiko, Dominos} <=> Confidence: 100.0%
{Seiko, Casio} -> {Dior} <=> Confidence: 100.0%
{Seiko, Casio} -> {Dominos} <=> Confidence: 100.0%
{Seiko, Casio} -> {Dior, Dominos} <=> Confidence: 100.0%
{Seiko, Dominos} -> {Casio} <=> Confidence: 100.0%
{Seiko, Dominos} -> {Dior} <=> Confidence: 100.0%
{Seiko, Dominos} -> {Dior, Casio} <=> Confidence: 100.0%
{Casio, Dominos} -> {Seiko} <=> Confidence: 100.0%
{Casio, Dominos} -> {Dior} <=> Confidence: 100.0%
{Casio, Dominos} -> {Seiko, Dior} <=> Confidence: 100.0%
{Seiko, Dior} -> {Dominos} <=> Confidence: 100.0%
{Seiko, Dior} -> {Casio, Dominos} <=> Confidence: 100.0%
{Dior, Dominos} -> {Seiko} <=> Confidence: 50.0%
{Dior, Dominos} -> {Casio} <=> Confidence: 50.0%
{Dior, Dominos} -> {Maserati} <=> Confidence: 50.0%
{Dior, Dominos} -> {Seiko, Casio} <=> Confidence: 50.0%
{Dior, Maserati} -> {Dominos} <=> Confidence: 100.0%
{Dominos, Maserati} -> {Dior} <=> Confidence: 100.0%
{Suzuki, Rolex} -> {Apple} <=> Confidence: 100.0%
{Suzuki, Rolex} -> {Hublot} <=> Confidence: 33.33%
{Suzuki, Rolex} -> {Nike} <=> Confidence: 33.33%
{Suzuki, Rolex} -> {McD} <=> Confidence: 33.33%
{Suzuki, Rolex} -> {Hublot, Apple} <=> Confidence: 33.33%
{Suzuki, Rolex} -> {Nike, Apple} <=> Confidence: 33.33%
{Suzuki, Rolex} -> {McD, Apple} <=> Confidence: 33.33%
{Suzuki, Rolex} -> {Nike, Hublot} <=> Confidence: 33.33%
{Suzuki, Rolex} -> {Hublot, McD} <=> Confidence: 33.33%
{Suzuki, Rolex} -> {Nike, McD} <=> Confidence: 33.33%
{Suzuki, Apple} -> {Rolex} <=> Confidence: 100.0%
{Suzuki, Apple} -> {Hublot} <=> Confidence: 33.33%
{Suzuki, Apple} -> {Nike} <=> Confidence: 33.33%
{Suzuki, Apple} -> {McD} <=> Confidence: 33.33%
{Suzuki, Apple} -> {Hublot, Rolex} <=> Confidence: 33.33%
{Suzuki, Apple} -> {Nike, Rolex} <=> Confidence: 33.33%
{Suzuki, Apple} -> {Rolex, McD} <=> Confidence: 33.33%
{Suzuki, Apple} -> {Nike, Hublot} <=> Confidence: 33.33%
{Suzuki, Apple} -> {Hublot, McD} <=> Confidence: 33.33%
{Suzuki, Apple} -> {Nike, McD} <=> Confidence: 33.33%
{Rolex, Apple} -> {Suzuki} <=> Confidence: 100.0%
{Rolex, Apple} -> {Hublot} <=> Confidence: 33.33%
{Rolex, Apple} -> {Nike} <=> Confidence: 33.33%
{Rolex, Apple} -> {McD} <=> Confidence: 33.33%
{Rolex, Apple} -> {Suzuki, Hublot} <=> Confidence: 33.33%
{Rolex, Apple} -> {Suzuki, Nike} <=> Confidence: 33.33%
{Rolex, Apple} -> {Suzuki, McD} <=> Confidence: 33.33%
{Rolex, Apple} -> {Nike, Hublot} <=> Confidence: 33.33%
```

```
{Rolex, Apple} -> {Hublot, McD} <=> Confidence: 33.33%
{Rolex, Apple} -> {Nike, McD} <=> Confidence: 33.33%
{Rolex, Apple} -> {Nike, Hublot, Suzuki} <=> Confidence: 33.33%
{Rolex, Apple} -> {Hublot, McD, Suzuki} <=> Confidence: 33.33%
{Rolex, Apple} -> {Nike, McD, Suzuki} <=> Confidence: 33.33%
{Rolex, Apple} -> {Nike, Hublot, McD} <=> Confidence: 33.33%
{Rolex, Apple} -> {Nike, Hublot, McD, Suzuki} <=> Confidence: 33.33%
{Suzuki, Hublot} -> {Apple} <=> Confidence: 100.0%
{Suzuki, Hublot} -> {Rolex} <=> Confidence: 100.0%
{Suzuki, Hublot} -> {Nike} <=> Confidence: 100.0%
{Suzuki, Hublot} -> {McD} <=> Confidence: 100.0%
{Suzuki, Hublot} -> {Rolex, Apple} <=> Confidence: 100.0%
{Suzuki, Hublot} -> {Nike, Rolex} <=> Confidence: 100.0%
{Suzuki, Hublot} -> {Rolex, McD} <=> Confidence: 100.0%
{Suzuki, Hublot} -> {Nike, Apple} <=> Confidence: 100.0%
{Suzuki, Hublot} -> {McD, Apple} <=> Confidence: 100.0%
{Suzuki, Hublot} -> {Nike, McD} <=> Confidence: 100.0%
{Hublot, Apple} -> {Suzuki} <=> Confidence: 100.0%
{Hublot, Apple} \rightarrow {Rolex} \iff Confidence: 100.0%
{Hublot, Apple} -> {Nike} <=> Confidence: 100.0%
{Hublot, Apple} -> {McD} <=> Confidence: 100.0%
{Hublot, Apple} -> {Suzuki, Rolex} <=> Confidence: 100.0%
{Hublot, Apple} -> {Suzuki, Nike} <=> Confidence: 100.0%
{Hublot, Apple} -> {Suzuki, McD} <=> Confidence: 100.0%
{Hublot, Apple} -> {Nike, Rolex} <=> Confidence: 100.0%
{Hublot, Apple} -> {Rolex, McD} <=> Confidence: 100.0%
{Hublot, Apple} -> {Nike, McD} <=> Confidence: 100.0%
{Suzuki, Nike} -> {Apple} <=> Confidence: 100.0%
{Suzuki, Nike} -> {Rolex} <=> Confidence: 100.0%
{Suzuki, Nike} -> {Hublot} <=> Confidence: 100.0%
{Suzuki, Nike} -> {McD} <=> Confidence: 100.0%
{Suzuki, Nike} -> {Rolex, Apple} <=> Confidence: 100.0%
{Suzuki, Nike} -> {Hublot, Rolex} <=> Confidence: 100.0%
{Suzuki, Nike} -> {Rolex, McD} <=> Confidence: 100.0%
{Suzuki, Nike} -> {Hublot, Apple} <=> Confidence: 100.0%
{Suzuki, Nike} -> {McD, Apple} <=> Confidence: 100.0%
{Suzuki, Nike} -> {Hublot, McD} <=> Confidence: 100.0%
{Nike, Apple} -> {Suzuki} <=> Confidence: 100.0%
\{Nike, Apple\} \rightarrow \{Rolex\} \iff Confidence: 100.0\%
{Nike, Apple} -> {Hublot} <=> Confidence: 100.0%
{Nike, Apple} -> {McD} <=> Confidence: 100.0%
{Nike, Apple} -> {Suzuki, Rolex} <=> Confidence: 100.0%
{Nike, Apple} -> {Suzuki, Hublot} <=> Confidence: 100.0%
{Nike, Apple} -> {Suzuki, McD} <=> Confidence: 100.0%
{Nike, Apple} -> {Hublot, Rolex} <=> Confidence: 100.0%
{Nike, Apple} -> {Rolex, McD} <=> Confidence: 100.0%
```

```
{Nike, Apple} -> {Hublot, McD} <=> Confidence: 100.0%
{Suzuki, McD} -> {Apple} <=> Confidence: 100.0%
{Suzuki, McD} -> {Rolex} <=> Confidence: 100.0%
{Suzuki, McD} -> {Hublot} <=> Confidence: 100.0%
{Suzuki, McD} -> {Nike} <=> Confidence: 100.0%
{Suzuki, McD} -> {Rolex, Apple} <=> Confidence: 100.0%
{Suzuki, McD} -> {Hublot, Rolex} <=> Confidence: 100.0%
{Suzuki, McD} -> {Nike, Rolex} <=> Confidence: 100.0%
{Suzuki, McD} -> {Hublot, Apple} <=> Confidence: 100.0%
{Suzuki, McD} -> {Nike, Apple} <=> Confidence: 100.0%
{Suzuki, McD} -> {Nike, Hublot} <=> Confidence: 100.0%
{McD, Apple} -> {Suzuki} <=> Confidence: 100.0%
\{McD, Apple\} \rightarrow \{Rolex\} \iff Confidence: 100.0\%
{McD, Apple} -> {Hublot} <=> Confidence: 100.0%
{McD, Apple} -> {Nike} <=> Confidence: 100.0%
{McD, Apple} -> {Suzuki, Rolex} <=> Confidence: 100.0%
{McD, Apple} -> {Suzuki, Hublot} <=> Confidence: 100.0%
{McD, Apple} -> {Suzuki, Nike} <=> Confidence: 100.0%
{McD, Apple} -> {Hublot, Rolex} <=> Confidence: 100.0%
{McD, Apple} -> {Nike, Rolex} <=> Confidence: 100.0%
{McD, Apple} -> {Nike, Hublot} <=> Confidence: 100.0%
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{Hublot, Rolex} -> {Apple} <=> Confidence: 100.0%
{Hublot, Rolex} -> {Nike} <=> Confidence: 100.0%
{Hublot, Rolex} -> {McD} <=> Confidence: 100.0%
{Hublot, Rolex} -> {Suzuki, Apple} <=> Confidence: 100.0%
{Hublot, Rolex} -> {Suzuki, Nike} <=> Confidence: 100.0%
{Hublot, Rolex} -> {Suzuki, McD} <=> Confidence: 100.0%
{Hublot, Rolex} -> {Nike, Apple} <=> Confidence: 100.0%
{Hublot, Rolex} -> {McD, Apple} <=> Confidence: 100.0%
{Hublot, Rolex} -> {Nike, McD} <=> Confidence: 100.0%
{Nike, Rolex} -> {Suzuki} <=> Confidence: 100.0%
{Nike, Rolex} -> {Apple} <=> Confidence: 100.0%
{Nike, Rolex} -> {Hublot} <=> Confidence: 100.0%
{Nike, Rolex} -> {McD} <=> Confidence: 100.0%
{Nike, Rolex} -> {Suzuki, Apple} <=> Confidence: 100.0%
{Nike, Rolex} -> {Suzuki, Hublot} <=> Confidence: 100.0%
{Nike, Rolex} -> {Suzuki, McD} <=> Confidence: 100.0%
{Nike, Rolex} -> {Hublot, Apple} <=> Confidence: 100.0%
{Nike, Rolex} -> {McD, Apple} <=> Confidence: 100.0%
{Nike, Rolex} -> {Hublot, McD} <=> Confidence: 100.0%
{Rolex, McD} -> {Suzuki} <=> Confidence: 100.0%
\{Rolex, McD\} \rightarrow \{Apple\} \iff Confidence: 100.0\%
{Rolex, McD} -> {Hublot} <=> Confidence: 100.0%
{Rolex, McD} -> {Nike} <=> Confidence: 100.0%
{Rolex, McD} -> {Suzuki, Apple} <=> Confidence: 100.0%
```

```
{Rolex, McD} -> {Suzuki, Hublot} <=> Confidence: 100.0%
{Rolex, McD} -> {Suzuki, Nike} <=> Confidence: 100.0%
{Rolex, McD} -> {Hublot, Apple} <=> Confidence: 100.0%
{Rolex, McD} -> {Nike, Apple} <=> Confidence: 100.0%
{Rolex, McD} -> {Nike, Hublot} <=> Confidence: 100.0%
{Rolex, McD} -> {Apple, Hublot, Suzuki} <=> Confidence: 100.0%
{Rolex, McD} -> {Nike, Hublot, Suzuki} <=> Confidence: 100.0%
{Rolex, McD} -> {Apple, Nike, Suzuki} <=> Confidence: 100.0%
{Rolex, McD} -> {Apple, Nike, Hublot} <=> Confidence: 100.0%
{Rolex, McD} -> {Apple, Nike, Hublot, Suzuki} <=> Confidence: 100.0%
{Nike, Hublot} -> {Suzuki} <=> Confidence: 100.0%
{Nike, Hublot} -> {Apple} <=> Confidence: 100.0%
\{Nike, Hublot\} \rightarrow \{Rolex\} \iff Confidence: 100.0\%
{Nike, Hublot} -> {McD} <=> Confidence: 100.0%
{Nike, Hublot} -> {Suzuki, Rolex} <=> Confidence: 100.0%
{Nike, Hublot} -> {Suzuki, Apple} <=> Confidence: 100.0%
{Nike, Hublot} -> {Suzuki, McD} <=> Confidence: 100.0%
{Nike, Hublot} -> {Rolex, Apple} <=> Confidence: 100.0%
{Nike, Hublot} -> {Rolex, McD} <=> Confidence: 100.0%
{Nike, Hublot} -> {McD, Apple} <=> Confidence: 100.0%
{Nike, Hublot} -> {Rolex, Apple, Suzuki} <=> Confidence: 100.0%
{Nike, Hublot} -> {Rolex, McD, Suzuki} <=> Confidence: 100.0%
{Nike, Hublot} -> {Apple, McD, Suzuki} <=> Confidence: 100.0%
{Nike, Hublot} -> {Rolex, Apple, McD} <=> Confidence: 100.0%
{Nike, Hublot} -> {Rolex, Apple, McD, Suzuki} <=> Confidence: 100.0%
{Hublot, McD} -> {Suzuki} <=> Confidence: 100.0%
{Hublot, McD} -> {Apple} <=> Confidence: 100.0%
{Hublot, McD} -> {Rolex} <=> Confidence: 100.0%
{Hublot, McD} -> {Nike} <=> Confidence: 100.0%
{Hublot, McD} -> {Suzuki, Rolex} <=> Confidence: 100.0%
{Hublot, McD} -> {Suzuki, Apple} <=> Confidence: 100.0%
{Hublot, McD} -> {Suzuki, Nike} <=> Confidence: 100.0%
{Hublot, McD} -> {Rolex, Apple} <=> Confidence: 100.0%
{Hublot, McD} -> {Nike, Rolex} <=> Confidence: 100.0%
{Hublot, McD} -> {Nike, Apple} <=> Confidence: 100.0%
{Hublot, McD} -> {Rolex, Apple, Suzuki} <=> Confidence: 100.0%
{Hublot, McD} -> {Rolex, Nike, Suzuki} <=> Confidence: 100.0%
{Hublot, McD} -> {Apple, Nike, Suzuki} <=> Confidence: 100.0%
{Hublot, McD} -> {Rolex, Apple, Nike} <=> Confidence: 100.0%
{Hublot, McD} -> {Rolex, Apple, Nike, Suzuki} <=> Confidence: 100.0%
{Nike, McD} -> {Suzuki} <=> Confidence: 100.0%
{Nike, McD} -> {Apple} <=> Confidence: 100.0%
{Nike, McD} -> {Rolex} <=> Confidence: 100.0%
{Nike, McD} -> {Hublot} <=> Confidence: 100.0%
{Nike, McD} -> {Suzuki, Rolex} <=> Confidence: 100.0%
{Nike, McD} -> {Suzuki, Apple} <=> Confidence: 100.0%
```

```
{Nike, McD} -> {Suzuki, Hublot} <=> Confidence: 100.0%
{Nike, McD} \rightarrow {Rolex, Apple} \iff Confidence: 100.0\%
{Nike, McD} -> {Hublot, Rolex} <=> Confidence: 100.0%
{Nike, McD} -> {Hublot, Apple} <=> Confidence: 100.0%
{Nike, McD} -> {Rolex, Hublot, Suzuki} <=> Confidence: 100.0%
{Nike, McD} -> {Apple, Hublot, Suzuki} <=> Confidence: 100.0%
{Nike, McD} -> {Rolex, Apple, Suzuki} <=> Confidence: 100.0%
{Nike, McD} -> {Rolex, Apple, Hublot} <=> Confidence: 100.0%
{Nike, McD} -> {Rolex, Apple, Hublot, Suzuki} <=> Confidence: 100.0%
{Adidas, Hublot} -> {BMW} <=> Confidence: 100.0%
{Adidas, Hublot} -> {KFC} <=> Confidence: 100.0%
{Adidas, Hublot} -> {KFC, BMW} <=> Confidence: 100.0%
{Adidas, BMW} -> {Hublot} <=> Confidence: 50.0%
{Adidas, BMW} -> {KFC} <=> Confidence: 100.0%
{Adidas, BMW} -> {KFC, Hublot} <=> Confidence: 50.0%
{Hublot, BMW} -> {Adidas} <=> Confidence: 100.0%
{Hublot, BMW} -> {KFC} <=> Confidence: 100.0%
{Hublot, BMW} -> {KFC, Adidas} <=> Confidence: 100.0%
{KFC, Hublot} -> {BMW} <=> Confidence: 100.0%
{KFC, Hublot} -> {Adidas} <=> Confidence: 100.0%
{KFC, Hublot} -> {Adidas, BMW} <=> Confidence: 100.0%
{KFC, BMW} -> {Hublot} <=> Confidence: 50.0%
{KFC, BMW} -> {Adidas} <=> Confidence: 100.0%
{KFC, BMW} -> {Adidas, Hublot} <=> Confidence: 50.0%
{KFC, Adidas} -> {Hublot} <=> Confidence: 50.0%
{KFC, Adidas} -> {BMW} <=> Confidence: 100.0%
{KFC, Adidas} -> {Hublot, BMW} <=> Confidence: 50.0%
{Titan, Audi} -> {OnePlus} <=> Confidence: 100.0%
{Titan, OnePlus} -> {Audi} <=> Confidence: 100.0%
{Titan, OnePlus} -> {Fossil} <=> Confidence: 33.33%
{Titan, OnePlus} -> {GUCCI} <=> Confidence: 33.33%
{Titan, OnePlus} -> {Starbucks} <=> Confidence: 33.33%
{Titan, OnePlus} -> {Audi, Fossil, GUCCI} <=> Confidence: 33.33%
{Titan, OnePlus} -> {Audi, Fossil, Starbucks} <=> Confidence: 33.33%
{Titan, OnePlus} -> {Audi, Starbucks, GUCCI} <=> Confidence: 33.33%
{Titan, OnePlus} -> {Fossil, Starbucks, GUCCI} <=> Confidence: 33.33%
{Titan, OnePlus} -> {Audi, Fossil, Starbucks, GUCCI} <=> Confidence: 33.33%
{Audi, OnePlus} -> {Titan} <=> Confidence: 100.0%
{Audi, OnePlus} -> {Fossil} <=> Confidence: 33.33%
{Audi, OnePlus} -> {GUCCI} <=> Confidence: 33.33%
{Audi, OnePlus} -> {Starbucks} <=> Confidence: 33.33%
{Audi, OnePlus} -> {Fossil, Titan} <=> Confidence: 33.33%
{Audi, OnePlus} -> {GUCCI, Titan} <=> Confidence: 33.33%
{Audi, OnePlus} -> {Starbucks, Titan} <=> Confidence: 33.33%
{Audi, OnePlus} -> {GUCCI, Fossil} <=> Confidence: 33.33%
{Audi, OnePlus} -> {Fossil, Starbucks} <=> Confidence: 33.33%
```

```
{Audi, OnePlus} -> {GUCCI, Starbucks} <=> Confidence: 33.33%
{Audi, OnePlus} -> {Fossil, Titan, GUCCI} <=> Confidence: 33.33%
{Audi, OnePlus} -> {Fossil, Titan, Starbucks} <=> Confidence: 33.33%
{Audi, OnePlus} -> {Fossil, Starbucks, GUCCI} <=> Confidence: 33.33%
{Audi, OnePlus} -> {Titan, Starbucks, GUCCI} <=> Confidence: 33.33%
{Audi, OnePlus} -> {Fossil, Titan, Starbucks, GUCCI} <=> Confidence: 33.33%
{Audi, Fossil} -> {OnePlus} <=> Confidence: 100.0%
{Audi, Fossil} -> {Titan} <=> Confidence: 100.0%
{Audi, Fossil} -> {GUCCI} <=> Confidence: 100.0%
{Audi, Fossil} -> {Starbucks} <=> Confidence: 100.0%
{Audi, Fossil} -> {OnePlus, Titan} <=> Confidence: 100.0%
{Audi, Fossil} -> {GUCCI, Titan} <=> Confidence: 100.0%
{Audi, Fossil} -> {Starbucks, Titan} <=> Confidence: 100.0%
{Audi, Fossil} -> {GUCCI, OnePlus} <=> Confidence: 100.0%
{Audi, Fossil} -> {Starbucks, OnePlus} <=> Confidence: 100.0%
{Audi, Fossil} -> {GUCCI, Starbucks} <=> Confidence: 100.0%
{Audi, Fossil} -> {Titan, OnePlus, GUCCI} <=> Confidence: 100.0%
{Audi, Fossil} -> {Titan, Starbucks, OnePlus} <=> Confidence: 100.0%
{Audi, Fossil} -> {Starbucks, OnePlus, GUCCI} <=> Confidence: 100.0%
{Audi, Fossil} -> {Titan, Starbucks, GUCCI} <=> Confidence: 100.0%
{Audi, Fossil} -> {Titan, Starbucks, OnePlus, GUCCI} <=> Confidence: 100.0%
{Fossil, OnePlus} -> {Audi} <=> Confidence: 100.0%
{Fossil, OnePlus} -> {Titan} <=> Confidence: 100.0%
{Fossil, OnePlus} -> {GUCCI} <=> Confidence: 100.0%
{Fossil, OnePlus} -> {Starbucks} <=> Confidence: 100.0%
{Fossil, OnePlus} -> {Audi, Titan} <=> Confidence: 100.0%
{Fossil, OnePlus} -> {GUCCI, Titan} <=> Confidence: 100.0%
{Fossil, OnePlus} -> {Starbucks, Titan} <=> Confidence: 100.0%
{Fossil, OnePlus} -> {Audi, GUCCI} <=> Confidence: 100.0%
{Fossil, OnePlus} -> {Audi, Starbucks} <=> Confidence: 100.0%
{Fossil, OnePlus} -> {GUCCI, Starbucks} <=> Confidence: 100.0%
{Fossil, OnePlus} -> {Audi, Titan, GUCCI} <=> Confidence: 100.0%
{Fossil, OnePlus} -> {Audi, Titan, Starbucks} <=> Confidence: 100.0%
{Fossil, OnePlus} -> {Audi, Starbucks, GUCCI} <=> Confidence: 100.0%
{Fossil, OnePlus} -> {Titan, Starbucks, GUCCI} <=> Confidence: 100.0%
{Fossil, OnePlus} -> {Audi, Titan, Starbucks, GUCCI} <=> Confidence: 100.0%
{Audi, GUCCI} -> {OnePlus} <=> Confidence: 100.0%
{Audi, GUCCI} -> {Titan} <=> Confidence: 100.0%
{Audi, GUCCI} -> {Fossil} <=> Confidence: 100.0%
{Audi, GUCCI} -> {Starbucks} <=> Confidence: 100.0%
{Audi, GUCCI} -> {OnePlus, Titan} <=> Confidence: 100.0%
{Audi, GUCCI} -> {Fossil, Titan} <=> Confidence: 100.0%
{Audi, GUCCI} -> {Starbucks, Titan} <=> Confidence: 100.0%
{Audi, GUCCI} -> {Fossil, OnePlus} <=> Confidence: 100.0%
{Audi, GUCCI} -> {Starbucks, OnePlus} <=> Confidence: 100.0%
{Audi, GUCCI} -> {Starbucks, Fossil} <=> Confidence: 100.0%
```

```
{Audi, GUCCI} -> {Fossil, Titan, OnePlus} <=> Confidence: 100.0%
{Audi, GUCCI} -> {Fossil, Starbucks, OnePlus} <=> Confidence: 100.0%
{Audi, GUCCI} -> {Titan, Starbucks, Fossil} <=> Confidence: 100.0%
{Audi, GUCCI} -> {Titan, Starbucks, OnePlus} <=> Confidence: 100.0%
{Audi, GUCCI} -> {Fossil, Titan, Starbucks, OnePlus} <=> Confidence: 100.0%
{GUCCI, OnePlus} -> {Audi} <=> Confidence: 100.0%
{GUCCI, OnePlus} -> {Titan} <=> Confidence: 100.0%
{GUCCI, OnePlus} -> {Fossil} <=> Confidence: 100.0%
{GUCCI, OnePlus} -> {Starbucks} <=> Confidence: 100.0%
{GUCCI, OnePlus} -> {Audi, Titan} <=> Confidence: 100.0%
{GUCCI, OnePlus} -> {Fossil, Titan} <=> Confidence: 100.0%
{GUCCI, OnePlus} -> {Starbucks, Titan} <=> Confidence: 100.0%
{GUCCI, OnePlus} -> {Audi, Fossil} <=> Confidence: 100.0%
{GUCCI, OnePlus} -> {Audi, Starbucks} <=> Confidence: 100.0%
{GUCCI, OnePlus} -> {Fossil, Starbucks} <=> Confidence: 100.0%
{Audi, Starbucks} -> {OnePlus} <=> Confidence: 100.0%
{Audi, Starbucks} -> {Titan} <=> Confidence: 100.0%
{Audi, Starbucks} -> {Fossil} <=> Confidence: 100.0%
{Audi, Starbucks} -> {GUCCI} <=> Confidence: 100.0%
{Audi, Starbucks} -> {OnePlus, Titan} <=> Confidence: 100.0%
{Audi, Starbucks} -> {Fossil, Titan} <=> Confidence: 100.0%
{Audi, Starbucks} -> {GUCCI, Titan} <=> Confidence: 100.0%
{Audi, Starbucks} -> {Fossil, OnePlus} <=> Confidence: 100.0%
{Audi, Starbucks} -> {GUCCI, OnePlus} <=> Confidence: 100.0%
{Audi, Starbucks} -> {GUCCI, Fossil} <=> Confidence: 100.0%
{Audi, Starbucks} -> {Fossil, Titan, OnePlus} <=> Confidence: 100.0%
{Audi, Starbucks} -> {Fossil, OnePlus, GUCCI} <=> Confidence: 100.0%
{Audi, Starbucks} -> {Titan, Fossil, GUCCI} <=> Confidence: 100.0%
{Audi, Starbucks} -> {Titan, OnePlus, GUCCI} <=> Confidence: 100.0%
{Audi, Starbucks} -> {Fossil, Titan, OnePlus, GUCCI} <=> Confidence: 100.0%
{Starbucks, OnePlus} -> {Audi} <=> Confidence: 100.0%
{Starbucks, OnePlus} -> {Titan} <=> Confidence: 100.0%
{Starbucks, OnePlus} -> {Fossil} <=> Confidence: 100.0%
{Starbucks, OnePlus} -> {GUCCI} <=> Confidence: 100.0%
{Starbucks, OnePlus} -> {Audi, Titan} <=> Confidence: 100.0%
{Starbucks, OnePlus} -> {GUCCI, Titan} <=> Confidence: 100.0%
{Starbucks, OnePlus} -> {Audi, Fossil} <=> Confidence: 100.0%
{Starbucks, OnePlus} -> {Audi, GUCCI} <=> Confidence: 100.0%
{Starbucks, OnePlus} -> {GUCCI, Fossil} <=> Confidence: 100.0%
{Starbucks, OnePlus} -> {Audi, Fossil, Titan} <=> Confidence: 100.0%
{Starbucks, OnePlus} -> {Audi, Fossil, GUCCI} <=> Confidence: 100.0%
{Starbucks, OnePlus} -> {Audi, Titan, GUCCI} <=> Confidence: 100.0%
{Starbucks, OnePlus} -> {Fossil, Titan, GUCCI} <=> Confidence: 100.0%
{Starbucks, OnePlus} -> {Audi, Fossil, Titan, GUCCI} <=> Confidence: 100.0%
{Audi, Titan} -> {Fossil} <=> Confidence: 33.33%
{Audi, Titan} -> {GUCCI} <=> Confidence: 33.33%
```

```
{Audi, Titan} -> {Starbucks} <=> Confidence: 33.33%
{Audi, Titan} -> {Fossil, OnePlus} <=> Confidence: 33.33%
{Audi, Titan} -> {GUCCI, OnePlus} <=> Confidence: 33.33%
{Audi, Titan} -> {Starbucks, OnePlus} <=> Confidence: 33.33%
{Audi, Titan} -> {GUCCI, Fossil} <=> Confidence: 33.33%
{Audi, Titan} -> {Fossil, Starbucks} <=> Confidence: 33.33%
{Audi, Titan} -> {GUCCI, Starbucks} <=> Confidence: 33.33%
{Audi, Titan} -> {Fossil, OnePlus, GUCCI} <=> Confidence: 33.33%
{Audi, Titan} -> {Fossil, Starbucks, OnePlus} <=> Confidence: 33.33%
{Audi, Titan} -> {Starbucks, Fossil, GUCCI} <=> Confidence: 33.33%
{Audi, Titan} -> {Starbucks, OnePlus, GUCCI} <=> Confidence: 33.33%
{Audi, Titan} -> {Fossil, Starbucks, OnePlus, GUCCI} <=> Confidence: 33.33%
{Fossil, Titan} -> {Audi} <=> Confidence: 100.0%
{Fossil, Titan} -> {GUCCI} <=> Confidence: 100.0%
{Fossil, Titan} -> {Starbucks} <=> Confidence: 100.0%
{Fossil, Titan} -> {Audi, OnePlus} <=> Confidence: 100.0%
{Fossil, Titan} -> {Audi, GUCCI} <=> Confidence: 100.0%
{Fossil, Titan} -> {Audi, Starbucks} <=> Confidence: 100.0%
{Fossil, Titan} -> {GUCCI, OnePlus} <=> Confidence: 100.0%
{Fossil, Titan} -> {OnePlus, Starbucks} <=> Confidence: 100.0%
{Fossil, Titan} -> {GUCCI, Starbucks} <=> Confidence: 100.0%
{Fossil, Titan} -> {Audi, OnePlus, GUCCI} <=> Confidence: 100.0%
{Fossil, Titan} -> {Audi, Starbucks, OnePlus} <=> Confidence: 100.0%
{Fossil, Titan} -> {Starbucks, OnePlus, GUCCI} <=> Confidence: 100.0%
{Fossil, Titan} -> {Audi, Starbucks, OnePlus, GUCCI} <=> Confidence: 100.0%
{GUCCI, Titan} -> {Audi} <=> Confidence: 100.0%
{GUCCI, Titan} -> {Fossil} <=> Confidence: 100.0%
{GUCCI, Titan} -> {Starbucks} <=> Confidence: 100.0%
{GUCCI, Titan} -> {Audi, OnePlus} <=> Confidence: 100.0%
{GUCCI, Titan} -> {Audi, Fossil} <=> Confidence: 100.0%
{GUCCI, Titan} -> {Audi, Starbucks} <=> Confidence: 100.0%
{GUCCI, Titan} -> {Fossil, OnePlus} <=> Confidence: 100.0%
{GUCCI, Titan} -> {Starbucks, OnePlus} <=> Confidence: 100.0%
{GUCCI, Titan} -> {Fossil, Starbucks} <=> Confidence: 100.0%
{Starbucks, Titan} -> {Audi} <=> Confidence: 100.0%
{Starbucks, Titan} -> {Fossil} <=> Confidence: 100.0%
{Starbucks, Titan} -> {GUCCI} <=> Confidence: 100.0%
{Starbucks, Titan} -> {Audi, OnePlus} <=> Confidence: 100.0%
{Starbucks, Titan} -> {Audi, Fossil} <=> Confidence: 100.0%
{Starbucks, Titan} -> {Audi, GUCCI} <=> Confidence: 100.0%
{Starbucks, Titan} -> {Fossil, OnePlus} <=> Confidence: 100.0%
{Starbucks, Titan} -> {GUCCI, OnePlus} <=> Confidence: 100.0%
{Starbucks, Titan} -> {GUCCI, Fossil} <=> Confidence: 100.0%
{GUCCI, Fossil} -> {Audi} <=> Confidence: 100.0%
{GUCCI, Fossil} -> {OnePlus} <=> Confidence: 100.0%
{GUCCI, Fossil} -> {Titan} <=> Confidence: 100.0%
```

```
{GUCCI, Fossil} -> {Starbucks} <=> Confidence: 100.0%
{GUCCI, Fossil} -> {Audi, Titan} <=> Confidence: 100.0%
{GUCCI, Fossil} -> {OnePlus, Titan} <=> Confidence: 100.0%
{GUCCI, Fossil} -> {Starbucks, Titan} <=> Confidence: 100.0%
{GUCCI, Fossil} -> {Audi, OnePlus} <=> Confidence: 100.0%
{GUCCI, Fossil} -> {Audi, Starbucks} <=> Confidence: 100.0%
{GUCCI, Fossil} -> {Starbucks, OnePlus} <=> Confidence: 100.0%
{Starbucks, Fossil} -> {Audi} <=> Confidence: 100.0%
{Starbucks, Fossil} -> {GUCCI} <=> Confidence: 100.0%
{Starbucks, Fossil} -> {Audi, GUCCI} <=> Confidence: 100.0%
{Starbucks, Fossil} -> {Audi, Titan, GUCCI} <=> Confidence: 100.0%
{GUCCI, Starbucks} -> {Audi} <=> Confidence: 100.0%
{GUCCI, Starbucks} -> {OnePlus} <=> Confidence: 100.0%
{GUCCI, Starbucks} -> {Titan} <=> Confidence: 100.0%
{GUCCI, Starbucks} -> {Fossil} <=> Confidence: 100.0%
{GUCCI, Starbucks} -> {Audi, Titan} <=> Confidence: 100.0%
{GUCCI, Starbucks} -> {OnePlus, Titan} <=> Confidence: 100.0%
{GUCCI, Starbucks} -> {Fossil, Titan} <=> Confidence: 100.0%
{GUCCI, Starbucks} -> {Audi, OnePlus} <=> Confidence: 100.0%
{GUCCI, Starbucks} -> {Audi, Fossil} <=> Confidence: 100.0%
{GUCCI, Starbucks} -> {Fossil, OnePlus} <=> Confidence: 100.0%
{Titan, Fossil} -> {OnePlus} <=> Confidence: 100.0%
{Titan, Fossil} -> {Audi, Starbucks, GUCCI} <=> Confidence: 100.0%
{Titan, GUCCI} -> {OnePlus} <=> Confidence: 100.0%
{Titan, GUCCI} -> {Audi, Fossil, OnePlus} <=> Confidence: 100.0%
{Titan, GUCCI} -> {Audi, Starbucks, Fossil} <=> Confidence: 100.0%
{Titan, GUCCI} -> {Audi, Starbucks, OnePlus} <=> Confidence: 100.0%
{Titan, GUCCI} -> {Fossil, Starbucks, OnePlus} <=> Confidence: 100.0%
{Titan, GUCCI} -> {Audi, Fossil, Starbucks, OnePlus} <=> Confidence: 100.0%
{Titan, Starbucks} -> {OnePlus} <=> Confidence: 100.0%
{Titan, Starbucks} -> {Audi, Fossil, OnePlus} <=> Confidence: 100.0%
{Titan, Starbucks} -> {Audi, Fossil, GUCCI} <=> Confidence: 100.0%
{Titan, Starbucks} -> {Audi, OnePlus, GUCCI} <=> Confidence: 100.0%
{Titan, Starbucks} -> {Fossil, OnePlus, GUCCI} <=> Confidence: 100.0%
{Titan, Starbucks} -> {Audi, Fossil, OnePlus, GUCCI} <=> Confidence: 100.0%
{Fossil, Starbucks} -> {OnePlus} <=> Confidence: 100.0%
{Fossil, Starbucks} -> {Titan} <=> Confidence: 100.0%
{Fossil, Starbucks} -> {Audi, Titan} <=> Confidence: 100.0%
{Fossil, Starbucks} -> {OnePlus, Titan} <=> Confidence: 100.0%
{Fossil, Starbucks} -> {GUCCI, Titan} <=> Confidence: 100.0%
{Fossil, Starbucks} -> {Audi, OnePlus} <=> Confidence: 100.0%
{Fossil, Starbucks} -> {GUCCI, OnePlus} <=> Confidence: 100.0%
{Fossil, Starbucks} -> {Audi, Titan, OnePlus} <=> Confidence: 100.0%
{Fossil, Starbucks} -> {Audi, OnePlus, GUCCI} <=> Confidence: 100.0%
{Fossil, Starbucks} -> {Titan, OnePlus, GUCCI} <=> Confidence: 100.0%
{Fossil, Starbucks} -> {Audi, Titan, OnePlus, GUCCI} <=> Confidence: 100.0%
```

```
\{Hermes, MG\} \rightarrow \{Fossil\} \iff Confidence: 50.0\%
\{Hermes, MG\} \rightarrow \{IHOP\} \iff Confidence: 100.0\%
{Hermes, Fossil} \rightarrow {MG} \ll Confidence: 100.0%
{Hermes, Fossil} -> {IHOP} <=> Confidence: 100.0%
{Hermes, Fossil} -> {MG, IHOP} <=> Confidence: 100.0%
{MG, Fossil} -> {Hermes} <=> Confidence: 100.0%
{MG, Fossil} -> {IHOP} <=> Confidence: 100.0%
{MG, Fossil} -> {IHOP, Hermes} <=> Confidence: 100.0%
{IHOP, MG} -> {Fossil} <=> Confidence: 50.0%
{IHOP, MG} -> {Hermes} <=> Confidence: 100.0%
{IHOP, Fossil} -> {MG} <=> Confidence: 100.0%
{IHOP, Fossil} -> {Hermes} <=> Confidence: 100.0%
{IHOP, Fossil} -> {MG, Hermes} <=> Confidence: 100.0%
{IHOP, Hermes} -> {Fossil} <=> Confidence: 50.0%
{IHOP, Hermes} -> {MG, Fossil} <=> Confidence: 50.0%
{Tesla, IOOO} -> {Coach} <=> Confidence: 100.0%
{Tesla, IQOO} -> {Chanel} <=> Confidence: 50.0%
\{Tesla, IQOO\} \rightarrow \{Subway\} \iff Confidence: 50.0\%
{Tesla, IQOO} -> {Swiss} <=> Confidence: 50.0%
{Tesla, IQOO} -> {Coach, Chanel} <=> Confidence: 50.0%
{Tesla, IQOO} -> {Coach, Subway} <=> Confidence: 50.0%
{Tesla, IQOO} -> {Coach, Swiss} <=> Confidence: 50.0%
{Tesla, IQOO} -> {Subway, Chanel} <=> Confidence: 50.0%
{Tesla, IQOO} -> {Swiss, Chanel} <=> Confidence: 50.0%
{Tesla, IQOO} -> {Subway, Swiss} <=> Confidence: 50.0%
{Tesla, IOOO} -> {Coach, Subway, Chanel} <=> Confidence: 50.0%
{Tesla, IQOO} -> {Swiss, Coach, Chanel} <=> Confidence: 50.0%
{Tesla, IQOO} -> {Swiss, Coach, Subway} <=> Confidence: 50.0%
{Tesla, IQOO} -> {Swiss, Subway, Chanel} <=> Confidence: 50.0%
{Tesla, IQOO} -> {Swiss, Coach, Subway, Chanel} <=> Confidence: 50.0%
{Tesla, Coach} -> {IQOO} <=> Confidence: 66.67%
{Tesla, Coach} -> {Chanel} <=> Confidence: 66.67%
{Tesla, Coach} -> {Subway} <=> Confidence: 66.67%
{Tesla, Coach} -> {Swiss} <=> Confidence: 33.33%
{Tesla, Coach} -> {IQOO, Chanel} <=> Confidence: 33.33%
{Tesla, Coach} -> {IQOO, Subway} <=> Confidence: 33.33%
{Tesla, Coach} -> {IQOO, Swiss} <=> Confidence: 33.33%
{Tesla, Coach} -> {Chanel, Subway} <=> Confidence: 66.67%
{Tesla, Coach} -> {Chanel, Swiss} <=> Confidence: 33.33%
{Tesla, Coach} -> {Swiss, Subway} <=> Confidence: 33.33%
{Tesla, Coach} -> {Subway, Chanel, IQOO} <=> Confidence: 33.33%
{Tesla, Coach} -> {Swiss, Chanel, IQOO} <=> Confidence: 33.33%
{Tesla, Coach} -> {Swiss, Subway, IQOO} <=> Confidence: 33.33%
{Tesla, Coach} -> {Swiss, Subway, Chanel} <=> Confidence: 33.33%
{Tesla, Coach} -> {Swiss, IQOO, Subway, Chanel} <=> Confidence: 33.33%
{IOOO, Coach} -> {Tesla} <=> Confidence: 100.0%
```

```
{IQOO, Coach} -> {Chanel} <=> Confidence: 50.0%
{IQOO, Coach} -> {Subway} <=> Confidence: 50.0%
{IOOO, Coach} -> {Swiss} <=> Confidence: 50.0%
{IQOO, Coach} -> {Tesla, Chanel} <=> Confidence: 50.0%
{IQOO, Coach} -> {Tesla, Subway} <=> Confidence: 50.0%
{IQOO, Coach} -> {Tesla, Swiss} <=> Confidence: 50.0%
{IQOO, Coach} -> {Subway, Chanel} <=> Confidence: 50.0%
{IQOO, Coach} -> {Swiss, Chanel} <=> Confidence: 50.0%
{IQOO, Coach} -> {Swiss, Subway} <=> Confidence: 50.0%
{IQOO, Coach} -> {Tesla, Swiss, Subway, Chanel} <=> Confidence: 50.0%
{Tesla, Chanel} -> {IQOO} <=> Confidence: 33.33%
{Tesla, Chanel} -> {Coach} <=> Confidence: 66.67%
{Tesla, Chanel} -> {Subway} <=> Confidence: 100.0%
{Tesla, Chanel} -> {Swiss} <=> Confidence: 33.33%
{Tesla, Chanel} -> {IQOO, Coach} <=> Confidence: 33.33%
{Tesla, Chanel} -> {IOOO, Subway} <=> Confidence: 33.33%
{Tesla, Chanel} -> {IQOO, Swiss} <=> Confidence: 33.33%
{Tesla, Chanel} -> {Coach, Subway} <=> Confidence: 66.67%
{Tesla, Chanel} -> {Coach, Swiss} <=> Confidence: 33.33%
{Tesla, Chanel} -> {Subway, Swiss} <=> Confidence: 33.33%
{Tesla, Chanel} -> {Coach, Subway, IQOO} <=> Confidence: 33.33%
{Tesla, Chanel} -> {Swiss, Coach, IQOO} <=> Confidence: 33.33%
{Tesla, Chanel} -> {Swiss, Subway, IQOO} <=> Confidence: 33.33%
{Tesla, Chanel} -> {Swiss, Coach, Subway} <=> Confidence: 33.33%
{Tesla, Chanel} -> {Swiss, IQOO, Coach, Subway} <=> Confidence: 33.33%
{IOOO, Chanel} -> {Tesla} <=> Confidence: 100.0%
{IQOO, Chanel} -> {Coach} <=> Confidence: 100.0%
{IQOO, Chanel} -> {Subway} <=> Confidence: 100.0%
{IQOO, Chanel} -> {Swiss} <=> Confidence: 100.0%
{IQOO, Chanel} -> {Tesla, Coach} <=> Confidence: 100.0%
{IQOO, Chanel} -> {Tesla, Subway} <=> Confidence: 100.0%
{IQOO, Chanel} -> {Tesla, Swiss} <=> Confidence: 100.0%
{IQOO, Chanel} -> {Coach, Subway} <=> Confidence: 100.0%
{IOOO, Chanel} -> {Coach, Swiss} <=> Confidence: 100.0%
{IQOO, Chanel} -> {Subway, Swiss} <=> Confidence: 100.0%
{IQOO, Chanel} -> {Tesla, Swiss, Coach, Subway} <=> Confidence: 100.0%
{Tesla, Subway} -> {IQOO} <=> Confidence: 33.33%
{Tesla, Subway} -> {Coach} <=> Confidence: 66.67%
{Tesla, Subway} -> {Chanel} <=> Confidence: 100.0%
{Tesla, Subway} -> {Swiss} <=> Confidence: 33.33%
{Tesla, Subway} -> {IQOO, Coach} <=> Confidence: 33.33%
{Tesla, Subway} -> {IQOO, Chanel} <=> Confidence: 33.33%
{Tesla, Subway} -> {IQOO, Swiss} <=> Confidence: 33.33%
{Tesla, Subway} -> {Chanel, Coach} <=> Confidence: 66.67%
{Tesla, Subway} -> {Coach, Swiss} <=> Confidence: 33.33%
{Tesla, Subway} -> {Chanel, Swiss} <=> Confidence: 33.33%
```

```
{Tesla, Subway} -> {Coach, Chanel, IQOO} <=> Confidence: 33.33%
{Tesla, Subway} -> {Swiss, Coach, IQOO} <=> Confidence: 33.33%
{Tesla, Subway} -> {Swiss, Chanel, IOOO} <=> Confidence: 33.33%
{Tesla, Subway} -> {Swiss, Coach, Chanel} <=> Confidence: 33.33%
{Tesla, Subway} -> {Swiss, IQOO, Coach, Chanel} <=> Confidence: 33.33%
{IQOO, Subway} -> {Tesla} <=> Confidence: 100.0%
{IQOO, Subway} -> {Coach} <=> Confidence: 100.0%
{IQOO, Subway} -> {Chanel} <=> Confidence: 100.0%
{IQOO, Subway} -> {Swiss} <=> Confidence: 100.0%
{IQOO, Subway} -> {Tesla, Coach} <=> Confidence: 100.0%
{IQOO, Subway} -> {Tesla, Chanel} <=> Confidence: 100.0%
{IQOO, Subway} -> {Tesla, Swiss} <=> Confidence: 100.0%
{IQOO, Subway} -> {Coach, Chanel} <=> Confidence: 100.0%
{IQOO, Subway} -> {Coach, Swiss} <=> Confidence: 100.0%
{IQOO, Subway} -> {Swiss, Chanel} <=> Confidence: 100.0%
{IOOO, Subway} -> {Tesla, Swiss, Coach, Chanel} <=> Confidence: 100.0%
{Tesla, Swiss} -> {IQOO} <=> Confidence: 100.0%
{Tesla, Swiss} -> {Coach} <=> Confidence: 100.0%
{Tesla, Swiss} -> {Chanel} <=> Confidence: 100.0%
{Tesla, Swiss} -> {Subway} <=> Confidence: 100.0%
{Tesla, Swiss} -> {IQOO, Coach} <=> Confidence: 100.0%
{Tesla, Swiss} -> {IQOO, Chanel} <=> Confidence: 100.0%
{Tesla, Swiss} -> {IQOO, Subway} <=> Confidence: 100.0%
{Tesla, Swiss} -> {Chanel, Coach} <=> Confidence: 100.0%
{Tesla, Swiss} -> {Coach, Subway} <=> Confidence: 100.0%
{Tesla, Swiss} -> {Chanel, Subway} <=> Confidence: 100.0%
{Tesla, Swiss} -> {Coach, Chanel, IQOO} <=> Confidence: 100.0%
{Tesla, Swiss} -> {Coach, Subway, IOOO} <=> Confidence: 100.0%
{Tesla, Swiss} -> {Subway, Chanel, IQOO} <=> Confidence: 100.0%
{Tesla, Swiss} -> {Coach, Subway, Chanel} <=> Confidence: 100.0%
{Tesla, Swiss} -> {IQOO, Coach, Subway, Chanel} <=> Confidence: 100.0%
{IQOO, Swiss} -> {Tesla} <=> Confidence: 100.0%
{IQOO, Swiss} -> {Coach} <=> Confidence: 100.0%
{IOOO, Swiss} -> {Chanel} <=> Confidence: 100.0%
{IQOO, Swiss} -> {Subway} <=> Confidence: 100.0%
{IQOO, Swiss} -> {Tesla, Coach} <=> Confidence: 100.0%
{IQOO, Swiss} -> {Tesla, Chanel} <=> Confidence: 100.0%
{IQOO, Swiss} -> {Tesla, Subway} <=> Confidence: 100.0%
{IQOO, Swiss} -> {Coach, Chanel} <=> Confidence: 100.0%
{IQOO, Swiss} -> {Coach, Subway} <=> Confidence: 100.0%
{IQOO, Swiss} -> {Subway, Chanel} <=> Confidence: 100.0%
{Chanel, Coach} -> {Tesla} <=> Confidence: 100.0%
{Chanel, Coach} -> {Subway} <=> Confidence: 100.0%
{Chanel, Coach} -> {Swiss} <=> Confidence: 50.0%
{Chanel, Coach} -> {Tesla, Subway} <=> Confidence: 100.0%
{Chanel, Coach} -> {Tesla, Swiss} <=> Confidence: 50.0%
```

```
{Chanel, Coach} -> {Swiss, Subway} <=> Confidence: 50.0%
{Coach, Subway} -> {Tesla} <=> Confidence: 100.0%
{Coach, Subway} -> {IOOO} <=> Confidence: 50.0%
{Coach, Subway} -> {Chanel} <=> Confidence: 100.0%
{Coach, Subway} -> {Swiss} <=> Confidence: 50.0%
{Coach, Subway} -> {Tesla, IQOO} <=> Confidence: 50.0%
{Coach, Subway} -> {Tesla, Chanel} <=> Confidence: 100.0%
{Coach, Subway} -> {Tesla, Swiss} <=> Confidence: 50.0%
{Coach, Subway} -> {IQOO, Chanel} <=> Confidence: 50.0%
{Coach, Subway} -> {IQOO, Swiss} <=> Confidence: 50.0%
{Coach, Subway} -> {Chanel, Swiss} <=> Confidence: 50.0%
{Coach, Subway} -> {Tesla, Chanel, IQOO} <=> Confidence: 50.0%
{Coach, Subway} -> {Tesla, Swiss, IQOO} <=> Confidence: 50.0%
{Coach, Subway} -> {Tesla, Swiss, Chanel} <=> Confidence: 50.0%
{Coach, Subway} -> {Swiss, Chanel, IQOO} <=> Confidence: 50.0%
{Coach, Subway} -> {Tesla, Swiss, IOOO, Chanel} <=> Confidence: 50.0%
{Coach, Swiss} -> {Tesla} <=> Confidence: 100.0%
{Coach, Swiss} -> {IOOO} <=> Confidence: 100.0%
{Coach, Swiss} -> {Chanel} <=> Confidence: 100.0%
{Coach, Swiss} -> {Subway} <=> Confidence: 100.0%
{Coach, Swiss} -> {Tesla, IQOO} <=> Confidence: 100.0%
{Coach, Swiss} -> {Tesla, Chanel} <=> Confidence: 100.0%
{Coach, Swiss} -> {Tesla, Subway} <=> Confidence: 100.0%
{Coach, Swiss} -> {IQOO, Chanel} <=> Confidence: 100.0%
{Coach, Swiss} -> {IQOO, Subway} <=> Confidence: 100.0%
{Coach, Swiss} -> {Chanel, Subway} <=> Confidence: 100.0%
{Chanel, Subway} -> {Tesla} <=> Confidence: 100.0%
{Chanel, Subway} -> {Coach} <=> Confidence: 66.67%
{Chanel, Subway} -> {Swiss} <=> Confidence: 33.33%
{Chanel, Subway} -> {Tesla, Coach} <=> Confidence: 66.67%
{Chanel, Subway} -> {Tesla, Swiss} <=> Confidence: 33.33%
{Chanel, Subway} -> {Coach, Swiss} <=> Confidence: 33.33%
{Chanel, Swiss} -> {Tesla} <=> Confidence: 100.0%
{Chanel, Swiss} -> {Coach} <=> Confidence: 100.0%
{Chanel, Swiss} -> {Subway} <=> Confidence: 100.0%
{Chanel, Swiss} -> {Tesla, Coach} <=> Confidence: 100.0%
{Chanel, Swiss} -> {Tesla, Subway} <=> Confidence: 100.0%
{Chanel, Swiss} -> {Coach, Subway} <=> Confidence: 100.0%
{Subway, Swiss} -> {Tesla} <=> Confidence: 100.0%
{Subway, Swiss} -> {IOOO} <=> Confidence: 100.0%
{Subway, Swiss} -> {Chanel} <=> Confidence: 100.0%
{Subway, Swiss} -> {Tesla, IQOO} <=> Confidence: 100.0%
{Subway, Swiss} -> {Tesla, Chanel} <=> Confidence: 100.0%
{Subway, Swiss} -> {IQOO, Chanel} <=> Confidence: 100.0%
{Coach, Chanel} -> {IQOO} <=> Confidence: 50.0%
{Coach, Chanel} -> {Tesla, IOOO} <=> Confidence: 50.0%
```

```
{Coach, Chanel} -> {IQOO, Subway} <=> Confidence: 50.0%
{Coach, Chanel} -> {IQOO, Swiss} <=> Confidence: 50.0%
{Coach, Chanel} -> {Tesla, Subway, IOOO} <=> Confidence: 50.0%
{Coach, Chanel} -> {Tesla, Swiss, IQOO} <=> Confidence: 50.0%
{Coach, Chanel} -> {Tesla, Swiss, Subway} <=> Confidence: 50.0%
{Coach, Chanel} -> {Swiss, Subway, IQOO} <=> Confidence: 50.0%
{Coach, Chanel} -> {Tesla, Swiss, IQOO, Subway} <=> Confidence: 50.0%
{Subway, Chanel} -> {IOOO} <=> Confidence: 33.33%
{Subway, Chanel} -> {Tesla, IQOO} <=> Confidence: 33.33%
{Subway, Chanel} -> {IQOO, Coach} <=> Confidence: 33.33%
{Subway, Chanel} -> {IQOO, Swiss} <=> Confidence: 33.33%
{Subway, Chanel} -> {Tesla, Coach, IQOO} <=> Confidence: 33.33%
{Subway, Chanel} -> {Tesla, Swiss, IQOO} <=> Confidence: 33.33%
{Subway, Chanel} -> {Tesla, Swiss, Coach} <=> Confidence: 33.33%
{Subway, Chanel} -> {Swiss, Coach, IQOO} <=> Confidence: 33.33%
{Subway, Chanel} -> {Tesla, Swiss, IOOO, Coach} <=> Confidence: 33.33%
{Swiss, Chanel} -> {IQOO} <=> Confidence: 100.0%
{Swiss, Chanel} -> {Tesla, IOOO} <=> Confidence: 100.0%
{Swiss, Chanel} -> {IQOO, Coach} <=> Confidence: 100.0%
{Swiss, Chanel} -> {IQOO, Subway} <=> Confidence: 100.0%
{Swiss, Chanel} -> {Tesla, Coach, IOOO} <=> Confidence: 100.0%
{Swiss, Chanel} -> {Tesla, Subway, IQOO} <=> Confidence: 100.0%
{Swiss, Chanel} -> {Tesla, Coach, Subway} <=> Confidence: 100.0%
{Swiss, Chanel} -> {Coach, Subway, IQOO} <=> Confidence: 100.0%
{Swiss, Chanel} -> {Tesla, IQOO, Coach, Subway} <=> Confidence: 100.0%
{Swiss, Subway} -> {Coach} <=> Confidence: 100.0%
{Swiss, Subway} -> {Tesla, Coach} <=> Confidence: 100.0%
{Swiss, Subway} -> {IQOO, Coach} <=> Confidence: 100.0%
{Swiss, Subway} -> {Chanel, Coach} <=> Confidence: 100.0%
{Swiss, Subway} -> {Tesla, Coach, IQOO} <=> Confidence: 100.0%
{Swiss, Subway} -> {Tesla, Chanel, IQOO} <=> Confidence: 100.0%
{Swiss, Subway} -> {Tesla, Coach, Chanel} <=> Confidence: 100.0%
{Swiss, Subway} -> {Coach, Chanel, IQOO} <=> Confidence: 100.0%
{Swiss, Subway} -> {Tesla, IQOO, Coach, Chanel} <=> Confidence: 100.0%
{Tata, ZARA} -> {Swiss} <=> Confidence: 50.0%
{Tata, ZARA} -> {Dunkin} <=> Confidence: 100.0%
{Tata, ZARA} -> {Dunkin, Swiss} <=> Confidence: 50.0%
{Tata, Swiss} -> {ZARA} <=> Confidence: 100.0%
{Tata, Swiss} -> {Dunkin} <=> Confidence: 100.0%
{Tata, Swiss} -> {Dunkin, ZARA} <=> Confidence: 100.0%
{ZARA, Swiss} -> {Tata} <=> Confidence: 100.0%
{ZARA, Swiss} -> {Dunkin} <=> Confidence: 100.0%
{ZARA, Swiss} -> {Dunkin, Tata} <=> Confidence: 100.0%
{Dunkin, Tata} -> {Swiss} <=> Confidence: 50.0%
{Dunkin, Tata} -> {ZARA} <=> Confidence: 100.0%
{Dunkin, Tata} -> {ZARA, Swiss} <=> Confidence: 50.0%
```

```
{Dunkin, Swiss} -> {Tata} <=> Confidence: 100.0%
{Dunkin, Swiss} -> {ZARA} <=> Confidence: 100.0%
{Dunkin, Swiss} -> {Tata, ZARA} <=> Confidence: 100.0%
{Dunkin, ZARA} -> {Swiss} <=> Confidence: 50.0%
{Dunkin, ZARA} -> {Tata} <=> Confidence: 100.0%
{Dunkin, ZARA} -> {Tata, Swiss} <=> Confidence: 50.0%
{Hermes, IHOP} \rightarrow {MG} \iff Confidence: 100.0%
{Popeyes, H&M} -> {Bugatti} <=> Confidence: 100.0%
{Popeyes, Bugatti} -> {H&M} <=> Confidence: 100.0%
{H&M, Bugatti} -> {Popeyes} <=> Confidence: 100.0%
{Seiko, Dior, Casio} -> {Dominos} <=> Confidence: 100.0%
{Seiko, Dior, Dominos} -> {Casio} <=> Confidence: 100.0%
{Seiko, Casio, Dominos} -> {Dior} <=> Confidence: 100.0%
{Dior, Casio, Dominos} -> {Seiko} <=> Confidence: 100.0%
{Suzuki, Hublot, Rolex} -> {Apple} <=> Confidence: 100.0%
{Suzuki, Hublot, Rolex} -> {Nike} <=> Confidence: 100.0%
{Suzuki, Hublot, Rolex} -> {McD} <=> Confidence: 100.0%
{Suzuki, Hublot, Apple} -> {Rolex} <=> Confidence: 100.0%
{Suzuki, Hublot, Apple} -> {Nike} <=> Confidence: 100.0%
{Suzuki, Hublot, Apple} -> {McD} <=> Confidence: 100.0%
{Suzuki, Rolex, Apple} -> {Hublot} <=> Confidence: 33.33%
{Suzuki, Rolex, Apple} -> {Nike} <=> Confidence: 33.33%
{Suzuki, Rolex, Apple} -> {McD} <=> Confidence: 33.33%
{Hublot, Rolex, Apple} -> {Suzuki} <=> Confidence: 100.0%
{Hublot, Rolex, Apple} -> {Nike} <=> Confidence: 100.0%
{Hublot, Rolex, Apple} -> {McD} <=> Confidence: 100.0%
{Suzuki, Nike, Rolex} -> {Apple} <=> Confidence: 100.0%
{Suzuki, Nike, Rolex} -> {Hublot} <=> Confidence: 100.0%
{Suzuki, Nike, Rolex} -> {McD} <=> Confidence: 100.0%
{Suzuki, Nike, Apple} -> {Rolex} <=> Confidence: 100.0%
{Suzuki, Nike, Apple} -> {Hublot} <=> Confidence: 100.0%
{Suzuki, Nike, Apple} -> {McD} <=> Confidence: 100.0%
{Nike, Rolex, Apple} -> {Suzuki} <=> Confidence: 100.0%
{Nike, Rolex, Apple} -> {Hublot} <=> Confidence: 100.0%
{Nike, Rolex, Apple} -> {McD} <=> Confidence: 100.0%
{Suzuki, Rolex, McD} -> {Apple} <=> Confidence: 100.0%
{Suzuki, Rolex, McD} -> {Hublot} <=> Confidence: 100.0%
{Suzuki, Rolex, McD} -> {Nike} <=> Confidence: 100.0%
{Suzuki, McD, Apple} -> {Rolex} <=> Confidence: 100.0%
{Suzuki, McD, Apple} -> {Hublot} <=> Confidence: 100.0%
{Suzuki, McD, Apple} -> {Nike} <=> Confidence: 100.0%
{Rolex, McD, Apple} -> {Suzuki} <=> Confidence: 100.0%
{Rolex, McD, Apple} -> {Hublot} <=> Confidence: 100.0%
{Rolex, McD, Apple} -> {Nike} <=> Confidence: 100.0%
{Suzuki, Nike, Hublot} -> {Rolex} <=> Confidence: 100.0%
{Suzuki, Nike, Hublot} -> {Apple} <=> Confidence: 100.0%
```

```
{Suzuki, Nike, Hublot} -> {McD} <=> Confidence: 100.0%
{Nike, Hublot, Rolex} -> {Suzuki} <=> Confidence: 100.0%
{Nike, Hublot, Rolex} -> {Apple} <=> Confidence: 100.0%
{Nike, Hublot, Rolex} -> {McD} <=> Confidence: 100.0%
{Suzuki, Hublot, McD} -> {Rolex} <=> Confidence: 100.0%
{Suzuki, Hublot, McD} -> {Apple} <=> Confidence: 100.0%
{Suzuki, Hublot, McD} -> {Nike} <=> Confidence: 100.0%
{Hublot, Rolex, McD} -> {Suzuki} <=> Confidence: 100.0%
{Hublot, Rolex, McD} -> {Apple} <=> Confidence: 100.0%
{Hublot, Rolex, McD} -> {Nike} <=> Confidence: 100.0%
\{Suzuki, Nike, McD\} \rightarrow \{Rolex\} \iff Confidence: 100.0\%
{Suzuki, Nike, McD} -> {Apple} <=> Confidence: 100.0%
{Suzuki, Nike, McD} -> {Hublot} <=> Confidence: 100.0%
{Nike, Rolex, McD} -> {Suzuki} <=> Confidence: 100.0%
\{Nike, Rolex, McD\} \rightarrow \{Apple\} \iff Confidence: 100.0\%
{Nike, Rolex, McD} -> {Hublot} <=> Confidence: 100.0%
{Nike, Hublot, Apple} -> {Suzuki} <=> Confidence: 100.0%
{Nike, Hublot, Apple} -> {Rolex} <=> Confidence: 100.0%
{Nike, Hublot, Apple} -> {McD} <=> Confidence: 100.0%
{Hublot, McD, Apple} -> {Suzuki} <=> Confidence: 100.0%
{Hublot, McD, Apple} -> {Rolex} <=> Confidence: 100.0%
{Hublot, McD, Apple} -> {Nike} <=> Confidence: 100.0%
{Nike, McD, Apple} -> {Suzuki} <=> Confidence: 100.0%
\{Nike, McD, Apple\} \rightarrow \{Rolex\} \iff Confidence: 100.0\%
{Nike, McD, Apple} -> {Hublot} <=> Confidence: 100.0%
{Nike, Hublot, McD} -> {Suzuki} <=> Confidence: 100.0%
\{Nike, Hublot, McD\} \rightarrow \{Rolex\} \iff Confidence: 100.0\%
{Nike, Hublot, McD} -> {Apple} <=> Confidence: 100.0%
{Nike, Hublot, McD} -> {Rolex, Suzuki} <=> Confidence: 100.0%
{Nike, Hublot, McD} -> {Apple, Suzuki} <=> Confidence: 100.0%
{Nike, Hublot, McD} -> {Rolex, Apple} <=> Confidence: 100.0%
{Nike, Hublot, McD} -> {Rolex, Apple, Suzuki} <=> Confidence: 100.0%
{KFC, Adidas, Hublot} -> {BMW} <=> Confidence: 100.0%
{KFC, Adidas, BMW} -> {Hublot} <=> Confidence: 50.0%
{KFC, Hublot, BMW} -> {Adidas} <=> Confidence: 100.0%
{Adidas, Hublot, BMW} -> {KFC} <=> Confidence: 100.0%
{OnePlus, Titan} -> {Audi, Fossil} <=> Confidence: 33.33%
{OnePlus, Titan} -> {Audi, GUCCI} <=> Confidence: 33.33%
{OnePlus, Titan} -> {Audi, Starbucks} <=> Confidence: 33.33%
{OnePlus, Titan} -> {GUCCI, Fossil} <=> Confidence: 33.33%
{OnePlus, Titan} -> {Fossil, Starbucks} <=> Confidence: 33.33%
{OnePlus, Titan} -> {GUCCI, Starbucks} <=> Confidence: 33.33%
{Audi, Fossil, OnePlus} -> {Titan} <=> Confidence: 100.0%
{Audi, Fossil, OnePlus} -> {GUCCI} <=> Confidence: 100.0%
{Audi, Fossil, OnePlus} -> {Starbucks} <=> Confidence: 100.0%
{Audi, Fossil, OnePlus} -> {Titan, GUCCI} <=> Confidence: 100.0%
```

```
{Audi, Fossil, OnePlus} -> {Titan, Starbucks} <=> Confidence: 100.0%
{Audi, Fossil, OnePlus} -> {Starbucks, GUCCI} <=> Confidence: 100.0%
{Audi, Fossil, OnePlus} -> {Titan, Starbucks, GUCCI} <=> Confidence: 100.0%
{Audi, Fossil, Titan} -> {OnePlus} <=> Confidence: 100.0%
{Audi, Fossil, Titan} -> {GUCCI} <=> Confidence: 100.0%
{Audi, Fossil, Titan} -> {Starbucks} <=> Confidence: 100.0%
{Audi, Fossil, Titan} -> {OnePlus, GUCCI} <=> Confidence: 100.0%
{Audi, Fossil, Titan} -> {Starbucks, OnePlus} <=> Confidence: 100.0%
{Audi, Fossil, Titan} -> {Starbucks, OnePlus, GUCCI} <=> Confidence: 100.0%
{Audi, OnePlus, Titan} -> {Fossil} <=> Confidence: 33.33%
{Audi, OnePlus, Titan} -> {GUCCI} <=> Confidence: 33.33%
{Audi, OnePlus, Titan} -> {Starbucks} <=> Confidence: 33.33%
{Fossil, OnePlus, Titan} -> {Audi} <=> Confidence: 100.0%
{Fossil, OnePlus, Titan} -> {GUCCI} <=> Confidence: 100.0%
{Fossil, OnePlus, Titan} -> {Starbucks} <=> Confidence: 100.0%
{Audi, GUCCI, OnePlus} -> {Titan} <=> Confidence: 100.0%
{Audi, GUCCI, OnePlus} -> {Fossil} <=> Confidence: 100.0%
{Audi, GUCCI, OnePlus} -> {Starbucks} <=> Confidence: 100.0%
{Audi, GUCCI, Titan} -> {OnePlus} <=> Confidence: 100.0%
{Audi, GUCCI, Titan} -> {Fossil} <=> Confidence: 100.0%
{Audi, GUCCI, Titan} -> {Starbucks} <=> Confidence: 100.0%
{GUCCI, OnePlus, Titan} -> {Audi} <=> Confidence: 100.0%
{GUCCI, OnePlus, Titan} -> {Fossil} <=> Confidence: 100.0%
{GUCCI, OnePlus, Titan} -> {Starbucks} <=> Confidence: 100.0%
{Audi, Starbucks, OnePlus} -> {Titan} <=> Confidence: 100.0%
{Audi, Starbucks, OnePlus} -> {Fossil} <=> Confidence: 100.0%
{Audi, Starbucks, OnePlus} -> {GUCCI} <=> Confidence: 100.0%
{Audi, Starbucks, OnePlus} -> {Fossil, Titan} <=> Confidence: 100.0%
{Audi, Starbucks, OnePlus} -> {Fossil, GUCCI} <=> Confidence: 100.0%
{Audi, Starbucks, OnePlus} -> {Titan, GUCCI} <=> Confidence: 100.0%
{Audi, Starbucks, OnePlus} -> {Fossil, Titan, GUCCI} <=> Confidence: 100.0%
{Audi, Starbucks, Titan} -> {OnePlus} <=> Confidence: 100.0%
{Audi, Starbucks, Titan} -> {Fossil} <=> Confidence: 100.0%
{Audi, Starbucks, Titan} -> {GUCCI} <=> Confidence: 100.0%
{Starbucks, OnePlus, Titan} -> {Audi} <=> Confidence: 100.0%
{Starbucks, OnePlus, Titan} -> {GUCCI} <=> Confidence: 100.0%
{Audi, GUCCI, Fossil} -> {Titan} <=> Confidence: 100.0%
{Audi, GUCCI, Fossil} -> {OnePlus} <=> Confidence: 100.0%
{Audi, GUCCI, Fossil} -> {Starbucks} <=> Confidence: 100.0%
{GUCCI, Fossil, Titan} -> {Audi} <=> Confidence: 100.0%
{GUCCI, Fossil, Titan} -> {OnePlus} <=> Confidence: 100.0%
{GUCCI, Fossil, Titan} -> {Starbucks} <=> Confidence: 100.0%
{Audi, Fossil, Starbucks} -> {Titan} <=> Confidence: 100.0%
{Audi, Fossil, Starbucks} -> {OnePlus} <=> Confidence: 100.0%
{Audi, Fossil, Starbucks} -> {Titan, OnePlus} <=> Confidence: 100.0%
{Audi, Fossil, Starbucks} -> {OnePlus, GUCCI} <=> Confidence: 100.0%
```

```
{Audi, Fossil, Starbucks} -> {Titan, OnePlus, GUCCI} <=> Confidence: 100.0%
{Fossil, Starbucks, Titan} -> {Audi} <=> Confidence: 100.0%
{Fossil, Starbucks, Titan} -> {OnePlus} <=> Confidence: 100.0%
{Fossil, Starbucks, Titan} -> {GUCCI} <=> Confidence: 100.0%
{Audi, GUCCI, Starbucks} -> {Titan} <=> Confidence: 100.0%
{Audi, GUCCI, Starbucks} -> {OnePlus} <=> Confidence: 100.0%
{Audi, GUCCI, Starbucks} -> {Fossil} <=> Confidence: 100.0%
{GUCCI, Starbucks, Titan} -> {Audi} <=> Confidence: 100.0%
{GUCCI, Starbucks, Titan} -> {OnePlus} <=> Confidence: 100.0%
{GUCCI, Starbucks, Titan} -> {Fossil} <=> Confidence: 100.0%
{GUCCI, Fossil, OnePlus} -> {Titan} <=> Confidence: 100.0%
{GUCCI, Fossil, OnePlus} -> {Audi} <=> Confidence: 100.0%
{GUCCI, Fossil, OnePlus} -> {Starbucks} <=> Confidence: 100.0%
{OnePlus, Starbucks} -> {Fossil, Titan} <=> Confidence: 100.0%
{Fossil, OnePlus, Starbucks} -> {Titan} <=> Confidence: 100.0%
{OnePlus, Starbucks, Titan} -> {Fossil} <=> Confidence: 100.0%
{GUCCI, Starbucks, OnePlus} -> {Titan} <=> Confidence: 100.0%
{GUCCI, Starbucks, OnePlus} -> {Audi} <=> Confidence: 100.0%
{GUCCI, Starbucks, OnePlus} -> {Fossil} <=> Confidence: 100.0%
{GUCCI, Fossil, Starbucks} -> {Titan} <=> Confidence: 100.0%
{GUCCI, Fossil, Starbucks} -> {OnePlus} <=> Confidence: 100.0%
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{Fossil, Starbucks, OnePlus} -> {GUCCI} <=> Confidence: 100.0%
{Fossil, Starbucks, OnePlus} -> {Audi, Titan} <=> Confidence: 100.0%
{Fossil, Starbucks, OnePlus} -> {Audi, GUCCI} <=> Confidence: 100.0%
{Fossil, Starbucks, OnePlus} -> {Titan, GUCCI} <=> Confidence: 100.0%
{Fossil, Starbucks, OnePlus} -> {Audi, Titan, GUCCI} <=> Confidence: 100.0%
{Audi, Starbucks, Fossil} -> {GUCCI} <=> Confidence: 100.0%
{Audi, Starbucks, Fossil} -> {Titan, GUCCI} <=> Confidence: 100.0%
{GUCCI, Starbucks, Fossil} -> {Audi} <=> Confidence: 100.0%
{MG, IHOP} -> {Hermes, Fossil} <=> Confidence: 50.0%
{MG, Hermes} -> {IHOP, Fossil} <=> Confidence: 50.0%
{MG, IHOP, Hermes} -> {Fossil} <=> Confidence: 50.0%
{MG, IHOP, Fossil} -> {Hermes} <=> Confidence: 100.0%
{MG, Hermes, Fossil} -> {IHOP} <=> Confidence: 100.0%
{IHOP, Hermes, Fossil} -> {MG} <=> Confidence: 100.0%
{Tesla, IQOO, Coach} -> {Chanel} <=> Confidence: 50.0%
{Tesla, IQOO, Coach} -> {Subway} <=> Confidence: 50.0%
{Tesla, IQOO, Coach} -> {Swiss} <=> Confidence: 50.0%
{Tesla, IQOO, Coach} -> {Swiss, Subway, Chanel} <=> Confidence: 50.0%
{Tesla, IQOO, Chanel} -> {Coach} <=> Confidence: 100.0%
{Tesla, IQOO, Chanel} -> {Subway} <=> Confidence: 100.0%
{Tesla, IQOO, Chanel} -> {Swiss} <=> Confidence: 100.0%
{Tesla, IQOO, Chanel} -> {Swiss, Coach, Subway} <=> Confidence: 100.0%
{Tesla, Coach, Chanel} -> {IQOO} <=> Confidence: 50.0%
{Tesla, Coach, Chanel} -> {Subway, IOOO} <=> Confidence: 50.0%
```

```
{Tesla, Coach, Chanel} -> {Swiss, IQOO} <=> Confidence: 50.0%
{Tesla, Coach, Chanel} -> {Swiss, Subway} <=> Confidence: 50.0%
{Tesla, Coach, Chanel} -> {Swiss, IOOO, Subway} <=> Confidence: 50.0%
{IQOO, Coach, Chanel} -> {Tesla} <=> Confidence: 100.0%
{IQOO, Coach, Chanel} -> {Subway} <=> Confidence: 100.0%
{IQOO, Coach, Chanel} -> {Swiss} <=> Confidence: 100.0%
{IQOO, Coach, Chanel} -> {Tesla, Swiss, Subway} <=> Confidence: 100.0%
{Tesla, IQOO, Subway} -> {Coach} <=> Confidence: 100.0%
{Tesla, IQOO, Subway} -> {Chanel} <=> Confidence: 100.0%
{Tesla, IQOO, Subway} -> {Swiss} <=> Confidence: 100.0%
{Tesla, IQOO, Subway} -> {Swiss, Coach, Chanel} <=> Confidence: 100.0%
{Tesla, Coach, Subway} -> {IQOO} <=> Confidence: 50.0%
{Tesla, Coach, Subway} -> {Chanel} <=> Confidence: 100.0%
{Tesla, Coach, Subway} -> {Swiss} <=> Confidence: 50.0%
{Tesla, Coach, Subway} -> {Chanel, IQOO} <=> Confidence: 50.0%
{Tesla, Coach, Subway} -> {Swiss, IOOO} <=> Confidence: 50.0%
{Tesla, Coach, Subway} -> {Swiss, Chanel} <=> Confidence: 50.0%
{Tesla, Coach, Subway} -> {Swiss, IQOO, Chanel} <=> Confidence: 50.0%
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{IQOO, Coach, Subway} -> {Chanel} <=> Confidence: 100.0%
{IQOO, Coach, Subway} -> {Swiss} <=> Confidence: 100.0%
{IQOO, Coach, Subway} -> {Tesla, Swiss, Chanel} <=> Confidence: 100.0%
{Tesla, IQOO, Swiss} -> {Coach} <=> Confidence: 100.0%
{Tesla, IQOO, Swiss} -> {Chanel} <=> Confidence: 100.0%
{Tesla, IQOO, Swiss} -> {Subway} <=> Confidence: 100.0%
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{Tesla, Coach, Swiss} -> {Chanel} <=> Confidence: 100.0%
{Tesla, Coach, Swiss} -> {Subway} <=> Confidence: 100.0%
{IQOO, Coach, Swiss} -> {Tesla} <=> Confidence: 100.0%
{IQOO, Coach, Swiss} -> {Chanel} <=> Confidence: 100.0%
{IQOO, Coach, Swiss} -> {Subway} <=> Confidence: 100.0%
{Tesla, Subway, Chanel} -> {IQOO} <=> Confidence: 33.33%
{Tesla, Subway, Chanel} -> {Coach, IQOO} <=> Confidence: 33.33%
{Tesla, Subway, Chanel} -> {Swiss, IQOO} <=> Confidence: 33.33%
{Tesla, Subway, Chanel} -> {Swiss, Coach} <=> Confidence: 33.33%
{Tesla, Subway, Chanel} -> {Swiss, IQOO, Coach} <=> Confidence: 33.33%
{IQOO, Subway, Chanel} -> {Tesla} <=> Confidence: 100.0%
{IQOO, Subway, Chanel} -> {Coach} <=> Confidence: 100.0%
{IQOO, Subway, Chanel} -> {Swiss} <=> Confidence: 100.0%
{IQOO, Subway, Chanel} -> {Tesla, Swiss, Coach} <=> Confidence: 100.0%
{Tesla, Swiss, Chanel} -> {IQOO} <=> Confidence: 100.0%
{Tesla, Swiss, Chanel} -> {Coach, IQOO} <=> Confidence: 100.0%
{Tesla, Swiss, Chanel} -> {Subway, IQOO} <=> Confidence: 100.0%
{Tesla, Swiss, Chanel} -> {Coach, Subway} <=> Confidence: 100.0%
{Tesla, Swiss, Chanel} -> {IQOO, Coach, Subway} <=> Confidence: 100.0%
{IOOO, Swiss, Chanel} -> {Tesla} <=> Confidence: 100.0%
```

```
{IQOO, Swiss, Chanel} -> {Coach} <=> Confidence: 100.0%
{IQOO, Swiss, Chanel} -> {Subway} <=> Confidence: 100.0%
{Tesla, Subway, Swiss} -> {IOOO} <=> Confidence: 100.0%
{Tesla, Subway, Swiss} -> {Chanel} <=> Confidence: 100.0%
{IQOO, Subway, Swiss} -> {Tesla} <=> Confidence: 100.0%
{IQOO, Subway, Swiss} -> {Chanel} <=> Confidence: 100.0%
{Tesla, Chanel, Coach} -> {Subway} <=> Confidence: 100.0%
{Tesla, Chanel, Coach} -> {Swiss} <=> Confidence: 50.0%
{Tesla, Chanel, Subway} -> {Coach} <=> Confidence: 66.67%
{Tesla, Chanel, Subway} -> {Swiss} <=> Confidence: 33.33%
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{Chanel, Coach, Subway} -> {Swiss} <=> Confidence: 50.0%
{Tesla, Chanel, Swiss} -> {Coach} <=> Confidence: 100.0%
{Tesla, Chanel, Swiss} -> {Subway} <=> Confidence: 100.0%
{Chanel, Coach, Swiss} -> {Tesla} <=> Confidence: 100.0%
{Chanel, Coach, Swiss} -> {Subway} <=> Confidence: 100.0%
{Tesla, Swiss, Subway} -> {Coach} <=> Confidence: 100.0%
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{Tesla, Swiss, Subway} -> {Coach, Chanel} <=> Confidence: 100.0%
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{Coach, Swiss, Subway} -> {Tesla} <=> Confidence: 100.0%
{Coach, Swiss, Subway} -> {IQOO} <=> Confidence: 100.0%
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{Coach, Subway, Chanel} -> {Tesla, IQOO} <=> Confidence: 50.0%
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{Coach, Subway, Chanel} -> {Swiss, IQOO} <=> Confidence: 50.0%
{Coach, Subway, Chanel} -> {Tesla, Swiss, IQOO} <=> Confidence: 50.0%
{Coach, Swiss, Chanel} -> {IQOO} <=> Confidence: 100.0%
{IQOO, Swiss, Subway} -> {Coach} <=> Confidence: 100.0%
{Subway, Swiss, Chanel} -> {IQOO} <=> Confidence: 100.0%
{Chanel, Swiss, Subway} -> {Coach} <=> Confidence: 100.0%
{Dunkin, Tata, ZARA} -> {Swiss} <=> Confidence: 50.0%
{Dunkin, Tata, Swiss} -> {ZARA} <=> Confidence: 100.0%
{Dunkin, ZARA, Swiss} -> {Tata} <=> Confidence: 100.0%
{Tata, ZARA, Swiss} -> {Dunkin} <=> Confidence: 100.0%
{Rolex, Nike} -> {Apple, Hublot, Suzuki} <=> Confidence: 100.0%
{Rolex, Nike} -> {Hublot, McD, Suzuki} <=> Confidence: 100.0%
{Rolex, Nike} -> {Apple, McD, Suzuki} <=> Confidence: 100.0%
{Rolex, Nike} -> {Apple, Hublot, McD} <=> Confidence: 100.0%
{Rolex, Nike} -> {Apple, Hublot, McD, Suzuki} <=> Confidence: 100.0%
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{Rolex, Hublot} -> {Apple, McD, Suzuki} <=> Confidence: 100.0%
{Rolex, Hublot} -> {Nike, McD, Suzuki} <=> Confidence: 100.0%
```

```
{Rolex, Hublot} -> {Apple, Nike, McD} <=> Confidence: 100.0%
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{Rolex, Nike, Hublot} -> {McD, Suzuki} <=> Confidence: 100.0%
```

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```

```
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{Apple, Nike, McD, Suzuki} -> {Hublot} <=> Confidence: 100.0%
{Apple, Nike, McD, Suzuki} -> {Rolex} <=> Confidence: 100.0%
{Apple, Nike, McD, Suzuki} -> {Rolex, Hublot} <=> Confidence: 100.0%
{Rolex, Apple, Nike, McD} -> {Suzuki} <=> Confidence: 100.0%
{Rolex, Apple, Nike, McD} -> {Hublot} <=> Confidence: 100.0%
{Rolex, Apple, Nike, McD} -> {Hublot, Suzuki} <=> Confidence: 100.0%
{Fossil, GUCCI} -> {Audi, Titan, OnePlus} <=> Confidence: 100.0%
{Fossil, GUCCI} -> {Audi, Starbucks, OnePlus} <=> Confidence: 100.0%
{Fossil, GUCCI} -> {Audi, Titan, Starbucks} <=> Confidence: 100.0%
{Fossil, GUCCI} -> {Titan, Starbucks, OnePlus} <=> Confidence: 100.0%
{Fossil, GUCCI} -> {Audi, Titan, Starbucks, OnePlus} <=> Confidence: 100.0%
{OnePlus, GUCCI} -> {Audi, Fossil, Titan} <=> Confidence: 100.0%
{OnePlus, GUCCI} -> {Audi, Fossil, Starbucks} <=> Confidence: 100.0%
{OnePlus, GUCCI} -> {Audi, Titan, Starbucks} <=> Confidence: 100.0%
{OnePlus, GUCCI} -> {Fossil, Titan, Starbucks} <=> Confidence: 100.0%
{OnePlus, GUCCI} -> {Audi, Fossil, Titan, Starbucks} <=> Confidence: 100.0%
{Audi, Fossil, GUCCI} -> {Titan, OnePlus} <=> Confidence: 100.0%
{Audi, Fossil, GUCCI} -> {Starbucks, OnePlus} <=> Confidence: 100.0%
{Audi, Fossil, GUCCI} -> {Titan, Starbucks} <=> Confidence: 100.0%
{Audi, Fossil, GUCCI} -> {Titan, Starbucks, OnePlus} <=> Confidence: 100.0%
{Audi, Titan, OnePlus} -> {Fossil, GUCCI} <=> Confidence: 33.33%
{Audi, Titan, OnePlus} -> {Fossil, Starbucks} <=> Confidence: 33.33%
{Audi, Titan, OnePlus} -> {Starbucks, GUCCI} <=> Confidence: 33.33%
{Audi, Titan, OnePlus} -> {Fossil, Starbucks, GUCCI} <=> Confidence: 33.33%
{Audi, Titan, GUCCI} -> {Fossil, OnePlus} <=> Confidence: 100.0%
{Audi, Titan, GUCCI} -> {Starbucks, Fossil} <=> Confidence: 100.0%
{Audi, Titan, GUCCI} -> {Starbucks, OnePlus} <=> Confidence: 100.0%
```

```
{Audi, Titan, GUCCI} -> {Fossil, Starbucks, OnePlus} <=> Confidence: 100.0%
{Audi, OnePlus, GUCCI} -> {Fossil, Titan} <=> Confidence: 100.0%
{Audi, OnePlus, GUCCI} -> {Fossil, Starbucks} <=> Confidence: 100.0%
{Audi, OnePlus, GUCCI} -> {Titan, Starbucks} <=> Confidence: 100.0%
{Audi, OnePlus, GUCCI} -> {Fossil, Titan, Starbucks} <=> Confidence: 100.0%
{Fossil, Titan, OnePlus} -> {Audi, GUCCI} <=> Confidence: 100.0%
{Fossil, Titan, OnePlus} -> {Audi, Starbucks} <=> Confidence: 100.0%
{Fossil, Titan, OnePlus} -> {Starbucks, GUCCI} <=> Confidence: 100.0%
{Fossil, Titan, OnePlus} -> {Audi, Starbucks, GUCCI} <=> Confidence: 100.0%
{Fossil, Titan, GUCCI} -> {Audi, OnePlus} <=> Confidence: 100.0%
{Fossil, Titan, GUCCI} -> {Starbucks, OnePlus} <=> Confidence: 100.0%
{Fossil, Titan, GUCCI} -> {Audi, Starbucks, OnePlus} <=> Confidence: 100.0%
{Fossil, OnePlus, GUCCI} -> {Audi, Titan} <=> Confidence: 100.0%
{Fossil, OnePlus, GUCCI} -> {Audi, Starbucks} <=> Confidence: 100.0%
{Fossil, OnePlus, GUCCI} -> {Titan, Starbucks} <=> Confidence: 100.0%
{Fossil, OnePlus, GUCCI} -> {Audi, Titan, Starbucks} <=> Confidence: 100.0%
{Titan, OnePlus, GUCCI} -> {Audi, Fossil} <=> Confidence: 100.0%
{Titan, OnePlus, GUCCI} -> {Audi, Starbucks} <=> Confidence: 100.0%
{Titan, OnePlus, GUCCI} -> {Fossil, Starbucks} <=> Confidence: 100.0%
{Titan, OnePlus, GUCCI} -> {Audi, Fossil, Starbucks} <=> Confidence: 100.0%
{Audi, Fossil, Titan, OnePlus} -> {GUCCI} <=> Confidence: 100.0%
{Audi, Fossil, Titan, OnePlus} -> {Starbucks} <=> Confidence: 100.0%
{Audi, Fossil, Titan, OnePlus} -> {Starbucks, GUCCI} <=> Confidence: 100.0%
{Audi, Fossil, Titan, GUCCI} -> {OnePlus} <=> Confidence: 100.0%
{Audi, Fossil, Titan, GUCCI} -> {Starbucks, OnePlus} <=> Confidence: 100.0%
{Audi, Fossil, OnePlus, GUCCI} -> {Titan} <=> Confidence: 100.0%
{Audi, Fossil, OnePlus, GUCCI} -> {Starbucks} <=> Confidence: 100.0%
{Audi, Fossil, OnePlus, GUCCI} -> {Titan, Starbucks} <=> Confidence: 100.0%
{Audi, Titan, OnePlus, GUCCI} -> {Fossil} <=> Confidence: 100.0%
{Audi, Titan, OnePlus, GUCCI} -> {Starbucks} <=> Confidence: 100.0%
{Audi, Titan, OnePlus, GUCCI} -> {Fossil, Starbucks} <=> Confidence: 100.0%
{Fossil, Titan, OnePlus, GUCCI} -> {Audi} <=> Confidence: 100.0%
{Fossil, Titan, OnePlus, GUCCI} -> {Starbucks} <=> Confidence: 100.0%
{Fossil, Titan, OnePlus, GUCCI} -> {Audi, Starbucks} <=> Confidence: 100.0%
{Audi, Titan, Starbucks} -> {Fossil, OnePlus} <=> Confidence: 100.0%
{Audi, Titan, Starbucks} -> {Fossil, GUCCI} <=> Confidence: 100.0%
{Audi, Titan, Starbucks} -> {OnePlus, GUCCI} <=> Confidence: 100.0%
{Audi, Titan, Starbucks} -> {Fossil, OnePlus, GUCCI} <=> Confidence: 100.0%
{Fossil, Titan, Starbucks} -> {Audi, OnePlus} <=> Confidence: 100.0%
{Fossil, Titan, Starbucks} -> {OnePlus, GUCCI} <=> Confidence: 100.0%
{Fossil, Titan, Starbucks} -> {Audi, OnePlus, GUCCI} <=> Confidence: 100.0%
{Titan, Starbucks, OnePlus} -> {Audi, Fossil} <=> Confidence: 100.0%
{Titan, Starbucks, OnePlus} -> {Audi, GUCCI} <=> Confidence: 100.0%
{Titan, Starbucks, OnePlus} -> {Fossil, GUCCI} <=> Confidence: 100.0%
{Titan, Starbucks, OnePlus} -> {Audi, Fossil, GUCCI} <=> Confidence: 100.0%
{Audi, Fossil, Titan, Starbucks} -> {OnePlus} <=> Confidence: 100.0%
```

```
{Audi, Fossil, Titan, Starbucks} -> {OnePlus, GUCCI} <=> Confidence: 100.0%
{Audi, Fossil, Starbucks, OnePlus} -> {Titan} <=> Confidence: 100.0%
{Audi, Fossil, Starbucks, OnePlus} -> {GUCCI} <=> Confidence: 100.0%
{Audi, Fossil, Starbucks, OnePlus} -> {Titan, GUCCI} <=> Confidence: 100.0%
{Audi, Titan, Starbucks, OnePlus} -> {Fossil} <=> Confidence: 100.0%
{Audi, Titan, Starbucks, OnePlus} -> {GUCCI} <=> Confidence: 100.0%
{Audi, Titan, Starbucks, OnePlus} -> {Fossil, GUCCI} <=> Confidence: 100.0%
{Fossil, Titan, Starbucks, OnePlus} -> {Audi} <=> Confidence: 100.0%
{Fossil, Titan, Starbucks, OnePlus} -> {GUCCI} <=> Confidence: 100.0%
{Fossil, Titan, Starbucks, OnePlus} -> {Audi, GUCCI} <=> Confidence: 100.0%
{Starbucks, GUCCI} -> {Audi, Fossil, OnePlus} <=> Confidence: 100.0%
{Starbucks, GUCCI} -> {Audi, Titan, Fossil} <=> Confidence: 100.0%
{Starbucks, GUCCI} -> {Audi, Titan, OnePlus} <=> Confidence: 100.0%
{Starbucks, GUCCI} -> {Fossil, Titan, OnePlus} <=> Confidence: 100.0%
{Starbucks, GUCCI} -> {Audi, Fossil, Titan, OnePlus} <=> Confidence: 100.0%
{Audi, Starbucks, GUCCI} -> {Fossil, OnePlus} <=> Confidence: 100.0%
{Audi, Starbucks, GUCCI} -> {Titan, Fossil} <=> Confidence: 100.0%
{Audi, Starbucks, GUCCI} -> {Titan, OnePlus} <=> Confidence: 100.0%
{Audi, Starbucks, GUCCI} -> {Fossil, Titan, OnePlus} <=> Confidence: 100.0%
{Fossil, Starbucks, GUCCI} -> {Audi, OnePlus} <=> Confidence: 100.0%
{Fossil, Starbucks, GUCCI} -> {Titan, OnePlus} <=> Confidence: 100.0%
{Fossil, Starbucks, GUCCI} -> {Audi, Titan, OnePlus} <=> Confidence: 100.0%
{Starbucks, OnePlus, GUCCI} -> {Audi, Fossil} <=> Confidence: 100.0%
{Starbucks, OnePlus, GUCCI} -> {Audi, Titan} <=> Confidence: 100.0%
{Starbucks, OnePlus, GUCCI} -> {Fossil, Titan} <=> Confidence: 100.0%
{Starbucks, OnePlus, GUCCI} -> {Audi, Fossil, Titan} <=> Confidence: 100.0%
{Audi, Fossil, Starbucks, GUCCI} -> {OnePlus} <=> Confidence: 100.0%
{Audi, Fossil, Starbucks, GUCCI} -> {Titan, OnePlus} <=> Confidence: 100.0%
{Audi, Starbucks, OnePlus, GUCCI} -> {Fossil} <=> Confidence: 100.0%
{Audi, Starbucks, OnePlus, GUCCI} -> {Titan} <=> Confidence: 100.0%
{Audi, Starbucks, OnePlus, GUCCI} -> {Fossil, Titan} <=> Confidence: 100.0%
{Fossil, Starbucks, OnePlus, GUCCI} -> {Audi} <=> Confidence: 100.0%
{Fossil, Starbucks, OnePlus, GUCCI} -> {Titan} <=> Confidence: 100.0%
{Fossil, Starbucks, OnePlus, GUCCI} -> {Audi, Titan} <=> Confidence: 100.0%
{Audi, Titan, Fossil} -> {Starbucks, GUCCI} <=> Confidence: 100.0%
{Titan, Starbucks, Fossil} -> {Audi, GUCCI} <=> Confidence: 100.0%
{Titan, Starbucks, GUCCI} -> {Audi, Fossil} <=> Confidence: 100.0%
{Titan, Starbucks, GUCCI} -> {Audi, OnePlus} <=> Confidence: 100.0%
{Titan, Starbucks, GUCCI} -> {Fossil, OnePlus} <=> Confidence: 100.0%
{Titan, Starbucks, GUCCI} -> {Audi, Fossil, OnePlus} <=> Confidence: 100.0%
{Titan, Fossil, GUCCI} -> {Audi, Starbucks} <=> Confidence: 100.0%
{Starbucks, Fossil, GUCCI} -> {Audi, Titan} <=> Confidence: 100.0%
{Audi, Titan, Starbucks, Fossil} -> {GUCCI} <=> Confidence: 100.0%
{Audi, Titan, Starbucks, GUCCI} -> {Fossil} <=> Confidence: 100.0%
{Audi, Titan, Starbucks, GUCCI} -> {OnePlus} <=> Confidence: 100.0%
{Audi, Titan, Starbucks, GUCCI} -> {Fossil, OnePlus} <=> Confidence: 100.0%
```

```
{Audi, Titan, Fossil, GUCCI} -> {Starbucks} <=> Confidence: 100.0%
{Audi, Starbucks, Fossil, GUCCI} -> {Titan} <=> Confidence: 100.0%
{Titan, Starbucks, Fossil, GUCCI} -> {Audi} <=> Confidence: 100.0%
{Titan, Starbucks, OnePlus, GUCCI} -> {Audi} <=> Confidence: 100.0%
{Titan, Starbucks, OnePlus, GUCCI} -> {Fossil} <=> Confidence: 100.0%
{Titan, Starbucks, OnePlus, GUCCI} -> {Audi, Fossil} <=> Confidence: 100.0%
{Fossil, Titan, Starbucks, GUCCI} -> {OnePlus} <=> Confidence: 100.0%
{Fossil, Titan, Starbucks, GUCCI} -> {Audi, OnePlus} <=> Confidence: 100.0%
{Coach, IQOO} -> {Tesla, Subway, Chanel} <=> Confidence: 50.0%
{Coach, IQOO} -> {Tesla, Swiss, Chanel} <=> Confidence: 50.0%
{Coach, IQOO} -> {Tesla, Swiss, Subway} <=> Confidence: 50.0%
{Coach, IQOO} -> {Swiss, Subway, Chanel} <=> Confidence: 50.0%
{Subway, IQOO} -> {Tesla, Coach, Chanel} <=> Confidence: 100.0%
{Subway, IQOO} -> {Tesla, Swiss, Coach} <=> Confidence: 100.0%
{Subway, IQOO} -> {Tesla, Swiss, Chanel} <=> Confidence: 100.0%
{Subway, IOOO} -> {Swiss, Coach, Chanel} <=> Confidence: 100.0%
{Chanel, IQOO} -> {Tesla, Coach, Subway} <=> Confidence: 100.0%
{Chanel, IQOO} -> {Tesla, Swiss, Coach} <=> Confidence: 100.0%
{Chanel, IQOO} -> {Tesla, Swiss, Subway} <=> Confidence: 100.0%
{Chanel, IQOO} -> {Swiss, Coach, Subway} <=> Confidence: 100.0%
{Tesla, Coach, IQOO} -> {Subway, Chanel} <=> Confidence: 50.0%
{Tesla, Coach, IQOO} -> {Swiss, Chanel} <=> Confidence: 50.0%
{Tesla, Coach, IQOO} -> {Swiss, Subway} <=> Confidence: 50.0%
{Tesla, Subway, IQOO} -> {Coach, Chanel} <=> Confidence: 100.0%
{Tesla, Subway, IQOO} -> {Swiss, Coach} <=> Confidence: 100.0%
{Tesla, Subway, IQOO} -> {Swiss, Chanel} <=> Confidence: 100.0%
{Tesla, Chanel, IQOO} -> {Coach, Subway} <=> Confidence: 100.0%
{Tesla, Chanel, IOOO} -> {Swiss, Coach} <=> Confidence: 100.0%
{Tesla, Chanel, IQOO} -> {Swiss, Subway} <=> Confidence: 100.0%
{Coach, Subway, IQOO} -> {Tesla, Chanel} <=> Confidence: 100.0%
{Coach, Subway, IQOO} -> {Tesla, Swiss} <=> Confidence: 100.0%
{Coach, Subway, IQOO} -> {Swiss, Chanel} <=> Confidence: 100.0%
{Coach, Chanel, IQOO} -> {Tesla, Subway} <=> Confidence: 100.0%
{Coach, Chanel, IQOO} -> {Tesla, Swiss} <=> Confidence: 100.0%
{Coach, Chanel, IQOO} -> {Swiss, Subway} <=> Confidence: 100.0%
{Subway, Chanel, IQOO} -> {Tesla, Coach} <=> Confidence: 100.0%
{Subway, Chanel, IQOO} -> {Tesla, Swiss} <=> Confidence: 100.0%
{Subway, Chanel, IOOO} -> {Swiss, Coach} <=> Confidence: 100.0%
{Tesla, Coach, Subway, Chanel} -> {IQOO} <=> Confidence: 50.0%
{Tesla, Coach, Subway, Chanel} -> {Swiss} <=> Confidence: 50.0%
{Tesla, Coach, Subway, Chanel} -> {Swiss, IQOO} <=> Confidence: 50.0%
{Tesla, Coach, Subway, IQOO} -> {Chanel} <=> Confidence: 100.0%
{Tesla, Coach, Subway, IQOO} -> {Swiss} <=> Confidence: 100.0%
{Tesla, Coach, Chanel, IQOO} -> {Subway} <=> Confidence: 100.0%
{Tesla, Coach, Chanel, IQOO} -> {Swiss} <=> Confidence: 100.0%
{Tesla, Subway, Chanel, IOOO} -> {Coach} <=> Confidence: 100.0%
```

```
{Tesla, Subway, Chanel, IQOO} -> {Swiss} <=> Confidence: 100.0%
{Coach, Subway, Chanel, IQOO} -> {Tesla} <=> Confidence: 100.0%
{Coach, Subway, Chanel, IOOO} -> {Swiss} <=> Confidence: 100.0%
{Swiss, Coach} -> {Tesla, Chanel, IQOO} <=> Confidence: 100.0%
{Swiss, Coach} -> {Tesla, Subway, IQOO} <=> Confidence: 100.0%
{Swiss, Coach} -> {Tesla, Subway, Chanel} <=> Confidence: 100.0%
{Swiss, Coach} -> {Subway, Chanel, IQOO} <=> Confidence: 100.0%
{Swiss, Coach} -> {Tesla, IQOO, Subway, Chanel} <=> Confidence: 100.0%
{Swiss, IQOO} -> {Tesla, Coach, Chanel} <=> Confidence: 100.0%
{Swiss, IQOO} -> {Tesla, Coach, Subway} <=> Confidence: 100.0%
{Swiss, IQOO} -> {Tesla, Subway, Chanel} <=> Confidence: 100.0%
{Swiss, IQOO} -> {Coach, Subway, Chanel} <=> Confidence: 100.0%
{Swiss, IQOO} -> {Tesla, Coach, Subway, Chanel} <=> Confidence: 100.0%
{Tesla, Swiss, Coach} -> {Chanel, IQOO} <=> Confidence: 100.0%
{Tesla, Swiss, Coach} -> {Subway, IQOO} <=> Confidence: 100.0%
{Tesla, Swiss, Coach} -> {Subway, Chanel} <=> Confidence: 100.0%
{Tesla, Swiss, Coach} -> {IQOO, Subway, Chanel} <=> Confidence: 100.0%
{Tesla, Swiss, IOOO} -> {Coach, Chanel} <=> Confidence: 100.0%
{Tesla, Swiss, IQOO} -> {Coach, Subway} <=> Confidence: 100.0%
{Tesla, Swiss, IQOO} -> {Subway, Chanel} <=> Confidence: 100.0%
{Tesla, Swiss, IQOO} -> {Coach, Subway, Chanel} <=> Confidence: 100.0%
{Swiss, Coach, Chanel} -> {Tesla, IQOO} <=> Confidence: 100.0%
{Swiss, Coach, Chanel} -> {Tesla, Subway} <=> Confidence: 100.0%
{Swiss, Coach, Chanel} -> {Subway, IQOO} <=> Confidence: 100.0%
{Swiss, Coach, Chanel} -> {Tesla, IQOO, Subway} <=> Confidence: 100.0%
{Swiss, Coach, IOOO} -> {Tesla, Chanel} <=> Confidence: 100.0%
{Swiss, Coach, IQOO} -> {Tesla, Subway} <=> Confidence: 100.0%
{Swiss, Coach, IQOO} -> {Subway, Chanel} <=> Confidence: 100.0%
{Swiss, Chanel, IQOO} -> {Tesla, Coach} <=> Confidence: 100.0%
{Swiss, Chanel, IQOO} -> {Tesla, Subway} <=> Confidence: 100.0%
{Swiss, Chanel, IQOO} -> {Coach, Subway} <=> Confidence: 100.0%
{Tesla, Swiss, Coach, Chanel} -> {IQOO} <=> Confidence: 100.0%
{Tesla, Swiss, Coach, Chanel} -> {Subway} <=> Confidence: 100.0%
{Tesla, Swiss, Coach, Chanel} -> {IOOO, Subway} <=> Confidence: 100.0%
{Tesla, Swiss, Coach, IQOO} -> {Chanel} <=> Confidence: 100.0%
{Tesla, Swiss, Coach, IQOO} -> {Subway} <=> Confidence: 100.0%
{Tesla, Swiss, Chanel, IQOO} -> {Coach} <=> Confidence: 100.0%
{Tesla, Swiss, Chanel, IQOO} -> {Subway} <=> Confidence: 100.0%
{Swiss, Coach, Chanel, IQOO} -> {Tesla} <=> Confidence: 100.0%
{Swiss, Coach, Chanel, IQOO} -> {Subway} <=> Confidence: 100.0%
{Swiss, Coach, Subway} -> {Tesla, IQOO} <=> Confidence: 100.0%
{Swiss, Coach, Subway} -> {Tesla, Chanel} <=> Confidence: 100.0%
{Swiss, Coach, Subway} -> {Chanel, IQOO} <=> Confidence: 100.0%
{Swiss, Coach, Subway} -> {Tesla, IQOO, Chanel} <=> Confidence: 100.0%
{Swiss, Subway, IQOO} -> {Tesla, Coach} <=> Confidence: 100.0%
{Swiss, Subway, IOOO} -> {Tesla, Chanel} <=> Confidence: 100.0%
```

```
{Swiss, Subway, IQOO} -> {Coach, Chanel} <=> Confidence: 100.0%
{Tesla, Swiss, Coach, Subway} -> {IQOO} <=> Confidence: 100.0%
{Tesla, Swiss, Coach, Subway} -> {Chanel} <=> Confidence: 100.0%
{Tesla, Swiss, Coach, Subway} -> {IQOO, Chanel} <=> Confidence: 100.0%
{Tesla, Swiss, Subway, IQOO} -> {Coach} <=> Confidence: 100.0%
{Tesla, Swiss, Subway, IQOO} -> {Chanel} <=> Confidence: 100.0%
{Swiss, Coach, Subway, IQOO} -> {Tesla} <=> Confidence: 100.0%
{Swiss, Coach, Subway, IQOO} -> {Chanel} <=> Confidence: 100.0%
{Swiss, Subway, Chanel} -> {Tesla, IQOO} <=> Confidence: 100.0%
{Swiss, Subway, Chanel} -> {Tesla, Coach} <=> Confidence: 100.0%
{Swiss, Subway, Chanel} -> {Coach, IQOO} <=> Confidence: 100.0%
{Swiss, Subway, Chanel} -> {Tesla, IQOO, Coach} <=> Confidence: 100.0%
{Tesla, Swiss, Subway, Chanel} -> {IQOO} <=> Confidence: 100.0%
{Tesla, Swiss, Subway, Chanel} -> {Coach} <=> Confidence: 100.0%
{Tesla, Swiss, Subway, Chanel} -> {IQOO, Coach} <=> Confidence: 100.0%
{Swiss, Subway, Chanel, IOOO} -> {Tesla} <=> Confidence: 100.0%
{Swiss, Subway, Chanel, IQOO} -> {Coach} <=> Confidence: 100.0%
{Swiss, Coach, Subway, Chanel} -> {Tesla} <=> Confidence: 100.0%
{Swiss, Coach, Subway, Chanel} -> {IQOO} <=> Confidence: 100.0%
{Swiss, Coach, Subway, Chanel} -> {Tesla, IQOO} <=> Confidence: 100.0%
{Rolex, Apple, Nike, Hublot, McD} -> {Suzuki} <=> Confidence: 100.0%
{Rolex, Apple, Nike, Hublot, Suzuki} -> {McD} <=> Confidence: 100.0%
{Rolex, Apple, Nike, McD, Suzuki} -> {Hublot} <=> Confidence: 100.0%
{Rolex, Apple, Hublot, McD, Suzuki} -> {Nike} <=> Confidence: 100.0%
{Rolex, Nike, Hublot, McD, Suzuki} -> {Apple} <=> Confidence: 100.0%
{Apple, Nike, Hublot, McD, Suzuki} -> {Rolex} <=> Confidence: 100.0%
{Audi, Fossil, Titan, Starbucks, OnePlus} -> {GUCCI} <=> Confidence: 100.0%
{Audi, Fossil, Titan, Starbucks, GUCCI} -> {OnePlus} <=> Confidence: 100.0%
{Audi, Fossil, Titan, OnePlus, GUCCI} -> {Starbucks} <=> Confidence: 100.0%
{Audi, Fossil, Starbucks, OnePlus, GUCCI} -> {Titan} <=> Confidence: 100.0%
{Audi, Titan, Starbucks, OnePlus, GUCCI} -> {Fossil} <=> Confidence: 100.0%
{Fossil, Titan, Starbucks, OnePlus, GUCCI} -> {Audi} <=> Confidence: 100.0%
{Swiss, IQOO, Coach} -> {Tesla, Subway, Chanel} <=> Confidence: 100.0%
{Swiss, IQOO, Subway} -> {Tesla, Coach, Chanel} <=> Confidence: 100.0%
{Swiss, IQOO, Chanel} -> {Tesla, Coach, Subway} <=> Confidence: 100.0%
{Tesla, Swiss, IQOO, Coach} -> {Subway, Chanel} <=> Confidence: 100.0%
{Tesla, Swiss, IQOO, Subway} -> {Coach, Chanel} <=> Confidence: 100.0%
{Tesla, Swiss, IOOO, Chanel} -> {Coach, Subway} <=> Confidence: 100.0%
{Tesla, IQOO, Coach, Subway} -> {Swiss, Chanel} <=> Confidence: 100.0%
{Tesla, IQOO, Coach, Chanel} -> {Swiss, Subway} <=> Confidence: 100.0%
{Tesla, IQOO, Subway, Chanel} -> {Swiss, Coach} <=> Confidence: 100.0%
{Swiss, IQOO, Coach, Subway} -> {Tesla, Chanel} <=> Confidence: 100.0%
{Swiss, IQOO, Coach, Chanel} -> {Tesla, Subway} <=> Confidence: 100.0%
{Swiss, IQOO, Subway, Chanel} -> {Tesla, Coach} <=> Confidence: 100.0%
{IQOO, Coach, Subway, Chanel} -> {Tesla, Swiss} <=> Confidence: 100.0%
{Tesla, Swiss, IQOO, Coach, Subway} -> {Chanel} <=> Confidence: 100.0%
```

```
{Tesla, Swiss, IQOO, Coach, Chanel} -> {Subway} <=> Confidence: 100.0% {Tesla, Swiss, IQOO, Subway, Chanel} -> {Coach} <=> Confidence: 100.0% {Tesla, Swiss, Coach, Subway, Chanel} -> {IQOO} <=> Confidence: 100.0% {Tesla, IQOO, Coach, Subway, Chanel} -> {Swiss} <=> Confidence: 100.0% {Swiss, IQOO, Coach, Subway, Chanel} -> {Tesla} <=> Confidence: 100.0% Total Time taken for Computation using Brute Force: 0.742864685058594
```

Database 4:

```
import pandas as pd
import time
from itertools import combinations
import math
db1 = pd.read_csv('d:/4.csv', header = None)
print("Database 4:")
orint(db1)
print()
db1_l = db1.values.tolist() #Converting CSV to List
db1 list = []
for i in db1_l:
 1 = []
  for j in i:
   if type(j) == str: #Removing Nan values (Not A Number) from Transactions
      j = j.strip()
      1.append(j)
 db1 list.append(1)
print("Transactions After Removing Redundancy:")
for i in db1 list:
 print(i)
print()
total_transactions = len(db1_list) #Total No. of. Transactions
min_support = float(input("Minimum Support (In %): "))
min_confidence = float(input("Minimum Confidence (In %): "))
start time = time.time() #Stores particular instance of time immediately after
triggering the program
s = total_transactions * (min_support / 100) #Converting min_support from
percentage to float
size = 0
ans = []
flist = []
items = []
association_rules = {}
def freq(list_1): #Function to calculate frequency
 f = \{\}
```

```
if size == 0:
    for i in list_l:
      for j in i:
        if j not in f.keys():
          f[j] = 1
          items.append(j)
        else:
          f[j] = f[j] + 1
  elif size>0:
    for i in list_l:
      if i not in f.keys():
        f[i] = 1
      else:
        f[i] += 1
  flist.append(f)
def checkminsup(list_1):
  1=[]
  freq(list 1)
  for i in flist[size].keys():
    1.append(i)
  ans.append(1)
def unique_items(list_1): #Function to return all the unique items
  1 = []
  if size == 1:
   l = list_1
  else:
    for i in list 1:
     for j in i:
        if j not in 1:
          1.append(j)
def calc_sup(count_itemset, count_total): #Function that computes support
 temp s = 100 * (count itemset / count total)
  return temp_s
def calc_conf(count_LHSRHS, count_LHS): #Function that computes confidence
  temp_c = 100 * (count_LHSRHS / count_LHS)
  return temp_c
def fact(a, b): # Return Factorial for Total No of Combinations
  return math.factorial(a)/math.factorial(b)
```

```
def calc_confidence(): #Stores all the subsets of frequent itemsets to
calculate confidence
 for item in fans:
   if (len(item)) < 2: #Confidence cannot be computed for Itemsets of size 1
      continue
   for i in range(1, len(item)):
      LHS = [] #Stores LHS part of the Association Rule
      RHS = [] #Stores RHS part of the Association Rule
      idx = [] #Stores the position of index in the LHS part
      for j in range(i):
        idx.append(j)
      for j in idx:
        LHS.append(item[j])
      for j in range(len(item)):
        if j not in idx:
          RHS.append(item[j])
      total_count = 0 #Total No. of. Transactions in the Database
      LHS count = 0 #Total No. of. Occurences of the item in the LHS part
      for ITEM in range(len(db1_list)):
        if (all(x in db1_list[ITEM] for x in LHS)):
          LHS count += 1
          if (all(x in db1 list[ITEM] for x in RHS)):
            total_count += 1
      temp c = calc conf(calc sup(total count, total transactions),
calc_sup(LHS_count, total_transactions))
      if temp_c >= min_confidence: #Eliminates Association Rules if confidence
< min_confidence</pre>
       key = ""
        val = ""
        for j in LHS:
          key += " " + j
        key = key.strip()
        for j in RHS:
         val += " " + j
        val = val.strip()
        if key in association_rules.keys():
          association rules[key].append([val, round(temp c, 2)])
```

```
else:
          1 = []
          1.append([val, round(temp_c, 2)])
          association_rules[key] = 1
      last_idx = len(idx) - 1
      total_combinations = fact(len(item), i)
      while total_combinations:
        LHS = [] #Emptying LHS
        RHS = [] #Emptying RHS
        for j in range(i-1, -1, -1):
          if (idx[j] < (len(item)-(last_idx-j)-1)):</pre>
            t_idx = idx[j] + 1
            for k in range(j, i):
              idx[k] = t_idx
              t_idx += 1
            break
          else:
            continue
        for j in idx: #Stores LHS
          LHS.append(item[j])
        for j in range(len(item)): #Stores RHS
          if j not in idx:
            RHS.append(item[j])
        total_count = 0 #Total No. of. Transactions in the Database
        LHS_count = 0 #Total No. of. Occurences of the item in the LHS part
        for ITEM in range(len(db1 list)):
          if (all(x in db1_list[ITEM] for x in LHS)):
            LHS count += 1
            if (all(x in db1_list[ITEM] for x in RHS)):
              total_count += 1
        temp_c = calc_conf(calc_sup(total_count, total_transactions),
calc_sup(LHS_count, total_transactions))
        if temp_c < min_confidence:</pre>
          total_combinations -= 1
          continue
```

```
key = "" #Ignores Association Rules if confidence < min_confidence</pre>
        val = ""
        for j in LHS:
          key += " " + j
        key = key.strip()
        for j in RHS:
          val += " " + j
        val = val.strip()
        if key in association_rules.keys():
          if (val not in [item[0] for item in association_rules[key]]):
            association_rules[key].append([val, round(temp_c, 2)])
        else:
          temp = []
          temp.append([val, round(temp_c, 2)])
          association_rules[key] = temp
        total_combinations -= 1
if size == 0:
  checkminsup(db1_list) #Helps in identifying Frequent Itemsets of size 1
  size += 1
while len(ans[-1]) > 0: #Helps in identifying Frequent Itemsets of size > 1
  newl1 = unique items(ans[size-1])
  newl1 = combinations(newl1, size+1)
  newl1 = list(newl1)
 f1 = []
  for i in newl1:
    for j in db1 list:
      condition = set(i).issubset(set(j))
      if condition:
        fl.append(frozenset(i))
  checkminsup(fl)
  size += 1
for i in range(len(ans)-1): #Printing all the possible Frequent Itemsets
  print("\nFrequent Itemset", end = "")
 if len(ans[i]) > 1:
    print("s", end = "")
  print(" of Size", i+1, "Satisfying Minimum Support Condition", end = ":\n")
  if i == 0:
    for j in ans[i]:
      fval = flist[i][j]
      print("{", end = "")
      print(j, end = "")
```

```
print("}:", fval)
  else:
    for j in ans[i]:
      fval = flist[i][j]
      k = list(j)
      print("{", end = "")
      for 1 in k[:-1]:
        print(1, end = ", ")
      print(k[-1], end = "}: ")
      print(fval)
fans = []
for i in range(len(ans)):
 if i == 0:
    for j in ans[i]:
     fans.append([j])
  else:
    for j in ans[i]:
      k = list(j)
      fans.append(k)
if(ans[1] != []): #Calculating confidence of all the possible itemsets
  calc_confidence()
  print("\nConfidence of all the Possible Association Rules:")
  for key in association_rules:
    for value in association rules[key]:
      print("{", end = "")
      for j in key:
          print(", ", end = "")
        else:
          print(j, end = "")
      print(") -> {", end = "")
      for j in range(len(value[0])):
        if value[0][j] == " ":
          if j==0:
            continue
          else:
            print(end = ", ")
        else:
          print(value[0][j], end = "")
      print(") <=> Confidence: " + str(value[1]) + "%")
total_time=time.time()-start_time
print("\nTotal Time taken for Computation using Brute Force:",total_time)
```

Output:

```
Database 4:
            1
                        3
                               4
                                      5
0
     OOQI
            Tesla Coach
                               NaN
                                        NaN
                                                NaN
1
     Apple
            Rolex Tesla
                            Coach
                                       NaN
                                                NaN
2
   OnePlus
              Audi
                      BMW
                              Hublot Starbucks
                                                    NaN
3
     IOOO
            Titan GUCCI Starbucks
                                                   NaN
                                          NaN
4
     Poco Coach Chanel
                             Subway
                                         NaN
                                                  NaN
   Samsung Hublot Adidas
5
                                 KFC
                                         Nike
                                                  McD
6
      ROG Fossil Hermes
                              IHOP
                                       GUCCI Starbucks
7
  Microsoft Swiss ZARA
                               Dunkin
                                         Chanel
                                                  Subway
8
   Bugatti Tissot
                    H&M Popeyes
                                         NaN
                                                  NaN
9
     Vivo OnePlus Audi
                             Titan
                                      GUCCI Starbucks
10
     Xiaomi
              IQOO Tesla
                              Coach
                                       Chanel
                                                 Subway
11
      Poco
             Poco
                    BMW
                              Hublot
                                       Adidas
                                                  KFC
12
    Samsung Swiss ZARA
                                Dunkin
                                          Adidas
                                                     NaN
                     H&M Popeyes
13
      ROG Tissot
                                          KFC
                                                   NaN
14
     Rolex Casio Dior Dominos
                                        IHOP
                                                  NaN
15
     Titan Omega Puma Chipotle
                                       Dunkin
                                                   NaN
16
     Coach Bugatti Tissot
                               H&M
                                      Popeyes
                                                   NaN
     Hublot Tissot
17
                     H&M
                                NaN
                                         NaN
                                                  NaN
18
     Fossil
             Puma
                     Kia
                            Omega
                                       NaN
                                                NaN
19
             Tata Pagani
     Swiss
                            Fossil
                                    Hermes
                                                NaN
Transactions After Removing Redundancy:
['IQOO', 'Tesla', 'Coach']
['Apple', 'Rolex', 'Tesla', 'Coach']
['OnePlus', 'Audi', 'BMW', 'Hublot', 'Starbucks']
['IQOO', 'Titan', 'GUCCI', 'Starbucks']
['Poco', 'Coach', 'Chanel', 'Subway']
['Samsung', 'Hublot', 'Adidas', 'KFC', 'Nike', 'McD']
['ROG', 'Fossil', 'Hermes', 'IHOP', 'GUCCI', 'Starbucks']
['Microsoft', 'Swiss', 'ZARA', 'Dunkin', 'Chanel', 'Subway']
['Bugatti', 'Tissot', 'H&M', 'Popeyes']
['Vivo', 'OnePlus', 'Audi', 'Titan', 'GUCCI', 'Starbucks']
['Xiaomi', 'IQOO', 'Tesla', 'Coach', 'Chanel', 'Subway']
['Poco', 'Poco', 'BMW', 'Hublot', 'Adidas', 'KFC']
['Samsung', 'Swiss', 'ZARA', 'Dunkin', 'Adidas']
['ROG', 'Tissot', 'H&M', 'Popeyes', 'KFC']
['Rolex', 'Casio', 'Dior', 'Dominos', 'IHOP']
['Titan', 'Omega', 'Puma', 'Chipotle', 'Dunkin']
['Coach', 'Bugatti', 'Tissot', 'H&M', 'Popeyes']
['Hublot', 'Tissot', 'H&M']
['Fossil', 'Puma', 'Kia', 'Omega']
['Swiss', 'Tata', 'Pagani', 'Fossil', 'Hermes']
```

```
Minimum Support (In %): 15
Minimum Confidence (In %): 15
Frequent Itemsets of Size 1 Satisfying Minimum Support Condition:
{IQOO}: 3
{Tesla}: 3
{Coach}: 5
{Apple}: 1
{Rolex}: 2
{OnePlus}: 2
{Audi}: 2
{BMW}: 2
{Hublot}: 4
{Starbucks}: 4
{Titan}: 3
{GUCCI}: 3
{Poco}: 3
{Chanel}: 3
{Subway}: 3
{Samsung}: 2
{Adidas}: 3
{KFC}: 3
{Nike}: 1
{McD}: 1
{ROG}: 2
{Fossil}: 3
{Hermes}: 2
{IHOP}: 2
{Microsoft}: 1
{Swiss}: 3
{ZARA}: 2
{Dunkin}: 3
{Bugatti}: 2
{Tissot}: 4
{H&M}: 4
{Popeyes}: 3
{Vivo}: 1
{Xiaomi}: 1
{Casio}: 1
{Dior}: 1
{Dominos}: 1
{Omega}: 2
{Puma}: 2
{Chipotle}: 1
{Kia}: 1
{Tata}: 1
```

```
{Pagani}: 1
Frequent Itemsets of Size 2 Satisfying Minimum Support Condition:
{IQOO, Tesla}: 2
{IQOO, Coach}: 2
{IQOO, Starbucks}: 1
{IQOO, Titan}: 1
{IQOO, GUCCI}: 1
{IQOO, Chanel}: 1
{IQOO, Subway}: 1
{IQOO, Xiaomi}: 1
{Tesla, Coach}: 3
{Tesla, Apple}: 1
{Rolex, Tesla}: 1
{Chanel, Tesla}: 1
{Subway, Tesla}: 1
{Xiaomi, Tesla}: 1
{Apple, Coach}: 1
{Rolex, Coach}: 1
{Poco, Coach}: 1
{Chanel, Coach}: 2
{Subway, Coach}: 2
{Bugatti, Coach}: 1
{Tissot, Coach}: 1
{H&M, Coach}: 1
{Popeyes, Coach}: 1
{Xiaomi, Coach}: 1
{Rolex, Apple}: 1
{IHOP, Rolex}: 1
{Casio, Rolex}: 1
{Rolex, Dior}: 1
{Rolex, Dominos}: 1
{Audi, OnePlus}: 2
{BMW, OnePlus}: 1
{Hublot, OnePlus}: 1
{Starbucks, OnePlus}: 2
{Titan, OnePlus}: 1
{GUCCI, OnePlus}: 1
{Vivo, OnePlus}: 1
{Audi, BMW}: 1
{Hublot, Audi}: 1
{Audi, Starbucks}: 2
{Audi, Titan}: 1
{GUCCI, Audi}: 1
{Audi, Vivo}: 1
{Hublot, BMW}: 2
```

```
{Starbucks, BMW}: 1
{Poco, BMW}: 1
{Adidas, BMW}: 1
{KFC, BMW}: 1
{Hublot, Starbucks}: 1
{Hublot, Poco}: 1
{Hublot, Samsung}: 1
{Hublot, Adidas}: 2
{Hublot, KFC}: 2
{Hublot, Nike}: 1
{Hublot, McD}: 1
{Hublot, Tissot}: 1
{Hublot, H&M}: 1
{Starbucks, Titan}: 2
{GUCCI, Starbucks}: 3
{Starbucks, ROG}: 1
{Fossil, Starbucks}: 1
{Starbucks, Hermes}: 1
{IHOP, Starbucks}: 1
{Starbucks, Vivo}: 1
{GUCCI, Titan}: 2
{Titan, Dunkin}: 1
{Vivo, Titan}: 1
{Titan, Omega}: 1
{Puma, Titan}: 1
{Titan, Chipotle}: 1
{GUCCI, ROG}: 1
{GUCCI, Fossil}: 1
{GUCCI, Hermes}: 1
{GUCCI, IHOP}: 1
{GUCCI, Vivo}: 1
{Poco, Chanel}: 1
{Subway, Poco}: 1
{Poco, Adidas}: 1
{KFC, Poco}: 1
{Subway, Chanel}: 3
{Microsoft, Chanel}: 1
{Chanel, Swiss}: 1
{Chanel, ZARA}: 1
{Chanel, Dunkin}: 1
{Chanel, Xiaomi}: 1
{Microsoft, Subway}: 1
{Subway, Swiss}: 1
{Subway, ZARA}: 1
{Subway, Dunkin}: 1
{Subway, Xiaomi}: 1
```

```
{Adidas, Samsung}: 2
{KFC, Samsung}: 1
{Nike, Samsung}: 1
{McD, Samsung}: 1
{Swiss, Samsung}: 1
{Samsung, ZARA}: 1
{Samsung, Dunkin}: 1
{KFC, Adidas}: 2
{Nike, Adidas}: 1
{McD, Adidas}: 1
{Swiss, Adidas}: 1
{Adidas, ZARA}: 1
{Adidas, Dunkin}: 1
{KFC, Nike}: 1
{McD, KFC}: 1
{KFC, ROG}: 1
{KFC, Tissot}: 1
{KFC, H&M}: 1
{KFC, Popeyes}: 1
{McD, Nike}: 1
{Fossil, ROG}: 1
{Hermes, ROG}: 1
{IHOP, ROG}: 1
{Tissot, ROG}: 1
{H&M, ROG}: 1
{Popeyes, ROG}: 1
{Fossil, Hermes}: 2
{IHOP, Fossil}: 1
{Fossil, Swiss}: 1
{Fossil, Omega}: 1
{Puma, Fossil}: 1
{Kia, Fossil}: 1
{Tata, Fossil}: 1
{Fossil, Pagani}: 1
{IHOP, Hermes}: 1
{Swiss, Hermes}: 1
{Tata, Hermes}: 1
{Pagani, Hermes}: 1
{IHOP, Casio}: 1
{IHOP, Dior}: 1
{IHOP, Dominos}: 1
{Microsoft, Swiss}: 1
{Microsoft, ZARA}: 1
{Microsoft, Dunkin}: 1
{Swiss, ZARA}: 2
{Swiss, Dunkin}: 2
```

```
{Tata, Swiss}: 1
{Pagani, Swiss}: 1
{Dunkin, ZARA}: 2
{Omega, Dunkin}: 1
{Puma, Dunkin}: 1
{Chipotle, Dunkin}: 1
{Bugatti, Tissot}: 2
{Bugatti, H&M}: 2
{Bugatti, Popeyes}: 2
{H&M, Tissot}: 4
{Popeyes, Tissot}: 3
{H&M, Popeyes}: 3
{Casio, Dior}: 1
{Casio, Dominos}: 1
{Dominos, Dior}: 1
{Puma, Omega}: 2
{Chipotle, Omega}: 1
{Kia, Omega}: 1
{Puma, Chipotle}: 1
{Puma, Kia}: 1
{Tata, Pagani}: 1
Frequent Itemsets of Size 3 Satisfying Minimum Support Condition:
{IQOO, Tesla, Coach}: 2
{IQOO, Chanel, Tesla}: 1
{IOOO, Subway, Tesla}: 1
{IQOO, Xiaomi, Tesla}: 1
{IQOO, Chanel, Coach}: 1
{IQOO, Subway, Coach}: 1
{IQOO, Xiaomi, Coach}: 1
{IQOO, Starbucks, Titan}: 1
{IQOO, GUCCI, Starbucks}: 1
{IQOO, GUCCI, Titan}: 1
{IQOO, Subway, Chanel}: 1
{IQOO, Chanel, Xiaomi}: 1
{IQOO, Subway, Xiaomi}: 1
{Chanel, Tesla, Coach}: 1
{Subway, Tesla, Coach}: 1
{Xiaomi, Tesla, Coach}: 1
{Apple, Tesla, Coach}: 1
{Rolex, Tesla, Coach}: 1
{Subway, Chanel, Tesla}: 1
{Xiaomi, Chanel, Tesla}: 1
{Xiaomi, Subway, Tesla}: 1
{Rolex, Tesla, Apple}: 1
{Subway, Chanel, Coach}: 2
```

```
{Chanel, Xiaomi, Coach}: 1
{Chanel, Coach, Poco}: 1
{Subway, Xiaomi, Coach}: 1
{Subway, Coach, Poco}: 1
{Rolex, Apple, Coach}: 1
{Bugatti, Tissot, Coach}: 1
{Bugatti, H&M, Coach}: 1
{Bugatti, Popeyes, Coach}: 1
{Tissot, H&M, Coach}: 1
{Tissot, Popeyes, Coach}: 1
{H&M, Popeyes, Coach}: 1
{GUCCI, Starbucks, Titan}: 2
{Audi, Starbucks, Titan}: 1
{Starbucks, Titan, OnePlus}: 1
{Starbucks, Titan, Vivo}: 1
{GUCCI, IHOP, Starbucks}: 1
{GUCCI, Audi, Starbucks}: 1
{GUCCI, Starbucks, OnePlus}: 1
{GUCCI, Starbucks, Vivo}: 1
{GUCCI, Starbucks, ROG}: 1
{GUCCI, Fossil, Starbucks}: 1
{GUCCI, Starbucks, Hermes}: 1
{IHOP, Starbucks, ROG}: 1
{IHOP, Fossil, Starbucks}: 1
{IHOP, Starbucks, Hermes}: 1
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{Hublot, Audi, Starbucks}: 1
{Audi, Starbucks, Vivo}: 1
{Starbucks, BMW, OnePlus}: 1
{Hublot, Starbucks, OnePlus}: 1
{Starbucks, Vivo, OnePlus}: 1
{Hublot, Starbucks, BMW}: 1
{Fossil, Starbucks, ROG}: 1
{Starbucks, Hermes, ROG}: 1
{Fossil, Starbucks, Hermes}: 1
{GUCCI, Audi, Titan}: 1
{GUCCI, Titan, OnePlus}: 1
{GUCCI, Vivo, Titan}: 1
{Audi, Titan, OnePlus}: 1
{Audi, Vivo, Titan}: 1
{Vivo, Titan, OnePlus}: 1
{Omega, Titan, Dunkin}: 1
{Puma, Titan, Dunkin}: 1
{Chipotle, Titan, Dunkin}: 1
{Puma, Titan, Omega}: 1
```

```
{Chipotle, Titan, Omega}: 1
{Puma, Titan, Chipotle}: 1
{GUCCI, IHOP, ROG}: 1
{GUCCI, IHOP, Fossil}: 1
{GUCCI, IHOP, Hermes}: 1
{GUCCI, Audi, OnePlus}: 1
{GUCCI, Audi, Vivo}: 1
{GUCCI, Vivo, OnePlus}: 1
{GUCCI, Fossil, ROG}: 1
{GUCCI, Hermes, ROG}: 1
{GUCCI, Fossil, Hermes}: 1
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{Subway, Chanel, Poco}: 1
{Subway, Chanel, Dunkin}: 1
{Microsoft, Subway, Chanel}: 1
{Subway, Chanel, Swiss}: 1
{Subway, Chanel, ZARA}: 1
{Microsoft, Chanel, Dunkin}: 1
{Chanel, Swiss, Dunkin}: 1
{Chanel, ZARA, Dunkin}: 1
{Microsoft, Chanel, Swiss}: 1
{Microsoft, Chanel, ZARA}: 1
{Chanel, Swiss, ZARA}: 1
{Microsoft, Subway, Dunkin}: 1
{Subway, Swiss, Dunkin}: 1
{Subway, ZARA, Dunkin}: 1
{Microsoft, Subway, Swiss}: 1
{Microsoft, Subway, ZARA}: 1
{Subway, Swiss, ZARA}: 1
{IHOP, Casio, Rolex}: 1
{IHOP, Rolex, Dior}: 1
{IHOP, Rolex, Dominos}: 1
{Casio, Rolex, Dior}: 1
{Casio, Rolex, Dominos}: 1
{Rolex, Dominos, Dior}: 1
{Hublot, Poco, BMW}: 1
{Poco, Adidas, BMW}: 1
{KFC, Poco, BMW}: 1
{Hublot, Poco, Adidas}: 1
{Hublot, KFC, Poco}: 1
{KFC, Poco, Adidas}: 1
{Bugatti, H&M, Tissot}: 2
{Bugatti, Popeyes, Tissot}: 2
{Bugatti, H&M, Popeyes}: 2
{H&M, Popeyes, Tissot}: 3
{Hublot, H&M, Tissot}: 1
```

```
{KFC, H&M, Tissot}: 1
{H&M, Tissot, ROG}: 1
{KFC, Popeyes, Tissot}: 1
{Popeyes, Tissot, ROG}: 1
{KFC, Tissot, ROG}: 1
{KFC, H&M, Popeyes}: 1
{H&M, Popeyes, ROG}: 1
{KFC, H&M, ROG}: 1
{KFC, Popeyes, ROG}: 1
{IHOP, Casio, Dior}: 1
{IHOP, Casio, Dominos}: 1
{IHOP, Dominos, Dior}: 1
{IHOP, Fossil, ROG}: 1
{IHOP, Hermes, ROG}: 1
{IHOP, Fossil, Hermes}: 1
{Casio, Dominos, Dior}: 1
{Audi, BMW, OnePlus}: 1
{Hublot, Audi, OnePlus}: 1
{Audi, Vivo, OnePlus}: 1
{Hublot, Audi, BMW}: 1
{Hublot, BMW, OnePlus}: 1
{Hublot, Adidas, BMW}: 1
{Hublot, KFC, BMW}: 1
{KFC, Adidas, BMW}: 1
{Hublot, KFC, Adidas}: 2
{Hublot, Samsung, Adidas}: 1
{Hublot, Nike, Adidas}: 1
{Hublot, McD, Adidas}: 1
{Hublot, KFC, Samsung}: 1
{Hublot, KFC, Nike}: 1
{Hublot, McD, KFC}: 1
{Hublot, Nike, Samsung}: 1
{Hublot, McD, Samsung}: 1
{Hublot, McD, Nike}: 1
{Samsung, KFC, Adidas}: 1
{Nike, KFC, Adidas}: 1
{McD, KFC, Adidas}: 1
{Nike, Samsung, Adidas}: 1
{McD, Samsung, Adidas}: 1
{Samsung, Adidas, Dunkin}: 1
{Samsung, Swiss, Adidas}: 1
{Samsung, Adidas, ZARA}: 1
{Nike, McD, Adidas}: 1
{Swiss, Adidas, Dunkin}: 1
{ZARA, Adidas, Dunkin}: 1
{Swiss, Adidas, ZARA}: 1
```

```
{Nike, KFC, Samsung}: 1
{McD, KFC, Samsung}: 1
{McD, KFC, Nike}: 1
{Nike, McD, Samsung}: 1
{Swiss, Samsung, Dunkin}: 1
{ZARA, Samsung, Dunkin}: 1
{Swiss, Samsung, ZARA}: 1
{Fossil, Hermes, ROG}: 1
{Swiss, Fossil, Hermes}: 1
{Tata, Fossil, Hermes}: 1
{Fossil, Pagani, Hermes}: 1
{Puma, Fossil, Omega}: 1
{Kia, Fossil, Omega}: 1
{Kia, Puma, Fossil}: 1
{Tata, Fossil, Swiss}: 1
{Fossil, Pagani, Swiss}: 1
{Tata, Fossil, Pagani}: 1
{Swiss, Tata, Hermes}: 1
{Swiss, Pagani, Hermes}: 1
{Tata, Pagani, Hermes}: 1
{Omega, Puma, Dunkin}: 1
{Chipotle, Omega, Dunkin}: 1
{Chipotle, Puma, Dunkin}: 1
{Microsoft, Swiss, Dunkin}: 1
{Microsoft, ZARA, Dunkin}: 1
{ZARA, Swiss, Dunkin}: 2
{Chipotle, Puma, Omega}: 1
{Puma, Kia, Omega}: 1
{Microsoft, Swiss, ZARA}: 1
{Tata, Pagani, Swiss}: 1
Frequent Itemsets of Size 4 Satisfying Minimum Support Condition:
{IQOO, Chanel, Tesla, Coach}: 1
{IQOO, Subway, Tesla, Coach}: 1
{IQOO, Xiaomi, Tesla, Coach}: 1
{IQOO, Subway, Chanel, Tesla}: 1
{IQOO, Xiaomi, Chanel, Tesla}: 1
{IOOO, Xiaomi, Subway, Tesla}: 1
{IQOO, Subway, Chanel, Coach}: 1
{IQOO, Chanel, Xiaomi, Coach}: 1
{IQOO, Subway, Xiaomi, Coach}: 1
{IQOO, Subway, Chanel, Xiaomi}: 1
{IQOO, GUCCI, Starbucks, Titan}: 1
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{Xiaomi, Chanel, Tesla, Coach}: 1
{Xiaomi, Subway, Tesla, Coach}: 1
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{Subway, Chanel, Xiaomi, Coach}: 1
{Subway, Chanel, Coach, Poco}: 1
{Bugatti, H&M, Tissot, Coach}: 1
{Bugatti, Popeyes, Tissot, Coach}: 1
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{Microsoft, Subway, Chanel, Dunkin}: 1
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{Microsoft, Subway, Swiss, ZARA}: 1
{GUCCI, Audi, Starbucks, Titan}: 1
{GUCCI, Starbucks, Titan, OnePlus}: 1
{GUCCI, Starbucks, Titan, Vivo}: 1
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{GUCCI, Audi, Starbucks, Vivo}: 1
{GUCCI, Starbucks, Vivo, OnePlus}: 1
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{GUCCI, IHOP, Starbucks, Fossil}: 1
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{GUCCI, Fossil, Starbucks, ROG}: 1
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{Audi, Starbucks, BMW, OnePlus}: 1
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{Dunkin, Chipotle, Titan, Omega}: 1
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{GUCCI, IHOP, Fossil, ROG}: 1
{GUCCI, IHOP, Hermes, ROG}: 1
{GUCCI, IHOP, Hermes, Fossil}: 1
{GUCCI, Fossil, Hermes, ROG}: 1
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{Hublot, Poco, Adidas, BMW}: 1
{Hublot, KFC, Poco, BMW}: 1
{KFC, Poco, Adidas, BMW}: 1
{Hublot, KFC, Poco, Adidas}: 1
{Bugatti, H&M, Popeyes, Tissot}: 2
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{KFC, H&M, Popeyes, Tissot}: 1
{KFC, H&M, Tissot, ROG}: 1
{KFC, Popeyes, Tissot, ROG}: 1
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{Tata, Swiss, Fossil, Hermes}: 1
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{Tata, Fossil, Pagani, Swiss}: 1
{Swiss, Tata, Pagani, Hermes}: 1
{Hublot, KFC, Adidas, BMW}: 1
{Hublot, Samsung, KFC, Adidas}: 1
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{Hublot, Nike, KFC, Samsung}: 1
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{Hublot, McD, KFC, Nike}: 1
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{Dunkin, Chipotle, Puma, Omega}: 1
{Microsoft, Swiss, Dunkin, ZARA}: 1
{ZARA, Adidas, Swiss, Dunkin}: 1
{ZARA, Samsung, Swiss, Dunkin}: 1
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{Nike, Samsung, KFC, Adidas}: 1
{McD, Samsung, KFC, Adidas}: 1
{Nike, McD, KFC, Adidas}: 1
{McD, Nike, Samsung, Adidas}: 1
{Nike, McD, KFC, Samsung}: 1
Frequent Itemsets of Size 5 Satisfying Minimum Support Condition:
{IOOO, Chanel, Tesla, Coach, Subway}: 1
{IQOO, Chanel, Tesla, Coach, Xiaomi}: 1
{IOOO, Chanel, Tesla, Subway, Xiaomi}: 1
{IQOO, Chanel, Coach, Subway, Xiaomi}: 1
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{Chanel, Dunkin, Microsoft, Subway, ZARA}: 1
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{Chanel, Swiss, Dunkin, Microsoft, ZARA}: 1
{H&M, Coach, Popeyes, Tissot, Bugatti}: 1
{Swiss, Dunkin, Microsoft, Subway, ZARA}: 1
{Audi, GUCCI, Starbucks, OnePlus, Titan}: 1
{Audi, Vivo, GUCCI, Starbucks, Titan}: 1
{Vivo, GUCCI, Starbucks, OnePlus, Titan}: 1
{Audi, Vivo, GUCCI, Starbucks, OnePlus}: 1
{GUCCI, Starbucks, IHOP, Fossil, ROG}: 1
{GUCCI, Starbucks, Hermes, IHOP, ROG}: 1
{GUCCI, Starbucks, Hermes, IHOP, Fossil}: 1
{GUCCI, Starbucks, Hermes, Fossil, ROG}: 1
{Audi, Vivo, GUCCI, OnePlus, Titan}: 1
{GUCCI, Hermes, IHOP, Fossil, ROG}: 1
{Audi, Vivo, Starbucks, OnePlus, Titan}: 1
{Audi, BMW, Hublot, Starbucks, OnePlus}: 1
{Starbucks, Hermes, IHOP, Fossil, ROG}: 1
{Omega, Dunkin, Puma, Titan, Chipotle}: 1
{Casio, Rolex, Dominos, IHOP, Dior}: 1
{KFC, BMW, Hublot, Adidas, Poco}: 1
{KFC, H&M, Popeyes, Tissot, ROG}: 1
{Swiss, Dunkin, Adidas, Samsung, ZARA}: 1
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{Swiss, Tata, Pagani, Hermes, Fossil}: 1
{KFC, Nike, Hublot, Adidas, Samsung}: 1
{KFC, McD, Hublot, Adidas, Samsung}: 1
{KFC, McD, Nike, Hublot, Adidas}: 1
{McD, Nike, Hublot, Adidas, Samsung}: 1
{KFC, McD, Nike, Hublot, Samsung}: 1
{KFC, McD, Nike, Adidas, Samsung}: 1
Frequent Itemsets of Size 6 Satisfying Minimum Support Condition:
{IQOO, Chanel, Tesla, Coach, Subway, Xiaomi}: 1
{Chanel, Swiss, Dunkin, Microsoft, Subway, ZARA}: 1
{Audi, Vivo, GUCCI, Starbucks, OnePlus, Titan}: 1
{GUCCI, Starbucks, Hermes, IHOP, Fossil, ROG}: 1
{KFC, McD, Nike, Hublot, Adidas, Samsung}: 1
Confidence of all the Possible Association Rules:
{IQOO} -> {Tesla} <=> Confidence: 66.67%
{IQOO} -> {Coach} <=> Confidence: 66.67%
{IQOO} -> {Starbucks} <=> Confidence: 33.33%
{IQOO} -> {Titan} <=> Confidence: 33.33%
{IQOO} -> {GUCCI} <=> Confidence: 33.33%
{IQOO} -> {Chanel} <=> Confidence: 33.33%
{IQOO} -> {Subway} <=> Confidence: 33.33%
{IQOO} -> {Xiaomi} <=> Confidence: 33.33%
{IQOO} -> {Tesla, Coach} <=> Confidence: 66.67%
{IOOO} -> {Chanel, Tesla} <=> Confidence: 33.33%
{IQOO} -> {Subway, Tesla} <=> Confidence: 33.33%
{IQOO} -> {Xiaomi, Tesla} <=> Confidence: 33.33%
{IQOO} -> {Chanel, Coach} <=> Confidence: 33.33%
{IQOO} -> {Subway, Coach} <=> Confidence: 33.33%
{IQOO} -> {Xiaomi, Coach} <=> Confidence: 33.33%
{IQOO} -> {Starbucks, Titan} <=> Confidence: 33.33%
{IQOO} -> {GUCCI, Starbucks} <=> Confidence: 33.33%
{IQOO} -> {GUCCI, Titan} <=> Confidence: 33.33%
{IQOO} -> {Subway, Chanel} <=> Confidence: 33.33%
{IQOO} -> {Chanel, Xiaomi} <=> Confidence: 33.33%
{IQOO} -> {Subway, Xiaomi} <=> Confidence: 33.33%
{IQOO} -> {Chanel, Tesla, Coach} <=> Confidence: 33.33%
{IQOO} -> {Subway, Tesla, Coach} <=> Confidence: 33.33%
{IQOO} -> {Xiaomi, Tesla, Coach} <=> Confidence: 33.33%
{IQOO} -> {Subway, Chanel, Tesla} <=> Confidence: 33.33%
{IQOO} -> {Xiaomi, Chanel, Tesla} <=> Confidence: 33.33%
{IQOO} -> {Xiaomi, Subway, Tesla} <=> Confidence: 33.33%
{IQOO} -> {Subway, Chanel, Coach} <=> Confidence: 33.33%
{IQOO} -> {Chanel, Xiaomi, Coach} <=> Confidence: 33.33%
{IQOO} -> {Subway, Xiaomi, Coach} <=> Confidence: 33.33%
```

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{IQOO} -> {Subway, Chanel, Xiaomi} <=> Confidence: 33.33%
{IQOO} -> {GUCCI, Starbucks, Titan} <=> Confidence: 33.33%
{IOOO} -> {Chanel, Tesla, Coach, Subway} <=> Confidence: 33.33%
{IQOO} -> {Chanel, Tesla, Coach, Xiaomi} <=> Confidence: 33.33%
{IQOO} -> {Chanel, Tesla, Subway, Xiaomi} <=> Confidence: 33.33%
{IQOO} -> {Chanel, Coach, Subway, Xiaomi} <=> Confidence: 33.33%
{IQOO} -> {Tesla, Coach, Subway, Xiaomi} <=> Confidence: 33.33%
{IQOO} -> {Chanel, Tesla, Coach, Subway, Xiaomi} <=> Confidence: 33.33%
{Tesla} -> {IQOO} <=> Confidence: 66.67%
{Tesla} -> {Coach} <=> Confidence: 100.0%
{Tesla} -> {Apple} <=> Confidence: 33.33%
{Tesla} -> {Rolex} <=> Confidence: 33.33%
{Tesla} -> {Chanel} <=> Confidence: 33.33%
{Tesla} -> {Subway} <=> Confidence: 33.33%
{Tesla} -> {Xiaomi} <=> Confidence: 33.33%
{Tesla} -> {IOOO, Coach} <=> Confidence: 66.67%
{Tesla} -> {IQOO, Chanel} <=> Confidence: 33.33%
{Tesla} -> {IQOO, Subway} <=> Confidence: 33.33%
{Tesla} -> {IQOO, Xiaomi} <=> Confidence: 33.33%
{Tesla} -> {Chanel, Coach} <=> Confidence: 33.33%
{Tesla} -> {Subway, Coach} <=> Confidence: 33.33%
{Tesla} -> {Xiaomi, Coach} <=> Confidence: 33.33%
{Tesla} -> {Apple, Coach} <=> Confidence: 33.33%
{Tesla} -> {Rolex, Coach} <=> Confidence: 33.33%
{Tesla} -> {Subway, Chanel} <=> Confidence: 33.33%
{Tesla} -> {Xiaomi, Chanel} <=> Confidence: 33.33%
{Tesla} -> {Xiaomi, Subway} <=> Confidence: 33.33%
{Tesla} -> {Rolex, Apple} <=> Confidence: 33.33%
{Tesla} -> {IQOO, Chanel, Coach} <=> Confidence: 33.33%
{Tesla} -> {IQOO, Subway, Coach} <=> Confidence: 33.33%
{Tesla} -> {IQOO, Xiaomi, Coach} <=> Confidence: 33.33%
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{Tesla} -> {Subway, Chanel, Coach} <=> Confidence: 33.33%
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{Tesla} -> {Xiaomi, Subway, Coach} <=> Confidence: 33.33%
{Tesla} -> {Apple, Rolex, Coach} <=> Confidence: 33.33%
{Tesla} -> {Subway, Xiaomi, Chanel} <=> Confidence: 33.33%
{Tesla} -> {IQOO, Chanel, Coach, Subway} <=> Confidence: 33.33%
{Tesla} -> {IQOO, Chanel, Coach, Xiaomi} <=> Confidence: 33.33%
{Tesla} -> {IQOO, Chanel, Subway, Xiaomi} <=> Confidence: 33.33%
{Tesla} -> {IQOO, Coach, Subway, Xiaomi} <=> Confidence: 33.33%
{Tesla} -> {Chanel, Coach, Subway, Xiaomi} <=> Confidence: 33.33%
{Tesla} -> {IQOO, Chanel, Coach, Subway, Xiaomi} <=> Confidence: 33.33%
{Coach} -> {IOOO} <=> Confidence: 40.0%
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{Coach} -> {Tesla} <=> Confidence: 60.0%
{Coach} -> {Apple} <=> Confidence: 20.0%
{Coach} -> {Rolex} <=> Confidence: 20.0%
{Coach} -> {Poco} <=> Confidence: 20.0%
{Coach} -> {Chanel} <=> Confidence: 40.0%
{Coach} -> {Subway} <=> Confidence: 40.0%
{Coach} -> {Bugatti} <=> Confidence: 20.0%
{Coach} -> {Tissot} <=> Confidence: 20.0%
{Coach} -> {H&M} <=> Confidence: 20.0%
{Coach} -> {Popeyes} <=> Confidence: 20.0%
{Coach} -> {Xiaomi} <=> Confidence: 20.0%
{Coach} -> {IQOO, Tesla} <=> Confidence: 40.0%
{Coach} -> {IQOO, Chanel} <=> Confidence: 20.0%
{Coach} -> {IQOO, Subway} <=> Confidence: 20.0%
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{Coach} -> {Chanel, Tesla} <=> Confidence: 20.0%
{Coach} -> {Subway, Tesla} <=> Confidence: 20.0%
{Coach} -> {Xiaomi, Tesla} <=> Confidence: 20.0%
{Coach} -> {Apple, Tesla} <=> Confidence: 20.0%
{Coach} -> {Rolex, Tesla} <=> Confidence: 20.0%
{Coach} -> {Subway, Chanel} <=> Confidence: 40.0%
{Coach} -> {Chanel, Xiaomi} <=> Confidence: 20.0%
{Coach} -> {Chanel, Poco} <=> Confidence: 20.0%
{Coach} -> {Subway, Xiaomi} <=> Confidence: 20.0%
{Coach} -> {Subway, Poco} <=> Confidence: 20.0%
{Coach} -> {Rolex, Apple} <=> Confidence: 20.0%
{Coach} -> {Bugatti, Tissot} <=> Confidence: 20.0%
{Coach} -> {Bugatti, H&M} <=> Confidence: 20.0%
{Coach} -> {Bugatti, Popeyes} <=> Confidence: 20.0%
{Coach} -> {Tissot, H&M} <=> Confidence: 20.0%
{Coach} -> {Tissot, Popeyes} <=> Confidence: 20.0%
{Coach} -> {H&M, Popeyes} <=> Confidence: 20.0%
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{Coach} -> {IOOO, Subway, Tesla} <=> Confidence: 20.0%
{Coach} -> {IQOO, Xiaomi, Tesla} <=> Confidence: 20.0%
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{Coach} -> {Subway, Chanel, Tesla} <=> Confidence: 20.0%
{Coach} -> {Xiaomi, Chanel, Tesla} <=> Confidence: 20.0%
{Coach} -> {Xiaomi, Subway, Tesla} <=> Confidence: 20.0%
{Coach} -> {Apple, Rolex, Tesla} <=> Confidence: 20.0%
{Coach} -> {Subway, Chanel, Xiaomi} <=> Confidence: 20.0%
{Coach} -> {Subway, Chanel, Poco} <=> Confidence: 20.0%
{Coach} -> {Bugatti, H&M, Tissot} <=> Confidence: 20.0%
{Coach} -> {Bugatti, Popeyes, Tissot} <=> Confidence: 20.0%
```

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{Coach} -> {Bugatti, H&M, Popeyes} <=> Confidence: 20.0%
{Coach} -> {Tissot, H&M, Popeyes} <=> Confidence: 20.0%
{Coach} -> {IOOO, Chanel, Tesla, Subway} <=> Confidence: 20.0%
{Coach} -> {IQOO, Chanel, Tesla, Xiaomi} <=> Confidence: 20.0%
{Coach} -> {IQOO, Chanel, Subway, Xiaomi} <=> Confidence: 20.0%
{Coach} -> {IQOO, Tesla, Subway, Xiaomi} <=> Confidence: 20.0%
{Coach} -> {Chanel, Tesla, Subway, Xiaomi} <=> Confidence: 20.0%
{Coach} -> {H&M, Popeyes, Tissot, Bugatti} <=> Confidence: 20.0%
{Coach} -> {IQOO, Chanel, Tesla, Subway, Xiaomi} <=> Confidence: 20.0%
{Starbucks} -> {IQOO} <=> Confidence: 25.0%
{Starbucks} -> {OnePlus} <=> Confidence: 50.0%
{Starbucks} -> {Audi} <=> Confidence: 50.0%
{Starbucks} -> {BMW} <=> Confidence: 25.0%
{Starbucks} -> {Hublot} <=> Confidence: 25.0%
{Starbucks} -> {Titan} <=> Confidence: 50.0%
{Starbucks} -> {GUCCI} <=> Confidence: 75.0%
{Starbucks} -> {ROG} <=> Confidence: 25.0%
{Starbucks} -> {Fossil} <=> Confidence: 25.0%
{Starbucks} -> {Hermes} <=> Confidence: 25.0%
{Starbucks} -> {IHOP} <=> Confidence: 25.0%
{Starbucks} -> {Vivo} <=> Confidence: 25.0%
{Starbucks} -> {IQOO, Titan} <=> Confidence: 25.0%
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{Starbucks} -> {Audi, Titan} <=> Confidence: 25.0%
{Starbucks} -> {Titan, OnePlus} <=> Confidence: 25.0%
{Starbucks} -> {Titan, Vivo} <=> Confidence: 25.0%
{Starbucks} -> {GUCCI, IHOP} <=> Confidence: 25.0%
{Starbucks} -> {GUCCI, Audi} <=> Confidence: 25.0%
{Starbucks} -> {GUCCI, OnePlus} <=> Confidence: 25.0%
{Starbucks} -> {GUCCI, Vivo} <=> Confidence: 25.0%
{Starbucks} -> {GUCCI, ROG} <=> Confidence: 25.0%
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{Starbucks} -> {GUCCI, Hermes} <=> Confidence: 25.0%
{Starbucks} -> {IHOP, ROG} <=> Confidence: 25.0%
{Starbucks} -> {IHOP, Fossil} <=> Confidence: 25.0%
{Starbucks} -> {IHOP, Hermes} <=> Confidence: 25.0%
{Starbucks} -> {Audi, OnePlus} <=> Confidence: 50.0%
{Starbucks} -> {Audi, BMW} <=> Confidence: 25.0%
{Starbucks} -> {Hublot, Audi} <=> Confidence: 25.0%
{Starbucks} -> {Audi, Vivo} <=> Confidence: 25.0%
{Starbucks} -> {BMW, OnePlus} <=> Confidence: 25.0%
{Starbucks} -> {Hublot, OnePlus} <=> Confidence: 25.0%
{Starbucks} -> {Vivo, OnePlus} <=> Confidence: 25.0%
{Starbucks} -> {Hublot, BMW} <=> Confidence: 25.0%
{Starbucks} -> {Fossil, ROG} <=> Confidence: 25.0%
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```
{Starbucks} -> {Hermes, ROG} <=> Confidence: 25.0%
{Starbucks} -> {Fossil, Hermes} <=> Confidence: 25.0%
{Starbucks} -> {IOOO, GUCCI, Titan} <=> Confidence: 25.0%
{Starbucks} -> {GUCCI, Audi, Titan} <=> Confidence: 25.0%
{Starbucks} -> {GUCCI, Titan, OnePlus} <=> Confidence: 25.0%
{Starbucks} -> {GUCCI, Titan, Vivo} <=> Confidence: 25.0%
{Starbucks} -> {Audi, Titan, OnePlus} <=> Confidence: 25.0%
{Starbucks} -> {Audi, Titan, Vivo} <=> Confidence: 25.0%
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{Starbucks} -> {GUCCI, Audi, OnePlus} <=> Confidence: 25.0%
{Starbucks} -> {GUCCI, Audi, Vivo} <=> Confidence: 25.0%
{Starbucks} -> {GUCCI, Vivo, OnePlus} <=> Confidence: 25.0%
{Starbucks} -> {GUCCI, IHOP, ROG} <=> Confidence: 25.0%
{Starbucks} -> {GUCCI, IHOP, Fossil} <=> Confidence: 25.0%
{Starbucks} -> {GUCCI, IHOP, Hermes} <=> Confidence: 25.0%
{Starbucks} -> {GUCCI, Fossil, ROG} <=> Confidence: 25.0%
{Starbucks} -> {GUCCI, Hermes, ROG} <=> Confidence: 25.0%
{Starbucks} -> {GUCCI, Fossil, Hermes} <=> Confidence: 25.0%
{Starbucks} -> {Audi, Vivo, OnePlus} <=> Confidence: 25.0%
{Starbucks} -> {Audi, BMW, OnePlus} <=> Confidence: 25.0%
{Starbucks} -> {Hublot, Audi, OnePlus} <=> Confidence: 25.0%
{Starbucks} -> {Hublot, Audi, BMW} <=> Confidence: 25.0%
{Starbucks} -> {Hublot, BMW, OnePlus} <=> Confidence: 25.0%
{Starbucks} -> {IHOP, Fossil, ROG} <=> Confidence: 25.0%
{Starbucks} -> {IHOP, Hermes, ROG} <=> Confidence: 25.0%
{Starbucks} -> {IHOP, Fossil, Hermes} <=> Confidence: 25.0%
{Starbucks} -> {Fossil, Hermes, ROG} <=> Confidence: 25.0%
{Starbucks} -> {Audi, GUCCI, OnePlus, Titan} <=> Confidence: 25.0%
{Starbucks} -> {Audi, Vivo, GUCCI, Titan} <=> Confidence: 25.0%
{Starbucks} -> {Vivo, GUCCI, OnePlus, Titan} <=> Confidence: 25.0%
{Starbucks} -> {Audi, Vivo, GUCCI, OnePlus} <=> Confidence: 25.0%
{Starbucks} -> {GUCCI, IHOP, Fossil, ROG} <=> Confidence: 25.0%
{Starbucks} -> {GUCCI, Hermes, IHOP, ROG} <=> Confidence: 25.0%
{Starbucks} -> {GUCCI, Hermes, IHOP, Fossil} <=> Confidence: 25.0%
{Starbucks} -> {GUCCI, Hermes, Fossil, ROG} <=> Confidence: 25.0%
{Starbucks} -> {Audi, Vivo, OnePlus, Titan} <=> Confidence: 25.0%
{Starbucks} -> {Audi, BMW, Hublot, OnePlus} <=> Confidence: 25.0%
{Starbucks} -> {Hermes, IHOP, Fossil, ROG} <=> Confidence: 25.0%
{Starbucks} -> {Audi, Vivo, GUCCI, OnePlus, Titan} <=> Confidence: 25.0%
{Starbucks} -> {GUCCI, Hermes, IHOP, Fossil, ROG} <=> Confidence: 25.0%
{Titan} -> {IQOO} <=> Confidence: 33.33%
{Titan} -> {OnePlus} <=> Confidence: 33.33%
{Titan} -> {Audi} <=> Confidence: 33.33%
{Titan} -> {Starbucks} <=> Confidence: 66.67%
{Titan} -> {GUCCI} <=> Confidence: 66.67%
{Titan} -> {Dunkin} <=> Confidence: 33.33%
```

```
{Titan} -> {Vivo} <=> Confidence: 33.33%
{Titan} -> {Omega} <=> Confidence: 33.33%
{Titan} -> {Puma} <=> Confidence: 33.33%
{Titan} -> {Chipotle} <=> Confidence: 33.33%
{Titan} -> {IQOO, Starbucks} <=> Confidence: 33.33%
{Titan} -> {IQOO, GUCCI} <=> Confidence: 33.33%
{Titan} -> {GUCCI, Starbucks} <=> Confidence: 66.67%
{Titan} -> {Audi, Starbucks} <=> Confidence: 33.33%
{Titan} -> {Starbucks, OnePlus} <=> Confidence: 33.33%
{Titan} -> {Starbucks, Vivo} <=> Confidence: 33.33%
{Titan} -> {GUCCI, Audi} <=> Confidence: 33.33%
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```

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{GUCCI} -> {Vivo, Titan, OnePlus} <=> Confidence: 33.33%
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{Apple} -> {Rolex, Coach} <=> Confidence: 100.0%
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{Tissot} -> {Popeyes} <=> Confidence: 75.0%
{Tissot} -> {Bugatti, Coach} <=> Confidence: 25.0%
{Tissot} -> {H&M, Coach} <=> Confidence: 25.0%
{Tissot} -> {Popeyes, Coach} <=> Confidence: 25.0%
{Tissot} -> {Bugatti, H&M} <=> Confidence: 50.0%
{Tissot} -> {Bugatti, Popeyes} <=> Confidence: 50.0%
{Tissot} -> {H&M, Popeyes} <=> Confidence: 75.0%
{Tissot} -> {Hublot, H&M} <=> Confidence: 25.0%
{Tissot} -> {KFC, H&M} <=> Confidence: 25.0%
{Tissot} -> {H&M, ROG} <=> Confidence: 25.0%
{Tissot} -> {KFC, Popeyes} <=> Confidence: 25.0%
{Tissot} -> {Popeyes, ROG} <=> Confidence: 25.0%
{Tissot} -> {KFC, ROG} <=> Confidence: 25.0%
{Tissot} -> {Bugatti, H&M, Coach} <=> Confidence: 25.0%
{Tissot} -> {Bugatti, Popeyes, Coach} <=> Confidence: 25.0%
{Tissot} -> {H&M, Popeyes, Coach} <=> Confidence: 25.0%
{Tissot} -> {Bugatti, H&M, Popeyes} <=> Confidence: 50.0%
{Tissot} -> {H&M, Popeyes, ROG} <=> Confidence: 25.0%
{Tissot} -> {KFC, H&M, Popeyes} <=> Confidence: 25.0%
{Tissot} -> {KFC, H&M, ROG} <=> Confidence: 25.0%
{Tissot} -> {KFC, Popeyes, ROG} <=> Confidence: 25.0%
{Tissot} -> {H&M, Coach, Popeyes, Bugatti} <=> Confidence: 25.0%
{Tissot} -> {KFC, H&M, Popeyes, ROG} <=> Confidence: 25.0%
{H&M} -> {Coach} <=> Confidence: 25.0%
\{H\&M\} \rightarrow \{Hublot\} \iff Confidence: 25.0\%
{H&M} -> {KFC} <=> Confidence: 25.0%
```

```
\{H\&M\} -> \{ROG\} \iff Confidence: 25.0\%
{H&M} -> {Bugatti} <=> Confidence: 50.0%
{H&M} -> {Tissot} <=> Confidence: 100.0%
{H&M} -> {Popeyes} <=> Confidence: 75.0%
{H&M} -> {Bugatti, Coach} <=> Confidence: 25.0%
{H&M} -> {Tissot, Coach} <=> Confidence: 25.0%
\{H\&M\} \rightarrow \{Popeyes, Coach\} \iff Confidence: 25.0\%
{H&M} -> {Bugatti, Tissot} <=> Confidence: 50.0%
{H&M} -> {Bugatti, Popeyes} <=> Confidence: 50.0%
{H&M} -> {Popeyes, Tissot} <=> Confidence: 75.0%
{H&M} -> {Hublot, Tissot} <=> Confidence: 25.0%
{H&M} -> {KFC, Tissot} <=> Confidence: 25.0%
{H&M} -> {Tissot, ROG} <=> Confidence: 25.0%
{H&M} -> {KFC, Popeyes} <=> Confidence: 25.0%
{H&M} -> {Popeyes, ROG} <=> Confidence: 25.0%
{H&M} -> {KFC, ROG} <=> Confidence: 25.0%
{H&M} -> {Bugatti, Tissot, Coach} <=> Confidence: 25.0%
{H&M} -> {Bugatti, Popeyes, Coach} <=> Confidence: 25.0%
{H&M} -> {Tissot, Popeyes, Coach} <=> Confidence: 25.0%
{H&M} -> {Bugatti, Popeyes, Tissot} <=> Confidence: 50.0%
{H&M} -> {Popeyes, Tissot, ROG} <=> Confidence: 25.0%
{H&M} -> {KFC, Popeyes, Tissot} <=> Confidence: 25.0%
{H&M} -> {KFC, Tissot, ROG} <=> Confidence: 25.0%
{H&M} -> {KFC, Popeyes, ROG} <=> Confidence: 25.0%
{H&M} -> {Coach, Popeyes, Tissot, Bugatti} <=> Confidence: 25.0%
{H&M} -> {KFC, Popeves, Tissot, ROG} <=> Confidence: 25.0%
{Popeyes} -> {Coach} <=> Confidence: 33.33%
{Popeyes} -> {KFC} <=> Confidence: 33.33%
{Popeyes} -> {ROG} <=> Confidence: 33.33%
{Popeyes} -> {Bugatti} <=> Confidence: 66.67%
{Popeyes} -> {Tissot} <=> Confidence: 100.0%
{Popeyes} -> {H&M} <=> Confidence: 100.0%
{Popeyes} -> {Bugatti, Coach} <=> Confidence: 33.33%
{Popeyes} -> {Tissot, Coach} <=> Confidence: 33.33%
{Popeyes} -> {H&M, Coach} <=> Confidence: 33.33%
{Popeyes} -> {Bugatti, Tissot} <=> Confidence: 66.67%
{Popeyes} -> {Bugatti, H&M} <=> Confidence: 66.67%
{Popeyes} -> {H&M, Tissot} <=> Confidence: 100.0%
{Popeyes} -> {KFC, Tissot} <=> Confidence: 33.33%
{Popeyes} -> {Tissot, ROG} <=> Confidence: 33.33%
{Popeyes} -> {KFC, H&M} <=> Confidence: 33.33%
{Popeyes} -> {H&M, ROG} <=> Confidence: 33.33%
{Popeyes} -> {KFC, ROG} <=> Confidence: 33.33%
{Popeyes} -> {Bugatti, Tissot, Coach} <=> Confidence: 33.33%
{Popeyes} -> {Bugatti, H&M, Coach} <=> Confidence: 33.33%
{Popeyes} -> {Tissot, H&M, Coach} <=> Confidence: 33.33%
```

```
{Popeyes} -> {Bugatti, H&M, Tissot} <=> Confidence: 66.67%
{Popeyes} -> {H&M, Tissot, ROG} <=> Confidence: 33.33%
{Popeves} -> {KFC, H&M, Tissot} <=> Confidence: 33.33%
{Popeyes} -> {KFC, Tissot, ROG} <=> Confidence: 33.33%
{Popeyes} -> {KFC, H&M, ROG} <=> Confidence: 33.33%
{Popeyes} -> {H&M, Coach, Tissot, Bugatti} <=> Confidence: 33.33%
{Popeyes} -> {KFC, H&M, Tissot, ROG} <=> Confidence: 33.33%
\{IHOP\} \rightarrow \{Rolex\} \iff Confidence: 50.0\%
{IHOP} -> {Starbucks} <=> Confidence: 50.0%
{IHOP} -> {GUCCI} <=> Confidence: 50.0%
{IHOP} -> {ROG} <=> Confidence: 50.0%
{IHOP} -> {Fossil} <=> Confidence: 50.0%
{IHOP} -> {Hermes} <=> Confidence: 50.0%
{IHOP} -> {Casio} <=> Confidence: 50.0%
{IHOP} -> {Dior} <=> Confidence: 50.0%
{IHOP} -> {Dominos} <=> Confidence: 50.0%
{IHOP} -> {GUCCI, Starbucks} <=> Confidence: 50.0%
{IHOP} -> {Starbucks, ROG} <=> Confidence: 50.0%
{IHOP} -> {Fossil, Starbucks} <=> Confidence: 50.0%
{IHOP} -> {Starbucks, Hermes} <=> Confidence: 50.0%
{IHOP} -> {GUCCI, ROG} <=> Confidence: 50.0%
{IHOP} -> {GUCCI, Fossil} <=> Confidence: 50.0%
{IHOP} -> {GUCCI, Hermes} <=> Confidence: 50.0%
{IHOP} -> {Casio, Rolex} <=> Confidence: 50.0%
{IHOP} -> {Rolex, Dior} <=> Confidence: 50.0%
{IHOP} -> {Rolex, Dominos} <=> Confidence: 50.0%
{IHOP} -> {Casio, Dior} <=> Confidence: 50.0%
{IHOP} -> {Casio, Dominos} <=> Confidence: 50.0%
{IHOP} -> {Dominos, Dior} <=> Confidence: 50.0%
{IHOP} -> {Fossil, ROG} <=> Confidence: 50.0%
\{IHOP\} \rightarrow \{Hermes, ROG\} \iff Confidence: 50.0\%
{IHOP} -> {Fossil, Hermes} <=> Confidence: 50.0%
{IHOP} -> {GUCCI, Starbucks, ROG} <=> Confidence: 50.0%
{IHOP} -> {GUCCI, Starbucks, Fossil} <=> Confidence: 50.0%
{IHOP} -> {GUCCI, Starbucks, Hermes} <=> Confidence: 50.0%
{IHOP} -> {Fossil, Starbucks, ROG} <=> Confidence: 50.0%
{IHOP} -> {Starbucks, Hermes, ROG} <=> Confidence: 50.0%
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{IHOP} -> {GUCCI, Fossil, ROG} <=> Confidence: 50.0%
{IHOP} -> {GUCCI, Hermes, ROG} <=> Confidence: 50.0%
{IHOP} -> {GUCCI, Hermes, Fossil} <=> Confidence: 50.0%
{IHOP} -> {Casio, Rolex, Dior} <=> Confidence: 50.0%
{IHOP} -> {Casio, Rolex, Dominos} <=> Confidence: 50.0%
{IHOP} -> {Rolex, Dominos, Dior} <=> Confidence: 50.0%
{IHOP} -> {Fossil, Hermes, ROG} <=> Confidence: 50.0%
{IHOP} -> {Casio, Dominos, Dior} <=> Confidence: 50.0%
```

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{IHOP} -> {GUCCI, Starbucks, Fossil, ROG} <=> Confidence: 50.0%
{IHOP} -> {GUCCI, Starbucks, Hermes, ROG} <=> Confidence: 50.0%
{IHOP} -> {GUCCI, Starbucks, Hermes, Fossil} <=> Confidence: 50.0%
{IHOP} -> {GUCCI, Hermes, Fossil, ROG} <=> Confidence: 50.0%
{IHOP} -> {Starbucks, Hermes, Fossil, ROG} <=> Confidence: 50.0%
{IHOP} -> {Casio, Rolex, Dominos, Dior} <=> Confidence: 50.0%
{IHOP} -> {GUCCI, Starbucks, Hermes, Fossil, ROG} <=> Confidence: 50.0%
{Casio} -> {Rolex} <=> Confidence: 100.0%
{Casio} -> {IHOP} <=> Confidence: 100.0%
{Casio} -> {Dior} <=> Confidence: 100.0%
{Casio} -> {Dominos} <=> Confidence: 100.0%
{Casio} -> {IHOP, Rolex} <=> Confidence: 100.0%
{Casio} -> {Rolex, Dior} <=> Confidence: 100.0%
{Casio} -> {Rolex, Dominos} <=> Confidence: 100.0%
{Casio} -> {IHOP, Dior} <=> Confidence: 100.0%
{Casio} -> {IHOP, Dominos} <=> Confidence: 100.0%
{Casio} -> {Dominos, Dior} <=> Confidence: 100.0%
{Casio} -> {IHOP, Rolex, Dior} <=> Confidence: 100.0%
{Casio} -> {IHOP, Rolex, Dominos} <=> Confidence: 100.0%
{Casio} -> {Rolex, Dominos, Dior} <=> Confidence: 100.0%
{Casio} -> {IHOP, Dominos, Dior} <=> Confidence: 100.0%
{Casio} -> {Rolex, Dominos, IHOP, Dior} <=> Confidence: 100.0%
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{Dior} -> {IHOP} <=> Confidence: 100.0%
{Dior} -> {Casio} <=> Confidence: 100.0%
{Dior} -> {Dominos} <=> Confidence: 100.0%
{Dior} -> {IHOP, Rolex} <=> Confidence: 100.0%
{Dior} -> {Casio, Rolex} <=> Confidence: 100.0%
{Dior} -> {Rolex, Dominos} <=> Confidence: 100.0%
{Dior} -> {IHOP, Casio} <=> Confidence: 100.0%
{Dior} -> {IHOP, Dominos} <=> Confidence: 100.0%
{Dior} -> {Casio, Dominos} <=> Confidence: 100.0%
{Dior} -> {IHOP, Casio, Rolex} <=> Confidence: 100.0%
{Dior} -> {IHOP. Rolex. Dominos} <=> Confidence: 100.0%
{Dior} -> {Casio, Rolex, Dominos} <=> Confidence: 100.0%
{Dior} -> {IHOP, Casio, Dominos} <=> Confidence: 100.0%
{Dior} -> {Casio, Rolex, Dominos, IHOP} <=> Confidence: 100.0%
\{Dominos\} \rightarrow \{Rolex\} \iff Confidence: 100.0\%
{Dominos} -> {IHOP} <=> Confidence: 100.0%
{Dominos} -> {Casio} <=> Confidence: 100.0%
{Dominos} -> {Dior} <=> Confidence: 100.0%
{Dominos} -> {IHOP, Rolex} <=> Confidence: 100.0%
{Dominos} -> {Casio, Rolex} <=> Confidence: 100.0%
{Dominos} -> {Rolex, Dior} <=> Confidence: 100.0%
{Dominos} -> {IHOP, Casio} <=> Confidence: 100.0%
{Dominos} -> {IHOP, Dior} <=> Confidence: 100.0%
```

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{Dominos} -> {Casio, Dior} <=> Confidence: 100.0%
{Dominos} -> {IHOP, Casio, Rolex} <=> Confidence: 100.0%
{Dominos} -> {IHOP, Rolex, Dior} <=> Confidence: 100.0%
{Dominos} -> {Casio, Rolex, Dior} <=> Confidence: 100.0%
{Dominos} -> {IHOP, Casio, Dior} <=> Confidence: 100.0%
{Dominos} -> {Casio, Rolex, IHOP, Dior} <=> Confidence: 100.0%
{Audi} -> {OnePlus} <=> Confidence: 100.0%
{Audi} -> {BMW} <=> Confidence: 50.0%
{Audi} -> {Hublot} <=> Confidence: 50.0%
{Audi} -> {Starbucks} <=> Confidence: 100.0%
{Audi} -> {Titan} <=> Confidence: 50.0%
{Audi} -> {GUCCI} <=> Confidence: 50.0%
{Audi} -> {Vivo} <=> Confidence: 50.0%
{Audi} -> {Starbucks, Titan} <=> Confidence: 50.0%
{Audi} -> {GUCCI, Starbucks} <=> Confidence: 50.0%
{Audi} -> {Starbucks, OnePlus} <=> Confidence: 100.0%
{Audi} -> {Starbucks, BMW} <=> Confidence: 50.0%
{Audi} -> {Hublot, Starbucks} <=> Confidence: 50.0%
{Audi} -> {Starbucks, Vivo} <=> Confidence: 50.0%
{Audi} -> {GUCCI, Titan} <=> Confidence: 50.0%
{Audi} -> {Titan, OnePlus} <=> Confidence: 50.0%
{Audi} -> {Vivo, Titan} <=> Confidence: 50.0%
{Audi} -> {GUCCI, OnePlus} <=> Confidence: 50.0%
{Audi} -> {GUCCI, Vivo} <=> Confidence: 50.0%
{Audi} -> {BMW, OnePlus} <=> Confidence: 50.0%
{Audi} -> {Hublot, OnePlus} <=> Confidence: 50.0%
{Audi} -> {Vivo, OnePlus} <=> Confidence: 50.0%
{Audi} -> {Hublot, BMW} <=> Confidence: 50.0%
{Audi} -> {GUCCI, Starbucks, Titan} <=> Confidence: 50.0%
{Audi} -> {Starbucks, Titan, OnePlus} <=> Confidence: 50.0%
{Audi} -> {Starbucks, Titan, Vivo} <=> Confidence: 50.0%
{Audi} -> {GUCCI, Starbucks, OnePlus} <=> Confidence: 50.0%
{Audi} -> {GUCCI, Starbucks, Vivo} <=> Confidence: 50.0%
{Audi} -> {Starbucks, Vivo, OnePlus} <=> Confidence: 50.0%
{Audi} -> {Starbucks, BMW, OnePlus} <=> Confidence: 50.0%
{Audi} -> {Hublot, Starbucks, OnePlus} <=> Confidence: 50.0%
{Audi} -> {Hublot, Starbucks, BMW} <=> Confidence: 50.0%
{Audi} -> {GUCCI, Titan, OnePlus} <=> Confidence: 50.0%
{Audi} -> {GUCCI, Vivo, Titan} <=> Confidence: 50.0%
{Audi} -> {Vivo, Titan, OnePlus} <=> Confidence: 50.0%
{Audi} -> {GUCCI, Vivo, OnePlus} <=> Confidence: 50.0%
{Audi} -> {Hublot, BMW, OnePlus} <=> Confidence: 50.0%
{Audi} -> {GUCCI, Starbucks, OnePlus, Titan} <=> Confidence: 50.0%
{Audi} -> {Vivo, GUCCI, Starbucks, Titan} <=> Confidence: 50.0%
{Audi} -> {Vivo, GUCCI, Starbucks, OnePlus} <=> Confidence: 50.0%
{Audi} -> {Vivo, GUCCI, OnePlus, Titan} <=> Confidence: 50.0%
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{Audi} -> {Vivo, Starbucks, OnePlus, Titan} <=> Confidence: 50.0%
{Audi} -> {BMW, Hublot, Starbucks, OnePlus} <=> Confidence: 50.0%
{Audi} -> {Vivo, GUCCI, Starbucks, OnePlus, Titan} <=> Confidence: 50.0%
{OnePlus} -> {Audi} <=> Confidence: 100.0%
{OnePlus} -> {BMW} <=> Confidence: 50.0%
{OnePlus} -> {Hublot} <=> Confidence: 50.0%
{OnePlus} -> {Starbucks} <=> Confidence: 100.0%
\{OnePlus\} \rightarrow \{Titan\} \iff Confidence: 50.0\%
{OnePlus} -> {GUCCI} <=> Confidence: 50.0%
{OnePlus} -> {Vivo} <=> Confidence: 50.0%
{OnePlus} -> {Starbucks, Titan} <=> Confidence: 50.0%
{OnePlus} -> {GUCCI, Starbucks} <=> Confidence: 50.0%
{OnePlus} -> {Audi, Starbucks} <=> Confidence: 100.0%
{OnePlus} -> {Starbucks, BMW} <=> Confidence: 50.0%
{OnePlus} -> {Hublot, Starbucks} <=> Confidence: 50.0%
{OnePlus} -> {Starbucks, Vivo} <=> Confidence: 50.0%
{OnePlus} -> {GUCCI, Titan} <=> Confidence: 50.0%
{OnePlus} -> {Audi, Titan} <=> Confidence: 50.0%
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{OnePlus} -> {GUCCI, Audi} <=> Confidence: 50.0%
{OnePlus} -> {GUCCI, Vivo} <=> Confidence: 50.0%
{OnePlus} -> {Audi, BMW} <=> Confidence: 50.0%
{OnePlus} -> {Hublot, Audi} <=> Confidence: 50.0%
{OnePlus} -> {Audi, Vivo} <=> Confidence: 50.0%
{OnePlus} -> {Hublot, BMW} <=> Confidence: 50.0%
{OnePlus} -> {GUCCI, Starbucks, Titan} <=> Confidence: 50.0%
{OnePlus} -> {Audi, Starbucks, Titan} <=> Confidence: 50.0%
{OnePlus} -> {Starbucks, Titan, Vivo} <=> Confidence: 50.0%
{OnePlus} -> {GUCCI, Audi, Starbucks} <=> Confidence: 50.0%
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{OnePlus} -> {Audi, Starbucks, Vivo} <=> Confidence: 50.0%
{OnePlus} -> {Audi, Starbucks, BMW} <=> Confidence: 50.0%
{OnePlus} -> {Hublot, Audi, Starbucks} <=> Confidence: 50.0%
{OnePlus} -> {Hublot, Starbucks, BMW} <=> Confidence: 50.0%
{OnePlus} -> {GUCCI, Audi, Titan} <=> Confidence: 50.0%
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{OnePlus} -> {GUCCI, Audi, Vivo} <=> Confidence: 50.0%
{OnePlus} -> {Hublot, Audi, BMW} <=> Confidence: 50.0%
{OnePlus} -> {Audi, GUCCI, Starbucks, Titan} <=> Confidence: 50.0%
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{OnePlus} -> {Audi, Vivo, GUCCI, Starbucks} <=> Confidence: 50.0%
{OnePlus} -> {Audi, Vivo, GUCCI, Titan} <=> Confidence: 50.0%
{OnePlus} -> {Audi, Vivo, Starbucks, Titan} <=> Confidence: 50.0%
{OnePlus} -> {Audi, BMW, Hublot, Starbucks} <=> Confidence: 50.0%
{OnePlus} -> {Audi, Vivo, GUCCI, Starbucks, Titan} <=> Confidence: 50.0%
```

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{BMW} -> {OnePlus} <=> Confidence: 50.0%
{BMW} -> {Audi} <=> Confidence: 50.0%
{BMW} -> {Hublot} <=> Confidence: 100.0%
{BMW} -> {Starbucks} <=> Confidence: 50.0%
{BMW} -> {Poco} <=> Confidence: 50.0%
{BMW} -> {Adidas} <=> Confidence: 50.0%
{BMW} -> {KFC} <=> Confidence: 50.0%
{BMW} -> {Audi, Starbucks} <=> Confidence: 50.0%
{BMW} -> {Starbucks, OnePlus} <=> Confidence: 50.0%
{BMW} -> {Hublot, Starbucks} <=> Confidence: 50.0%
{BMW} -> {Hublot, Poco} <=> Confidence: 50.0%
{BMW} -> {Poco, Adidas} <=> Confidence: 50.0%
{BMW} -> {KFC, Poco} <=> Confidence: 50.0%
{BMW} -> {Audi, OnePlus} <=> Confidence: 50.0%
{BMW} -> {Hublot, Audi} <=> Confidence: 50.0%
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{BMW} -> {KFC, Adidas} <=> Confidence: 50.0%
{BMW} -> {Audi, Starbucks, OnePlus} <=> Confidence: 50.0%
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{BMW} -> {Hublot, Audi, OnePlus} <=> Confidence: 50.0%
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{BMW} -> {Audi, Hublot, Starbucks, OnePlus} <=> Confidence: 50.0%
{BMW} -> {KFC, Hublot, Adidas, Poco} <=> Confidence: 50.0%
{Hublot} -> {OnePlus} <=> Confidence: 25.0%
{Hublot} -> {Audi} <=> Confidence: 25.0%
{Hublot} -> {BMW} <=> Confidence: 50.0%
{Hublot} -> {Starbucks} <=> Confidence: 25.0%
{Hublot} -> {Poco} <=> Confidence: 25.0%
{Hublot} -> {Samsung} <=> Confidence: 25.0%
{Hublot} -> {Adidas} <=> Confidence: 50.0%
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{Hublot} -> {Nike} <=> Confidence: 25.0%
{Hublot} -> {McD} <=> Confidence: 25.0%
{Hublot} -> {Tissot} <=> Confidence: 25.0%
{Hublot} -> {H&M} <=> Confidence: 25.0%
{Hublot} -> {Audi, Starbucks} <=> Confidence: 25.0%
{Hublot} -> {Starbucks, OnePlus} <=> Confidence: 25.0%
{Hublot} -> {Starbucks, BMW} <=> Confidence: 25.0%
{Hublot} -> {Poco, BMW} <=> Confidence: 25.0%
{Hublot} -> {Poco, Adidas} <=> Confidence: 25.0%
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{Hublot} -> {KFC, Poco} <=> Confidence: 25.0%
{Hublot} -> {H&M, Tissot} <=> Confidence: 25.0%
{Hublot} -> {Audi, OnePlus} <=> Confidence: 25.0%
{Hublot} -> {Audi, BMW} <=> Confidence: 25.0%
{Hublot} -> {BMW, OnePlus} <=> Confidence: 25.0%
{Hublot} -> {Adidas, BMW} <=> Confidence: 25.0%
{Hublot} -> {KFC, BMW} <=> Confidence: 25.0%
{Hublot} -> {KFC, Adidas} <=> Confidence: 50.0%
{Hublot} -> {Samsung, Adidas} <=> Confidence: 25.0%
{Hublot} -> {Nike, Adidas} <=> Confidence: 25.0%
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{Hublot} -> {KFC, Samsung} <=> Confidence: 25.0%
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{Hublot} -> {Audi, Starbucks, BMW} <=> Confidence: 25.0%
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{Hublot} -> {Poco, Adidas, BMW} <=> Confidence: 25.0%
{Hublot} -> {KFC, Poco, BMW} <=> Confidence: 25.0%
{Hublot} -> {KFC, Poco, Adidas} <=> Confidence: 25.0%
{Hublot} -> {Audi, BMW, OnePlus} <=> Confidence: 25.0%
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{Hublot} -> {Samsung, KFC, Adidas} <=> Confidence: 25.0%
{Hublot} -> {Nike, KFC, Adidas} <=> Confidence: 25.0%
{Hublot} -> {McD, KFC, Adidas} <=> Confidence: 25.0%
{Hublot} -> {Nike, Samsung, Adidas} <=> Confidence: 25.0%
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{Hublot} -> {Nike, McD, Samsung} <=> Confidence: 25.0%
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{Hublot} -> {KFC, BMW, Adidas, Poco} <=> Confidence: 25.0%
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{Hublot} -> {KFC, McD, Nike, Adidas, Samsung} <=> Confidence: 25.0%
{Vivo} -> {OnePlus} <=> Confidence: 100.0%
{Vivo} -> {Audi} <=> Confidence: 100.0%
{Vivo} -> {Starbucks} <=> Confidence: 100.0%
```

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{Adidas} -> {Hublot, Samsung} <=> Confidence: 33.33%
{Adidas} -> {Hublot, Nike} <=> Confidence: 33.33%
```

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{KFC} -> {McD} <=> Confidence: 33.33%
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{KFC} -> {H&M, Popeyes, Tissot, ROG} <=> Confidence: 33.33%
{KFC} -> {Nike, Hublot, Adidas, Samsung} <=> Confidence: 33.33%
```

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\{Samsung\} \rightarrow \{McD\} \iff Confidence: 50.0\%
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{Fossil} -> {GUCCI, Hermes} <=> Confidence: 33.33%
{Fossil} -> {IHOP, ROG} <=> Confidence: 33.33%
{Fossil} -> {IHOP, Hermes} <=> Confidence: 33.33%
{Fossil} -> {Hermes, ROG} <=> Confidence: 33.33%
{Fossil} -> {Swiss, Hermes} <=> Confidence: 33.33%
{Fossil} -> {Tata, Hermes} <=> Confidence: 33.33%
{Fossil} -> {Pagani, Hermes} <=> Confidence: 33.33%
{Fossil} -> {Puma, Omega} <=> Confidence: 33.33%
{Fossil} -> {Kia, Omega} <=> Confidence: 33.33%
```

```
{Fossil} -> {Kia, Puma} <=> Confidence: 33.33%
{Fossil} -> {Tata, Swiss} <=> Confidence: 33.33%
{Fossil} -> {Pagani, Swiss} <=> Confidence: 33.33%
{Fossil} -> {Tata, Pagani} <=> Confidence: 33.33%
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{Fossil} -> {GUCCI, Starbucks, Hermes} <=> Confidence: 33.33%
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{Fossil} -> {GUCCI, IHOP, ROG} <=> Confidence: 33.33%
{Fossil} -> {GUCCI, IHOP, Hermes} <=> Confidence: 33.33%
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{Fossil} -> {Swiss, Pagani, Hermes} <=> Confidence: 33.33%
{Fossil} -> {Tata, Pagani, Hermes} <=> Confidence: 33.33%
{Fossil} -> {Kia, Puma, Omega} <=> Confidence: 33.33%
{Fossil} -> {Tata, Pagani, Swiss} <=> Confidence: 33.33%
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{Fossil} -> {GUCCI, Starbucks, Hermes, IHOP} <=> Confidence: 33.33%
{Fossil} -> {GUCCI, Starbucks, Hermes, ROG} <=> Confidence: 33.33%
{Fossil} -> {GUCCI, Hermes, IHOP, ROG} <=> Confidence: 33.33%
{Fossil} -> {Starbucks, Hermes, IHOP, ROG} <=> Confidence: 33.33%
{Fossil} -> {Swiss, Tata, Pagani, Hermes} <=> Confidence: 33.33%
{Fossil} -> {GUCCI, Starbucks, Hermes, IHOP, ROG} <=> Confidence: 33.33%
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{Hermes} -> {GUCCI} <=> Confidence: 50.0%
{Hermes} -> {ROG} <=> Confidence: 50.0%
\{Hermes\} \rightarrow \{Fossil\} \iff Confidence: 100.0\%
{Hermes} -> {IHOP} <=> Confidence: 50.0%
{Hermes} -> {Swiss} <=> Confidence: 50.0%
{Hermes} -> {Tata} <=> Confidence: 50.0%
{Hermes} -> {Pagani} <=> Confidence: 50.0%
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{Hermes} -> {IHOP, ROG} <=> Confidence: 50.0%
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{Hermes} -> {Fossil, ROG} <=> Confidence: 50.0%
{Hermes} -> {Swiss, Fossil} <=> Confidence: 50.0%
{Hermes} -> {Tata, Fossil} <=> Confidence: 50.0%
```

```
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{Hermes} -> {GUCCI, Fossil, ROG} <=> Confidence: 50.0%
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{Hermes} -> {Starbucks, IHOP, Fossil, ROG} <=> Confidence: 50.0%
{Hermes} -> {Swiss, Tata, Pagani, Fossil} <=> Confidence: 50.0%
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{Dunkin} -> {Adidas} <=> Confidence: 33.33%
{Dunkin} -> {Microsoft} <=> Confidence: 33.33%
{Dunkin} -> {Swiss} <=> Confidence: 66.67%
{Dunkin} -> {ZARA} <=> Confidence: 66.67%
{Dunkin} -> {Omega} <=> Confidence: 33.33%
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{Dunkin} -> {Omega, Titan} <=> Confidence: 33.33%
{Dunkin} -> {Puma, Titan} <=> Confidence: 33.33%
{Dunkin} -> {Chipotle, Titan} <=> Confidence: 33.33%
{Dunkin} -> {Subway, Chanel} <=> Confidence: 33.33%
{Dunkin} -> {Microsoft, Chanel} <=> Confidence: 33.33%
{Dunkin} -> {Chanel, Swiss} <=> Confidence: 33.33%
{Dunkin} -> {Chanel, ZARA} <=> Confidence: 33.33%
{Dunkin} -> {Microsoft, Subway} <=> Confidence: 33.33%
{Dunkin} -> {Subway, Swiss} <=> Confidence: 33.33%
{Dunkin} -> {Subway, ZARA} <=> Confidence: 33.33%
```

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{Dunkin} -> {ZARA, Adidas} <=> Confidence: 33.33%
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{Dunkin} -> {ZARA, Samsung} <=> Confidence: 33.33%
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{Dunkin} -> {Subway, Chanel, Swiss} <=> Confidence: 33.33%
{Dunkin} -> {Subway, Chanel, ZARA} <=> Confidence: 33.33%
{Dunkin} -> {Microsoft, Chanel, Swiss} <=> Confidence: 33.33%
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{Dunkin} -> {ZARA, Samsung, Swiss} <=> Confidence: 33.33%
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{Dunkin} -> {Omega, Puma, Titan, Chipotle} <=> Confidence: 33.33%
{Dunkin} -> {Swiss, Adidas, Samsung, ZARA} <=> Confidence: 33.33%
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{Omega} -> {Dunkin} <=> Confidence: 50.0%
{Omega} -> {Puma} <=> Confidence: 100.0%
{Omega} -> {Chipotle} <=> Confidence: 50.0%
{Omega} -> {Kia} <=> Confidence: 50.0%
{Omega} -> {Titan, Dunkin} <=> Confidence: 50.0%
{Omega} -> {Puma, Titan} <=> Confidence: 50.0%
{Omega} -> {Chipotle, Titan} <=> Confidence: 50.0%
```

```
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{Omega} -> {Kia, Fossil} <=> Confidence: 50.0%
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{Puma} -> {Kia} <=> Confidence: 50.0%
{Puma} -> {Titan, Dunkin} <=> Confidence: 50.0%
{Puma} -> {Titan, Omega} <=> Confidence: 50.0%
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{Chipotle} -> {Titan, Dunkin} <=> Confidence: 100.0%
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{Chipotle} -> {Puma, Titan, Omega} <=> Confidence: 100.0%
{Chipotle} -> {Puma, Titan, Dunkin} <=> Confidence: 100.0%
```

```
{Chipotle} -> {Dunkin, Puma, Omega} <=> Confidence: 100.0%
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{Microsoft} -> {Swiss} <=> Confidence: 100.0%
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{Swiss} -> {Adidas} <=> Confidence: 33.33%
{Swiss} -> {Fossil} <=> Confidence: 33.33%
{Swiss} -> {Hermes} <=> Confidence: 33.33%
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{Swiss} -> {Dunkin} <=> Confidence: 66.67%
{Swiss} -> {Tata} <=> Confidence: 33.33%
{Swiss} -> {Pagani} <=> Confidence: 33.33%
{Swiss} -> {Subway, Chanel} <=> Confidence: 33.33%
{Swiss} -> {Chanel, Dunkin} <=> Confidence: 33.33%
```

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{Swiss} -> {Microsoft, Chanel} <=> Confidence: 33.33%
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{ZARA} -> {Chanel} <=> Confidence: 50.0%
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{Kia} -> {Omega} <=> Confidence: 100.0%
{Kia} -> {Puma} <=> Confidence: 100.0%
{Kia} -> {Fossil, Omega} <=> Confidence: 100.0%
```

```
{Kia} -> {Puma, Fossil} <=> Confidence: 100.0%
{Kia} -> {Puma, Omega} <=> Confidence: 100.0%
{Kia} -> {Puma, Fossil, Omega} <=> Confidence: 100.0%
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{Tata} -> {Hermes} <=> Confidence: 100.0%
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{Tata} -> {Pagani} <=> Confidence: 100.0%
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{Tata} -> {Fossil, Pagani} <=> Confidence: 100.0%
{Tata} -> {Swiss, Hermes} <=> Confidence: 100.0%
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{Pagani} -> {Tata, Fossil, Hermes} <=> Confidence: 100.0%
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{Pagani} -> {Swiss, Tata, Hermes, Fossil} <=> Confidence: 100.0%
{IOOO, Tesla} -> {Coach} <=> Confidence: 100.0%
{IQOO, Tesla} -> {Chanel} <=> Confidence: 50.0%
\{IQOO, Tesla\} \rightarrow \{Subway\} \iff Confidence: 50.0\%
{IQOO, Tesla} -> {Xiaomi} <=> Confidence: 50.0%
{IOOO, Tesla} -> {Chanel, Coach} <=> Confidence: 50.0%
{IQOO, Tesla} -> {Subway, Coach} <=> Confidence: 50.0%
{IQOO, Tesla} -> {Xiaomi, Coach} <=> Confidence: 50.0%
{IQOO, Tesla} -> {Subway, Chanel} <=> Confidence: 50.0%
{IQOO, Tesla} -> {Xiaomi, Chanel} <=> Confidence: 50.0%
{IQOO, Tesla} -> {Xiaomi, Subway} <=> Confidence: 50.0%
{IQOO, Tesla} -> {Chanel, Coach, Subway} <=> Confidence: 50.0%
{IQOO, Tesla} -> {Chanel, Coach, Xiaomi} <=> Confidence: 50.0%
{IOOO, Tesla} -> {Chanel, Subway, Xiaomi} <=> Confidence: 50.0%
```

```
{IQOO, Tesla} -> {Coach, Subway, Xiaomi} <=> Confidence: 50.0%
{IQOO, Tesla} -> {Chanel, Coach, Subway, Xiaomi} <=> Confidence: 50.0%
{IOOO, Coach} -> {Tesla} <=> Confidence: 100.0%
{IQOO, Coach} -> {Chanel} <=> Confidence: 50.0%
{IQOO, Coach} -> {Subway} <=> Confidence: 50.0%
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{IQOO, Coach} -> {Chanel, Tesla, Xiaomi} <=> Confidence: 50.0%
{IQOO, Coach} -> {Chanel, Subway, Xiaomi} <=> Confidence: 50.0%
{IOOO, Coach} -> {Tesla, Subway, Xiaomi} <=> Confidence: 50.0%
{IQOO, Coach} -> {Chanel, Tesla, Subway, Xiaomi} <=> Confidence: 50.0%
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{Tesla, Coach} -> {Apple} <=> Confidence: 33.33%
{Tesla, Coach} -> {Rolex} <=> Confidence: 33.33%
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{Tesla, Coach} -> {IQOO, Subway} <=> Confidence: 33.33%
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{Tesla, Coach} -> {Xiaomi, Chanel} <=> Confidence: 33.33%
{Tesla, Coach} -> {Xiaomi, Subway} <=> Confidence: 33.33%
{Tesla, Coach} -> {Apple, Rolex} <=> Confidence: 33.33%
{Tesla, Coach} -> {IQOO, Chanel, Subway} <=> Confidence: 33.33%
{Tesla, Coach} -> {IQOO, Chanel, Xiaomi} <=> Confidence: 33.33%
{Tesla, Coach} -> {IQOO, Subway, Xiaomi} <=> Confidence: 33.33%
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{IQOO, Chanel} -> {Xiaomi} <=> Confidence: 100.0%
{IQOO, Chanel} -> {Tesla, Coach} <=> Confidence: 100.0%
{IQOO, Chanel} -> {Subway, Tesla} <=> Confidence: 100.0%
{IQOO, Chanel} -> {Xiaomi, Tesla} <=> Confidence: 100.0%
{IQOO, Chanel} -> {Subway, Coach} <=> Confidence: 100.0%
{IQOO, Chanel} -> {Xiaomi, Coach} <=> Confidence: 100.0%
{IQOO, Chanel} -> {Subway, Xiaomi} <=> Confidence: 100.0%
{IQOO, Chanel} -> {Tesla, Coach, Subway} <=> Confidence: 100.0%
```

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{IOOO, Chanel} -> {Coach, Subway, Xiaomi} <=> Confidence: 100.0%
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{Chanel, Tesla} -> {IQOO, Xiaomi} <=> Confidence: 100.0%
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{Chanel, Tesla} -> {IOOO, Coach, Xiaomi} <=> Confidence: 100.0%
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{IQOO, Subway} -> {Chanel, Tesla, Coach} <=> Confidence: 100.0%
{IQOO, Subway} -> {Chanel, Tesla, Xiaomi} <=> Confidence: 100.0%
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{Subway, Tesla} -> {Xiaomi, Chanel} <=> Confidence: 100.0%
{IQOO, Xiaomi} -> {Tesla} <=> Confidence: 100.0%
{IOOO, Xiaomi} -> {Coach} <=> Confidence: 100.0%
```

```
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{IQOO, Xiaomi} -> {Tesla, Coach, Subway} <=> Confidence: 100.0%
{IQOO, Xiaomi} -> {Chanel, Tesla, Coach, Subway} <=> Confidence: 100.0%
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{Xiaomi, Tesla} -> {IOOO, Coach} <=> Confidence: 100.0%
{Xiaomi, Tesla} -> {IQOO, Chanel} <=> Confidence: 100.0%
{Xiaomi, Tesla} -> {IQOO, Subway} <=> Confidence: 100.0%
{Xiaomi, Tesla} -> {Chanel, Coach} <=> Confidence: 100.0%
{Xiaomi, Tesla} -> {Subway, Coach} <=> Confidence: 100.0%
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{Chanel, Coach} -> {Tesla} <=> Confidence: 50.0%
{Chanel, Coach} -> {Subway} <=> Confidence: 100.0%
{Chanel, Coach} -> {Xiaomi} <=> Confidence: 50.0%
{Chanel, Coach} -> {Poco} <=> Confidence: 50.0%
{Chanel, Coach} -> {IQOO, Tesla} <=> Confidence: 50.0%
{Chanel, Coach} -> {IQOO, Subway} <=> Confidence: 50.0%
{Chanel, Coach} -> {IQOO, Xiaomi} <=> Confidence: 50.0%
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{Chanel, Coach} -> {Subway, Xiaomi} <=> Confidence: 50.0%
{Chanel, Coach} -> {Subway, Poco} <=> Confidence: 50.0%
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{Chanel, Coach} -> {IQOO, Tesla, Xiaomi} <=> Confidence: 50.0%
{Chanel, Coach} -> {IOOO, Subway, Xiaomi} <=> Confidence: 50.0%
{Chanel, Coach} -> {Tesla, Subway, Xiaomi} <=> Confidence: 50.0%
{Chanel, Coach} -> {IOOO, Tesla, Subway, Xiaomi} <=> Confidence: 50.0%
{Subway, Coach} -> {IQOO} <=> Confidence: 50.0%
{Subway, Coach} -> {Tesla} <=> Confidence: 50.0%
{Subway, Coach} -> {Chanel} <=> Confidence: 100.0%
{Subway, Coach} -> {Xiaomi} <=> Confidence: 50.0%
{Subway, Coach} -> {Poco} <=> Confidence: 50.0%
{Subway, Coach} -> {IOOO, Tesla} <=> Confidence: 50.0%
```

```
{Subway, Coach} -> {IQOO, Chanel} <=> Confidence: 50.0%
{Subway, Coach} -> {IQOO, Xiaomi} <=> Confidence: 50.0%
{Subway, Coach} -> {Chanel, Tesla} <=> Confidence: 50.0%
{Subway, Coach} -> {Xiaomi, Tesla} <=> Confidence: 50.0%
{Subway, Coach} -> {Chanel, Xiaomi} <=> Confidence: 50.0%
{Subway, Coach} -> {Chanel, Poco} <=> Confidence: 50.0%
{Xiaomi, Coach} -> {IQOO} <=> Confidence: 100.0%
{Xiaomi, Coach} -> {Tesla} <=> Confidence: 100.0%
{Xiaomi, Coach} -> {Chanel} <=> Confidence: 100.0%
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{Xiaomi, Coach} -> {IQOO, Subway} <=> Confidence: 100.0%
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{Xiaomi, Coach} -> {Subway, Tesla} <=> Confidence: 100.0%
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{IQOO, Starbucks} -> {GUCCI, Titan} <=> Confidence: 100.0%
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{Starbucks, Titan} -> {Audi} <=> Confidence: 50.0%
{Starbucks, Titan} -> {OnePlus} <=> Confidence: 50.0%
{Starbucks, Titan} -> {Vivo} <=> Confidence: 50.0%
{Starbucks, Titan} -> {IOOO, GUCCI} <=> Confidence: 50.0%
{Starbucks, Titan} -> {GUCCI, Audi} <=> Confidence: 50.0%
{Starbucks, Titan} -> {GUCCI, OnePlus} <=> Confidence: 50.0%
{Starbucks, Titan} -> {GUCCI, Vivo} <=> Confidence: 50.0%
{Starbucks, Titan} -> {Audi, OnePlus} <=> Confidence: 50.0%
{Starbucks, Titan} -> {Audi, Vivo} <=> Confidence: 50.0%
{Starbucks, Titan} -> {Vivo, OnePlus} <=> Confidence: 50.0%
{Starbucks, Titan} -> {Audi, GUCCI, OnePlus} <=> Confidence: 50.0%
{Starbucks, Titan} -> {Audi, Vivo, GUCCI} <=> Confidence: 50.0%
{Starbucks, Titan} -> {Vivo, GUCCI, OnePlus} <=> Confidence: 50.0%
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{Starbucks, Titan} -> {Audi, Vivo, GUCCI, OnePlus} <=> Confidence: 50.0%
{IQOO, GUCCI} -> {Starbucks} <=> Confidence: 100.0%
{IQOO, GUCCI} -> {Titan} <=> Confidence: 100.0%
{IQOO, GUCCI} -> {Starbucks, Titan} <=> Confidence: 100.0%
{GUCCI, Starbucks} -> {IQOO} <=> Confidence: 33.33%
{GUCCI, Starbucks} -> {Titan} <=> Confidence: 66.67%
{GUCCI, Starbucks} -> {IHOP} <=> Confidence: 33.33%
{GUCCI, Starbucks} -> {Audi} <=> Confidence: 33.33%
```

```
{GUCCI, Starbucks} -> {OnePlus} <=> Confidence: 33.33%
{GUCCI, Starbucks} -> {Vivo} <=> Confidence: 33.33%
{GUCCI, Starbucks} -> {ROG} <=> Confidence: 33.33%
{GUCCI, Starbucks} -> {Fossil} <=> Confidence: 33.33%
{GUCCI, Starbucks} -> {Hermes} <=> Confidence: 33.33%
{GUCCI, Starbucks} -> {IQOO, Titan} <=> Confidence: 33.33%
{GUCCI, Starbucks} -> {Audi, Titan} <=> Confidence: 33.33%
{GUCCI, Starbucks} -> {Titan, OnePlus} <=> Confidence: 33.33%
{GUCCI, Starbucks} -> {Titan, Vivo} <=> Confidence: 33.33%
{GUCCI, Starbucks} -> {Audi, OnePlus} <=> Confidence: 33.33%
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{GUCCI, Titan} -> {Starbucks} <=> Confidence: 100.0%
{GUCCI, Titan} -> {Audi} <=> Confidence: 50.0%
{GUCCI, Titan} -> {OnePlus} <=> Confidence: 50.0%
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{GUCCI, Titan} -> {Starbucks, OnePlus} <=> Confidence: 50.0%
{GUCCI, Titan} -> {Starbucks, Vivo} <=> Confidence: 50.0%
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{GUCCI, Titan} -> {Audi, Vivo, Starbucks} <=> Confidence: 50.0%
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{Subway, Chanel} -> {IOOO} <=> Confidence: 33.33%
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```
{Subway, Chanel} -> {Tesla} <=> Confidence: 33.33%
{Subway, Chanel} -> {Coach} <=> Confidence: 66.67%
{Subway, Chanel} -> {Xiaomi} <=> Confidence: 33.33%
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{Subway, Chanel} -> {IQOO, Tesla} <=> Confidence: 33.33%
{Subway, Chanel} -> {IQOO, Coach} <=> Confidence: 33.33%
{Subway, Chanel} -> {IQOO, Xiaomi} <=> Confidence: 33.33%
{Subway, Chanel} -> {Tesla, Coach} <=> Confidence: 33.33%
{Subway, Chanel} -> {Xiaomi, Tesla} <=> Confidence: 33.33%
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{Subway, Xiaomi} -> {Chanel, Tesla} <=> Confidence: 100.0%
{Subway, Xiaomi} -> {Chanel, Coach} <=> Confidence: 100.0%
{Subway, Xiaomi} -> {IOOO, Chanel, Tesla} <=> Confidence: 100.0%
{Subway, Xiaomi} -> {IQOO, Chanel, Coach} <=> Confidence: 100.0%
{Subway, Xiaomi} -> {IQOO, Tesla, Coach} <=> Confidence: 100.0%
{Subway, Xiaomi} -> {Chanel, Tesla, Coach} <=> Confidence: 100.0%
{Subway, Xiaomi} -> {IQOO, Chanel, Tesla, Coach} <=> Confidence: 100.0%
{Apple, Tesla} -> {Coach} <=> Confidence: 100.0%
{Apple, Tesla} -> {Rolex, Coach} <=> Confidence: 100.0%
```

```
{Apple, Coach} -> {Tesla} <=> Confidence: 100.0%
{Apple, Coach} \rightarrow {Rolex} \iff Confidence: 100.0%
{Apple, Coach} -> {Rolex, Tesla} <=> Confidence: 100.0%
{Rolex, Tesla} -> {Coach} <=> Confidence: 100.0%
{Rolex, Tesla} -> {Apple} <=> Confidence: 100.0%
{Rolex, Tesla} -> {Apple, Coach} <=> Confidence: 100.0%
{Rolex, Coach} -> {Tesla} <=> Confidence: 100.0%
{Rolex, Coach} -> {Apple} <=> Confidence: 100.0%
{Rolex, Coach} -> {Apple, Tesla} <=> Confidence: 100.0%
{Xiaomi, Chanel} -> {Tesla} <=> Confidence: 100.0%
{Xiaomi, Chanel} -> {IQOO, Tesla} <=> Confidence: 100.0%
{Xiaomi, Chanel} -> {Tesla, Coach} <=> Confidence: 100.0%
{Xiaomi, Chanel} -> {Subway, Tesla} <=> Confidence: 100.0%
{Xiaomi, Subway} -> {Tesla} <=> Confidence: 100.0%
{Xiaomi, Subway} -> {IQOO, Tesla} <=> Confidence: 100.0%
{Xiaomi, Subway} -> {Tesla, Coach} <=> Confidence: 100.0%
{Rolex, Apple} -> {Tesla} <=> Confidence: 100.0%
{Rolex, Apple} -> {Coach} <=> Confidence: 100.0%
\{\text{Tesla, Apple}\} \rightarrow \{\text{Rolex}\} \iff \text{Confidence: } 100.0\%
{Chanel, Poco} -> {Coach} <=> Confidence: 100.0%
{Chanel, Poco} -> {Subway} <=> Confidence: 100.0%
{Chanel, Poco} -> {Subway, Coach} <=> Confidence: 100.0%
{Coach, Poco} -> {Chanel} <=> Confidence: 100.0%
{Coach, Poco} -> {Subway} <=> Confidence: 100.0%
{Coach, Poco} -> {Subway, Chanel} <=> Confidence: 100.0%
{Subway, Poco} -> {Coach} <=> Confidence: 100.0%
{Subway, Poco} -> {Chanel} <=> Confidence: 100.0%
{Subway, Poco} -> {Chanel, Coach} <=> Confidence: 100.0%
{Bugatti, Tissot} -> {Coach} <=> Confidence: 50.0%
{Bugatti, Tissot} -> {H&M} <=> Confidence: 100.0%
{Bugatti, Tissot} -> {Popeyes} <=> Confidence: 100.0%
{Bugatti, Tissot} -> {H&M, Coach} <=> Confidence: 50.0%
{Bugatti, Tissot} -> {Popeyes, Coach} <=> Confidence: 50.0%
{Bugatti, Tissot} -> {H&M, Popeyes} <=> Confidence: 100.0%
{Bugatti, Coach} -> {Tissot} <=> Confidence: 100.0%
{Bugatti, Coach} -> {H&M} <=> Confidence: 100.0%
{Bugatti, Coach} -> {Popeyes} <=> Confidence: 100.0%
{Bugatti, Coach} -> {H&M, Tissot} <=> Confidence: 100.0%
{Bugatti, Coach} -> {Popeyes, Tissot} <=> Confidence: 100.0%
{Bugatti, Coach} -> {H&M, Popeyes} <=> Confidence: 100.0%
{Tissot, Coach} -> {Bugatti} <=> Confidence: 100.0%
{Tissot, Coach} -> {H&M} <=> Confidence: 100.0%
{Tissot, Coach} -> {Popeyes} <=> Confidence: 100.0%
{Tissot, Coach} -> {Bugatti, H&M} <=> Confidence: 100.0%
{Tissot, Coach} -> {Bugatti, Popeyes} <=> Confidence: 100.0%
{Tissot, Coach} -> {H&M, Popeyes} <=> Confidence: 100.0%
```

```
{Bugatti, H&M} -> {Coach} <=> Confidence: 50.0%
{Bugatti, H&M} -> {Tissot} <=> Confidence: 100.0%
{Bugatti, H&M} -> {Popeyes} <=> Confidence: 100.0%
{Bugatti, H&M} -> {Tissot, Coach} <=> Confidence: 50.0%
{Bugatti, H&M} -> {Popeyes, Coach} <=> Confidence: 50.0%
{Bugatti, H&M} -> {Popeyes, Tissot} <=> Confidence: 100.0%
{H&M, Coach} -> {Bugatti} <=> Confidence: 100.0%
{H&M, Coach} -> {Tissot} <=> Confidence: 100.0%
{H&M, Coach} -> {Popeyes} <=> Confidence: 100.0%
{H&M, Coach} -> {Bugatti, Tissot} <=> Confidence: 100.0%
{H&M, Coach} -> {Bugatti, Popeyes} <=> Confidence: 100.0%
{H&M, Coach} -> {Tissot, Popeyes} <=> Confidence: 100.0%
{H&M, Coach} -> {Popeyes, Tissot, Bugatti} <=> Confidence: 100.0%
{Bugatti, Popeyes} -> {Coach} <=> Confidence: 50.0%
{Bugatti, Popeyes} -> {Tissot} <=> Confidence: 100.0%
{Bugatti, Popeyes} -> {H&M} <=> Confidence: 100.0%
{Bugatti, Popeyes} -> {Tissot, Coach} <=> Confidence: 50.0%
{Bugatti, Popeyes} -> {H&M, Coach} <=> Confidence: 50.0%
{Bugatti, Popeyes} -> {H&M, Tissot} <=> Confidence: 100.0%
{Popeyes, Coach} -> {Bugatti} <=> Confidence: 100.0%
{Popeyes, Coach} -> {Tissot} <=> Confidence: 100.0%
{Popeyes, Coach} -> {H&M} <=> Confidence: 100.0%
{Popeyes, Coach} -> {Bugatti, Tissot} <=> Confidence: 100.0%
{Popeyes, Coach} -> {Bugatti, H&M} <=> Confidence: 100.0%
{Popeyes, Coach} -> {Tissot, H&M} <=> Confidence: 100.0%
{Tissot, H&M} -> {Coach} <=> Confidence: 25.0%
{Tissot, H&M} -> {Popeyes, Coach} <=> Confidence: 25.0%
{Tissot, Popeyes} -> {Coach} <=> Confidence: 33.33%
{Tissot, Popeyes} -> {H&M, Coach} <=> Confidence: 33.33%
{H&M, Popeyes} -> {Coach} <=> Confidence: 33.33%
{H&M, Popeyes} -> {Bugatti} <=> Confidence: 66.67%
{H&M, Popeyes} -> {Tissot} <=> Confidence: 100.0%
{H&M, Popeyes} -> {KFC} <=> Confidence: 33.33%
{H&M, Popeyes} -> {ROG} <=> Confidence: 33.33%
{H&M, Popeyes} -> {Bugatti, Coach} <=> Confidence: 33.33%
{H&M, Popeyes} -> {Tissot, Coach} <=> Confidence: 33.33%
{H&M, Popeyes} -> {Bugatti, Tissot} <=> Confidence: 66.67%
{H&M, Popeyes} -> {Tissot, ROG} <=> Confidence: 33.33%
{H&M, Popeyes} -> {KFC, Tissot} <=> Confidence: 33.33%
{H&M, Popeyes} -> {KFC, ROG} <=> Confidence: 33.33%
{H&M, Popeyes} -> {Coach, Tissot, Bugatti} <=> Confidence: 33.33%
{H&M, Popeyes} -> {KFC, Tissot, ROG} <=> Confidence: 33.33%
{Audi, Starbucks} -> {Titan} <=> Confidence: 50.0%
{Audi, Starbucks} -> {GUCCI} <=> Confidence: 50.0%
{Audi, Starbucks} -> {OnePlus} <=> Confidence: 100.0%
{Audi, Starbucks} -> {BMW} <=> Confidence: 50.0%
```

```
{Audi, Starbucks} -> {Hublot} <=> Confidence: 50.0%
{Audi, Starbucks} -> {Vivo} <=> Confidence: 50.0%
{Audi, Starbucks} -> {GUCCI, Titan} <=> Confidence: 50.0%
{Audi, Starbucks} -> {Titan, OnePlus} <=> Confidence: 50.0%
{Audi, Starbucks} -> {Titan, Vivo} <=> Confidence: 50.0%
{Audi, Starbucks} -> {GUCCI, OnePlus} <=> Confidence: 50.0%
{Audi, Starbucks} -> {GUCCI, Vivo} <=> Confidence: 50.0%
{Audi, Starbucks} -> {Vivo, OnePlus} <=> Confidence: 50.0%
{Audi, Starbucks} -> {BMW, OnePlus} <=> Confidence: 50.0%
{Audi, Starbucks} -> {Hublot, OnePlus} <=> Confidence: 50.0%
{Audi, Starbucks} -> {Hublot, BMW} <=> Confidence: 50.0%
{Audi, Starbucks} -> {GUCCI, OnePlus, Titan} <=> Confidence: 50.0%
{Audi, Starbucks} -> {Vivo, GUCCI, Titan} <=> Confidence: 50.0%
{Audi, Starbucks} -> {Vivo, GUCCI, OnePlus} <=> Confidence: 50.0%
{Audi, Starbucks} -> {Vivo, OnePlus, Titan} <=> Confidence: 50.0%
{Audi, Starbucks} -> {BMW, Hublot, OnePlus} <=> Confidence: 50.0%
{Audi, Starbucks} -> {Vivo, GUCCI, OnePlus, Titan} <=> Confidence: 50.0%
{Audi, Titan} -> {Starbucks} <=> Confidence: 100.0%
{Audi, Titan} -> {GUCCI} <=> Confidence: 100.0%
{Audi, Titan} -> {OnePlus} <=> Confidence: 100.0%
{Audi, Titan} -> {Vivo} <=> Confidence: 100.0%
{Audi, Titan} -> {GUCCI, Starbucks} <=> Confidence: 100.0%
{Audi, Titan} -> {Starbucks, OnePlus} <=> Confidence: 100.0%
{Audi, Titan} -> {Starbucks, Vivo} <=> Confidence: 100.0%
{Audi, Titan} -> {GUCCI, OnePlus} <=> Confidence: 100.0%
{Audi, Titan} -> {GUCCI, Vivo} <=> Confidence: 100.0%
{Audi, Titan} -> {Vivo, OnePlus} <=> Confidence: 100.0%
{Audi, Titan} -> {GUCCI, Starbucks, OnePlus} <=> Confidence: 100.0%
{Audi, Titan} -> {Vivo, GUCCI, Starbucks} <=> Confidence: 100.0%
{Audi, Titan} -> {Vivo, GUCCI, OnePlus} <=> Confidence: 100.0%
{Audi, Titan} -> {Vivo, Starbucks, OnePlus} <=> Confidence: 100.0%
{Audi, Titan} -> {Vivo, GUCCI, Starbucks, OnePlus} <=> Confidence: 100.0%
{Starbucks, OnePlus} -> {Titan} <=> Confidence: 50.0%
{Starbucks, OnePlus} -> {GUCCI} <=> Confidence: 50.0%
{Starbucks, OnePlus} -> {Audi} <=> Confidence: 100.0%
{Starbucks, OnePlus} -> {BMW} <=> Confidence: 50.0%
{Starbucks, OnePlus} -> {Hublot} <=> Confidence: 50.0%
{Starbucks, OnePlus} -> {Vivo} <=> Confidence: 50.0%
{Starbucks, OnePlus} -> {GUCCI, Titan} <=> Confidence: 50.0%
{Starbucks, OnePlus} -> {Audi, Titan} <=> Confidence: 50.0%
{Starbucks, OnePlus} -> {Titan, Vivo} <=> Confidence: 50.0%
{Starbucks, OnePlus} -> {GUCCI, Audi} <=> Confidence: 50.0%
{Starbucks, OnePlus} -> {GUCCI, Vivo} <=> Confidence: 50.0%
{Starbucks, OnePlus} -> {Audi, Vivo} <=> Confidence: 50.0%
{Starbucks, OnePlus} -> {Audi, BMW} <=> Confidence: 50.0%
{Starbucks, OnePlus} -> {Hublot, Audi} <=> Confidence: 50.0%
```

```
{Starbucks, OnePlus} -> {Hublot, BMW} <=> Confidence: 50.0%
{Starbucks, OnePlus} -> {Audi, GUCCI, Titan} <=> Confidence: 50.0%
{Starbucks, OnePlus} -> {Vivo, GUCCI, Titan} <=> Confidence: 50.0%
{Starbucks, OnePlus} -> {Audi, Vivo, GUCCI} <=> Confidence: 50.0%
{Starbucks, OnePlus} -> {Audi, Vivo, Titan} <=> Confidence: 50.0%
{Starbucks, OnePlus} -> {Audi, BMW, Hublot} <=> Confidence: 50.0%
{Starbucks, OnePlus} -> {Audi, Vivo, GUCCI, Titan} <=> Confidence: 50.0%
{Titan, OnePlus} -> {Starbucks} <=> Confidence: 100.0%
{Titan, OnePlus} -> {GUCCI} <=> Confidence: 100.0%
{Titan, OnePlus} -> {Audi} <=> Confidence: 100.0%
{Titan, OnePlus} -> {Vivo} <=> Confidence: 100.0%
{Titan, OnePlus} -> {GUCCI, Starbucks} <=> Confidence: 100.0%
{Titan, OnePlus} -> {Audi, Starbucks} <=> Confidence: 100.0%
{Titan, OnePlus} -> {Starbucks, Vivo} <=> Confidence: 100.0%
{Titan, OnePlus} -> {GUCCI, Audi} <=> Confidence: 100.0%
{Titan, OnePlus} -> {GUCCI, Vivo} <=> Confidence: 100.0%
{Titan, OnePlus} -> {Audi, Vivo} <=> Confidence: 100.0%
{Starbucks, Vivo} -> {Titan} <=> Confidence: 100.0%
{Starbucks, Vivo} -> {GUCCI} <=> Confidence: 100.0%
{Starbucks, Vivo} -> {Audi} <=> Confidence: 100.0%
{Starbucks, Vivo} -> {OnePlus} <=> Confidence: 100.0%
{Starbucks, Vivo} -> {GUCCI, Titan} <=> Confidence: 100.0%
{Starbucks, Vivo} -> {Audi, Titan} <=> Confidence: 100.0%
{Starbucks, Vivo} -> {Titan, OnePlus} <=> Confidence: 100.0%
{Starbucks, Vivo} -> {GUCCI, Audi} <=> Confidence: 100.0%
{Starbucks, Vivo} -> {GUCCI, OnePlus} <=> Confidence: 100.0%
{Starbucks, Vivo} -> {Audi, OnePlus} <=> Confidence: 100.0%
{Titan, Vivo} -> {Starbucks} <=> Confidence: 100.0%
{Titan, Vivo} -> {GUCCI, Starbucks} <=> Confidence: 100.0%
{Titan, Vivo} -> {Audi, Starbucks} <=> Confidence: 100.0%
{Titan, Vivo} -> {Starbucks, OnePlus} <=> Confidence: 100.0%
{GUCCI, IHOP} -> {Starbucks} <=> Confidence: 100.0%
{GUCCI, IHOP} -> {ROG} <=> Confidence: 100.0%
{GUCCI, IHOP} -> {Fossil} <=> Confidence: 100.0%
{GUCCI, IHOP} -> {Hermes} <=> Confidence: 100.0%
{GUCCI, IHOP} -> {Starbucks, ROG} <=> Confidence: 100.0%
{GUCCI, IHOP} -> {Starbucks, Fossil} <=> Confidence: 100.0%
{GUCCI, IHOP} -> {Starbucks, Hermes} <=> Confidence: 100.0%
{GUCCI, IHOP} -> {Fossil, ROG} <=> Confidence: 100.0%
{GUCCI, IHOP} -> {Hermes, ROG} <=> Confidence: 100.0%
{GUCCI, IHOP} -> {Hermes, Fossil} <=> Confidence: 100.0%
{GUCCI, IHOP} -> {Starbucks, Fossil, ROG} <=> Confidence: 100.0%
{GUCCI, IHOP} -> {Starbucks, Hermes, ROG} <=> Confidence: 100.0%
{GUCCI, IHOP} -> {Starbucks, Hermes, Fossil} <=> Confidence: 100.0%
{GUCCI, IHOP} -> {Hermes, Fossil, ROG} <=> Confidence: 100.0%
{GUCCI, IHOP} -> {Starbucks, Hermes, Fossil, ROG} <=> Confidence: 100.0%
```

```
{IHOP, Starbucks} -> {GUCCI} <=> Confidence: 100.0%
{IHOP, Starbucks} -> {ROG} <=> Confidence: 100.0%
{IHOP, Starbucks} -> {Fossil} <=> Confidence: 100.0%
{IHOP, Starbucks} -> {Hermes} <=> Confidence: 100.0%
{IHOP, Starbucks} -> {GUCCI, ROG} <=> Confidence: 100.0%
{IHOP, Starbucks} -> {GUCCI, Fossil} <=> Confidence: 100.0%
{IHOP, Starbucks} -> {GUCCI, Hermes} <=> Confidence: 100.0%
{IHOP, Starbucks} -> {Fossil, ROG} <=> Confidence: 100.0%
{IHOP, Starbucks} -> {Hermes, ROG} <=> Confidence: 100.0%
{IHOP, Starbucks} -> {Fossil, Hermes} <=> Confidence: 100.0%
{GUCCI, Audi} -> {Starbucks} <=> Confidence: 100.0%
{GUCCI, Audi} -> {Titan} <=> Confidence: 100.0%
{GUCCI, Audi} -> {OnePlus} <=> Confidence: 100.0%
{GUCCI, Audi} -> {Vivo} <=> Confidence: 100.0%
{GUCCI, Audi} -> {Starbucks, Titan} <=> Confidence: 100.0%
{GUCCI, Audi} -> {Starbucks, OnePlus} <=> Confidence: 100.0%
{GUCCI, Audi} -> {Starbucks, Vivo} <=> Confidence: 100.0%
{GUCCI, Audi} -> {Titan, OnePlus} <=> Confidence: 100.0%
{GUCCI, Audi} -> {Vivo, Titan} <=> Confidence: 100.0%
{GUCCI, Audi} -> {Vivo, OnePlus} <=> Confidence: 100.0%
{GUCCI, OnePlus} -> {Starbucks} <=> Confidence: 100.0%
{GUCCI, OnePlus} -> {Titan} <=> Confidence: 100.0%
{GUCCI, OnePlus} -> {Audi} <=> Confidence: 100.0%
{GUCCI, OnePlus} -> {Vivo} <=> Confidence: 100.0%
{GUCCI, OnePlus} -> {Starbucks, Titan} <=> Confidence: 100.0%
{GUCCI, OnePlus} -> {Audi, Starbucks} <=> Confidence: 100.0%
{GUCCI, OnePlus} -> {Starbucks, Vivo} <=> Confidence: 100.0%
{GUCCI, OnePlus} -> {Audi, Titan} <=> Confidence: 100.0%
{GUCCI, OnePlus} -> {Vivo, Titan} <=> Confidence: 100.0%
{GUCCI, OnePlus} -> {Audi, Vivo} <=> Confidence: 100.0%
{GUCCI, OnePlus} -> {Audi, Starbucks, Titan} <=> Confidence: 100.0%
{GUCCI, OnePlus} -> {Vivo, Starbucks, Titan} <=> Confidence: 100.0%
{GUCCI, OnePlus} -> {Audi, Vivo, Starbucks} <=> Confidence: 100.0%
{GUCCI, OnePlus} -> {Audi, Vivo, Titan} <=> Confidence: 100.0%
{GUCCI, OnePlus} -> {Audi, Vivo, Starbucks, Titan} <=> Confidence: 100.0%
{GUCCI, Vivo} -> {Starbucks} <=> Confidence: 100.0%
{GUCCI, Vivo} -> {Titan} <=> Confidence: 100.0%
{GUCCI, Vivo} -> {Audi} <=> Confidence: 100.0%
{GUCCI, Vivo} -> {OnePlus} <=> Confidence: 100.0%
{GUCCI, Vivo} -> {Starbucks, Titan} <=> Confidence: 100.0%
{GUCCI, Vivo} -> {Audi, Starbucks} <=> Confidence: 100.0%
{GUCCI, Vivo} -> {Starbucks, OnePlus} <=> Confidence: 100.0%
{GUCCI, Vivo} -> {Audi, Titan} <=> Confidence: 100.0%
{GUCCI, Vivo} -> {Titan, OnePlus} <=> Confidence: 100.0%
{GUCCI, Vivo} -> {Audi, OnePlus} <=> Confidence: 100.0%
{GUCCI, ROG} -> {Starbucks} <=> Confidence: 100.0%
```

```
{GUCCI, ROG} -> {IHOP} <=> Confidence: 100.0%
{GUCCI, ROG} -> {Fossil} <=> Confidence: 100.0%
{GUCCI, ROG} -> {Hermes} <=> Confidence: 100.0%
{GUCCI, ROG} -> {IHOP, Starbucks} <=> Confidence: 100.0%
{GUCCI, ROG} -> {Fossil, Starbucks} <=> Confidence: 100.0%
{GUCCI, ROG} -> {Starbucks, Hermes} <=> Confidence: 100.0%
{GUCCI, ROG} -> {IHOP, Fossil} <=> Confidence: 100.0%
{GUCCI, ROG} -> {IHOP, Hermes} <=> Confidence: 100.0%
{GUCCI, ROG} -> {Fossil, Hermes} <=> Confidence: 100.0%
{GUCCI, ROG} -> {Starbucks, IHOP, Fossil} <=> Confidence: 100.0%
{GUCCI, ROG} -> {Starbucks, Hermes, IHOP} <=> Confidence: 100.0%
{GUCCI, ROG} -> {Starbucks, Hermes, Fossil} <=> Confidence: 100.0%
{GUCCI, ROG} -> {Hermes, IHOP, Fossil} <=> Confidence: 100.0%
{GUCCI, ROG} -> {Starbucks, Hermes, IHOP, Fossil} <=> Confidence: 100.0%
{Starbucks, ROG} -> {GUCCI} <=> Confidence: 100.0%
{Starbucks, ROG} -> {IHOP} <=> Confidence: 100.0%
{Starbucks, ROG} -> {Fossil} <=> Confidence: 100.0%
{Starbucks, ROG} -> {Hermes} <=> Confidence: 100.0%
{Starbucks, ROG} -> {GUCCI, IHOP} <=> Confidence: 100.0%
{Starbucks, ROG} -> {GUCCI, Fossil} <=> Confidence: 100.0%
{Starbucks, ROG} -> {GUCCI, Hermes} <=> Confidence: 100.0%
{Starbucks, ROG} -> {IHOP, Fossil} <=> Confidence: 100.0%
{Starbucks, ROG} -> {IHOP, Hermes} <=> Confidence: 100.0%
{Starbucks, ROG} -> {Fossil, Hermes} <=> Confidence: 100.0%
{Starbucks, ROG} -> {GUCCI, IHOP, Fossil} <=> Confidence: 100.0%
{Starbucks, ROG} -> {GUCCI, Hermes, IHOP} <=> Confidence: 100.0%
{Starbucks, ROG} -> {GUCCI, Hermes, Fossil} <=> Confidence: 100.0%
{Starbucks, ROG} -> {Hermes, IHOP, Fossil} <=> Confidence: 100.0%
{Starbucks, ROG} -> {GUCCI, Hermes, IHOP, Fossil} <=> Confidence: 100.0%
{GUCCI, Fossil} -> {Starbucks} <=> Confidence: 100.0%
{GUCCI, Fossil} -> {IHOP} <=> Confidence: 100.0%
{GUCCI, Fossil} -> {ROG} <=> Confidence: 100.0%
{GUCCI, Fossil} -> {Hermes} <=> Confidence: 100.0%
{GUCCI, Fossil} -> {IHOP, Starbucks} <=> Confidence: 100.0%
{GUCCI, Fossil} -> {Starbucks, ROG} <=> Confidence: 100.0%
{GUCCI, Fossil} -> {Starbucks, Hermes} <=> Confidence: 100.0%
{GUCCI, Fossil} -> {IHOP, ROG} <=> Confidence: 100.0%
{GUCCI, Fossil} -> {IHOP, Hermes} <=> Confidence: 100.0%
{GUCCI, Fossil} -> {Hermes, ROG} <=> Confidence: 100.0%
{GUCCI, Fossil} -> {Starbucks, IHOP, ROG} <=> Confidence: 100.0%
{GUCCI, Fossil} -> {Starbucks, Hermes, IHOP} <=> Confidence: 100.0%
{GUCCI, Fossil} -> {Starbucks, Hermes, ROG} <=> Confidence: 100.0%
{GUCCI, Fossil} -> {Hermes, IHOP, ROG} <=> Confidence: 100.0%
{GUCCI, Fossil} -> {Starbucks, Hermes, IHOP, ROG} <=> Confidence: 100.0%
{Fossil, Starbucks} -> {GUCCI} <=> Confidence: 100.0%
{Fossil, Starbucks} -> {IHOP} <=> Confidence: 100.0%
```

```
{Fossil, Starbucks} -> {ROG} <=> Confidence: 100.0%
{Fossil, Starbucks} -> {Hermes} <=> Confidence: 100.0%
{Fossil, Starbucks} -> {GUCCI, ROG} <=> Confidence: 100.0%
{Fossil, Starbucks} -> {GUCCI, Hermes} <=> Confidence: 100.0%
{Fossil, Starbucks} -> {IHOP, ROG} <=> Confidence: 100.0%
{Fossil, Starbucks} -> {IHOP, Hermes} <=> Confidence: 100.0%
{Fossil, Starbucks} -> {Hermes, ROG} <=> Confidence: 100.0%
{GUCCI, Hermes} -> {Starbucks} <=> Confidence: 100.0%
{GUCCI, Hermes} -> {IHOP} <=> Confidence: 100.0%
{GUCCI, Hermes} -> {ROG} <=> Confidence: 100.0%
{GUCCI, Hermes} -> {Fossil} <=> Confidence: 100.0%
{GUCCI, Hermes} -> {IHOP, Starbucks} <=> Confidence: 100.0%
{GUCCI, Hermes} -> {Starbucks, ROG} <=> Confidence: 100.0%
{GUCCI, Hermes} -> {Fossil, Starbucks} <=> Confidence: 100.0%
{GUCCI, Hermes} -> {IHOP, ROG} <=> Confidence: 100.0%
{GUCCI, Hermes} -> {IHOP, Fossil} <=> Confidence: 100.0%
{GUCCI, Hermes} -> {Fossil, ROG} <=> Confidence: 100.0%
{GUCCI, Hermes} -> {Starbucks, IHOP, ROG} <=> Confidence: 100.0%
{GUCCI, Hermes} -> {Starbucks, IHOP, Fossil} <=> Confidence: 100.0%
{GUCCI, Hermes} -> {Starbucks, Fossil, ROG} <=> Confidence: 100.0%
{GUCCI, Hermes} -> {IHOP, Fossil, ROG} <=> Confidence: 100.0%
{GUCCI, Hermes} -> {Starbucks, IHOP, Fossil, ROG} <=> Confidence: 100.0%
{Starbucks, Hermes} -> {GUCCI} <=> Confidence: 100.0%
{Starbucks, Hermes} -> {IHOP} <=> Confidence: 100.0%
{Starbucks, Hermes} -> {ROG} <=> Confidence: 100.0%
{Starbucks, Hermes} -> {Fossil} <=> Confidence: 100.0%
{Starbucks, Hermes} -> {GUCCI, IHOP} <=> Confidence: 100.0%
{Starbucks, Hermes} -> {GUCCI, ROG} <=> Confidence: 100.0%
{Starbucks, Hermes} -> {GUCCI, Fossil} <=> Confidence: 100.0%
{Starbucks, Hermes} -> {IHOP, ROG} <=> Confidence: 100.0%
{Starbucks, Hermes} -> {IHOP, Fossil} <=> Confidence: 100.0%
{Starbucks, Hermes} -> {Fossil, ROG} <=> Confidence: 100.0%
{Starbucks, Hermes} -> {GUCCI, IHOP, ROG} <=> Confidence: 100.0%
{Starbucks, Hermes} -> {GUCCI, IHOP, Fossil} <=> Confidence: 100.0%
{Starbucks, Hermes} -> {GUCCI, Fossil, ROG} <=> Confidence: 100.0%
{Starbucks, Hermes} -> {IHOP, Fossil, ROG} <=> Confidence: 100.0%
{Starbucks, Hermes} -> {GUCCI, IHOP, Fossil, ROG} <=> Confidence: 100.0%
{IHOP, ROG} -> {Starbucks} <=> Confidence: 100.0%
{IHOP, ROG} -> {GUCCI} <=> Confidence: 100.0%
\{IHOP, ROG\} \rightarrow \{Fossil\} \iff Confidence: 100.0\%
{IHOP, ROG} -> {Hermes} <=> Confidence: 100.0%
{IHOP, ROG} -> {GUCCI, Starbucks} <=> Confidence: 100.0%
{IHOP, ROG} -> {Fossil, Starbucks} <=> Confidence: 100.0%
{IHOP, ROG} -> {Starbucks, Hermes} <=> Confidence: 100.0%
{IHOP, ROG} -> {GUCCI, Fossil} <=> Confidence: 100.0%
{IHOP, ROG} -> {GUCCI, Hermes} <=> Confidence: 100.0%
```

```
{IHOP, ROG} -> {Fossil, Hermes} <=> Confidence: 100.0%
{IHOP, ROG} -> {GUCCI, Starbucks, Fossil} <=> Confidence: 100.0%
{IHOP, ROG} -> {GUCCI, Starbucks, Hermes} <=> Confidence: 100.0%
{IHOP, ROG} -> {GUCCI, Hermes, Fossil} <=> Confidence: 100.0%
{IHOP, ROG} -> {Starbucks, Hermes, Fossil} <=> Confidence: 100.0%
{IHOP, ROG} -> {GUCCI, Starbucks, Hermes, Fossil} <=> Confidence: 100.0%
{IHOP, Fossil} -> {Starbucks} <=> Confidence: 100.0%
{IHOP, Fossil} -> {GUCCI} <=> Confidence: 100.0%
\{IHOP, Fossil\} \rightarrow \{ROG\} \iff Confidence: 100.0\%
{IHOP, Fossil} -> {Hermes} <=> Confidence: 100.0%
{IHOP, Fossil} -> {GUCCI, Starbucks} <=> Confidence: 100.0%
{IHOP, Fossil} -> {Starbucks, ROG} <=> Confidence: 100.0%
{IHOP, Fossil} -> {Starbucks, Hermes} <=> Confidence: 100.0%
{IHOP, Fossil} -> {GUCCI, ROG} <=> Confidence: 100.0%
{IHOP, Fossil} -> {GUCCI, Hermes} <=> Confidence: 100.0%
{IHOP, Fossil} -> {Hermes, ROG} <=> Confidence: 100.0%
{IHOP, Fossil} -> {GUCCI, Starbucks, ROG} <=> Confidence: 100.0%
{IHOP, Fossil} -> {GUCCI, Starbucks, Hermes} <=> Confidence: 100.0%
{IHOP, Fossil} -> {GUCCI, Hermes, ROG} <=> Confidence: 100.0%
{IHOP, Fossil} -> {Starbucks, Hermes, ROG} <=> Confidence: 100.0%
{IHOP, Fossil} -> {GUCCI, Starbucks, Hermes, ROG} <=> Confidence: 100.0%
{IHOP, Hermes} -> {Starbucks} <=> Confidence: 100.0%
{IHOP, Hermes} -> {GUCCI} <=> Confidence: 100.0%
\{IHOP, Hermes\} \rightarrow \{ROG\} \iff Confidence: 100.0\%
{IHOP, Hermes} -> {Fossil} <=> Confidence: 100.0%
{IHOP, Hermes} -> {GUCCI, Starbucks} <=> Confidence: 100.0%
{IHOP, Hermes} -> {Starbucks, ROG} <=> Confidence: 100.0%
{IHOP, Hermes} -> {Fossil, Starbucks} <=> Confidence: 100.0%
{IHOP, Hermes} -> {GUCCI, ROG} <=> Confidence: 100.0%
{IHOP, Hermes} -> {GUCCI, Fossil} <=> Confidence: 100.0%
{IHOP, Hermes} -> {Fossil, ROG} <=> Confidence: 100.0%
{Audi, OnePlus} -> {Starbucks} <=> Confidence: 100.0%
{Audi, OnePlus} -> {Titan} <=> Confidence: 50.0%
{Audi, OnePlus} -> {GUCCI} <=> Confidence: 50.0%
{Audi, OnePlus} -> {BMW} <=> Confidence: 50.0%
{Audi, OnePlus} -> {Hublot} <=> Confidence: 50.0%
{Audi, OnePlus} -> {Vivo} <=> Confidence: 50.0%
{Audi, OnePlus} -> {Starbucks, Titan} <=> Confidence: 50.0%
{Audi, OnePlus} -> {GUCCI, Starbucks} <=> Confidence: 50.0%
{Audi, OnePlus} -> {Starbucks, Vivo} <=> Confidence: 50.0%
{Audi, OnePlus} -> {Starbucks, BMW} <=> Confidence: 50.0%
{Audi, OnePlus} -> {Hublot, Starbucks} <=> Confidence: 50.0%
{Audi, OnePlus} -> {GUCCI, Titan} <=> Confidence: 50.0%
{Audi, OnePlus} -> {Vivo, Titan} <=> Confidence: 50.0%
{Audi, OnePlus} -> {GUCCI, Vivo} <=> Confidence: 50.0%
{Audi, OnePlus} -> {Hublot, BMW} <=> Confidence: 50.0%
```

```
{Audi, OnePlus} -> {GUCCI, Starbucks, Titan} <=> Confidence: 50.0%
{Audi, OnePlus} -> {Vivo, GUCCI, Starbucks} <=> Confidence: 50.0%
{Audi, OnePlus} -> {Vivo, GUCCI, Titan} <=> Confidence: 50.0%
{Audi, OnePlus} -> {Vivo, Starbucks, Titan} <=> Confidence: 50.0%
{Audi, OnePlus} -> {BMW, Hublot, Starbucks} <=> Confidence: 50.0%
{Audi, OnePlus} -> {Vivo, GUCCI, Starbucks, Titan} <=> Confidence: 50.0%
{Audi, BMW} -> {Starbucks} <=> Confidence: 100.0%
{Audi, BMW} -> {OnePlus} <=> Confidence: 100.0%
{Audi, BMW} -> {Hublot} <=> Confidence: 100.0%
{Audi, BMW} -> {Starbucks, OnePlus} <=> Confidence: 100.0%
{Audi, BMW} -> {Hublot, Starbucks} <=> Confidence: 100.0%
{Audi, BMW} -> {Hublot, OnePlus} <=> Confidence: 100.0%
{Audi, BMW} -> {Hublot, Starbucks, OnePlus} <=> Confidence: 100.0%
{Starbucks, BMW} -> {Audi} <=> Confidence: 100.0%
{Starbucks, BMW} -> {OnePlus} <=> Confidence: 100.0%
{Starbucks, BMW} -> {Hublot} <=> Confidence: 100.0%
{Starbucks, BMW} -> {Audi, OnePlus} <=> Confidence: 100.0%
{Starbucks, BMW} -> {Hublot, Audi} <=> Confidence: 100.0%
{Starbucks, BMW} -> {Hublot, OnePlus} <=> Confidence: 100.0%
{Hublot, Audi} -> {Starbucks} <=> Confidence: 100.0%
{Hublot, Audi} -> {OnePlus} <=> Confidence: 100.0%
{Hublot, Audi} -> {BMW} <=> Confidence: 100.0%
{Hublot, Audi} -> {Starbucks, OnePlus} <=> Confidence: 100.0%
{Hublot, Audi} -> {Starbucks, BMW} <=> Confidence: 100.0%
{Hublot, Audi} -> {BMW, OnePlus} <=> Confidence: 100.0%
{Hublot, Starbucks} -> {Audi} <=> Confidence: 100.0%
{Hublot, Starbucks} -> {OnePlus} <=> Confidence: 100.0%
{Hublot, Starbucks} -> {BMW} <=> Confidence: 100.0%
{Hublot, Starbucks} -> {Audi, OnePlus} <=> Confidence: 100.0%
{Hublot, Starbucks} -> {Audi, BMW} <=> Confidence: 100.0%
{Hublot, Starbucks} -> {BMW, OnePlus} <=> Confidence: 100.0%
{Hublot, Starbucks} -> {Audi, BMW, OnePlus} <=> Confidence: 100.0%
{Audi, Vivo} -> {Starbucks} <=> Confidence: 100.0%
{Audi, Vivo} -> {Titan} <=> Confidence: 100.0%
{Audi, Vivo} -> {GUCCI} <=> Confidence: 100.0%
{Audi, Vivo} -> {OnePlus} <=> Confidence: 100.0%
{Audi, Vivo} -> {Starbucks, Titan} <=> Confidence: 100.0%
{Audi, Vivo} -> {GUCCI, Starbucks} <=> Confidence: 100.0%
{Audi, Vivo} -> {Starbucks, OnePlus} <=> Confidence: 100.0%
{Audi, Vivo} -> {GUCCI, Titan} <=> Confidence: 100.0%
{Audi, Vivo} -> {Titan, OnePlus} <=> Confidence: 100.0%
{Audi, Vivo} -> {GUCCI, OnePlus} <=> Confidence: 100.0%
{Audi, Vivo} -> {GUCCI, Starbucks, Titan} <=> Confidence: 100.0%
{Audi, Vivo} -> {GUCCI, Starbucks, OnePlus} <=> Confidence: 100.0%
{Audi, Vivo} -> {GUCCI, OnePlus, Titan} <=> Confidence: 100.0%
{Audi, Vivo} -> {Starbucks, OnePlus, Titan} <=> Confidence: 100.0%
```

```
{Audi, Vivo} -> {GUCCI, Starbucks, OnePlus, Titan} <=> Confidence: 100.0%
{BMW, OnePlus} -> {Starbucks} <=> Confidence: 100.0%
{BMW, OnePlus} -> {Audi} <=> Confidence: 100.0%
{BMW, OnePlus} -> {Hublot} <=> Confidence: 100.0%
{BMW, OnePlus} -> {Audi, Starbucks} <=> Confidence: 100.0%
{BMW, OnePlus} -> {Hublot, Starbucks} <=> Confidence: 100.0%
{BMW, OnePlus} -> {Hublot, Audi} <=> Confidence: 100.0%
{BMW, OnePlus} -> {Audi, Hublot, Starbucks} <=> Confidence: 100.0%
{Hublot, OnePlus} -> {Starbucks} <=> Confidence: 100.0%
{Hublot, OnePlus} -> {Audi} <=> Confidence: 100.0%
{Hublot, OnePlus} -> {BMW} <=> Confidence: 100.0%
{Hublot, OnePlus} -> {Audi, Starbucks} <=> Confidence: 100.0%
{Hublot, OnePlus} -> {Starbucks, BMW} <=> Confidence: 100.0%
{Hublot, OnePlus} -> {Audi, BMW} <=> Confidence: 100.0%
{Hublot, OnePlus} -> {Audi, BMW, Starbucks} <=> Confidence: 100.0%
{Vivo, OnePlus} -> {Starbucks} <=> Confidence: 100.0%
{Vivo, OnePlus} -> {Titan} <=> Confidence: 100.0%
{Vivo, OnePlus} -> {GUCCI} <=> Confidence: 100.0%
{Vivo, OnePlus} -> {Audi} <=> Confidence: 100.0%
{Vivo, OnePlus} -> {Starbucks, Titan} <=> Confidence: 100.0%
{Vivo, OnePlus} -> {GUCCI, Starbucks} <=> Confidence: 100.0%
{Vivo, OnePlus} -> {Audi, Starbucks} <=> Confidence: 100.0%
{Vivo, OnePlus} -> {GUCCI, Titan} <=> Confidence: 100.0%
{Vivo, OnePlus} -> {Audi, Titan} <=> Confidence: 100.0%
{Vivo, OnePlus} -> {GUCCI, Audi} <=> Confidence: 100.0%
{Vivo, OnePlus} -> {GUCCI, Starbucks, Titan} <=> Confidence: 100.0%
{Vivo, OnePlus} -> {Audi, GUCCI, Starbucks} <=> Confidence: 100.0%
{Vivo, OnePlus} -> {Audi, GUCCI, Titan} <=> Confidence: 100.0%
{Vivo, OnePlus} -> {Audi, Starbucks, Titan} <=> Confidence: 100.0%
{Vivo, OnePlus} -> {Audi, GUCCI, Starbucks, Titan} <=> Confidence: 100.0%
{Hublot, BMW} -> {Starbucks} <=> Confidence: 50.0%
{Hublot, BMW} -> {Poco} <=> Confidence: 50.0%
{Hublot, BMW} -> {Audi} <=> Confidence: 50.0%
{Hublot, BMW} -> {OnePlus} <=> Confidence: 50.0%
{Hublot, BMW} -> {Adidas} <=> Confidence: 50.0%
{Hublot, BMW} -> {KFC} <=> Confidence: 50.0%
{Hublot, BMW} -> {Audi, Starbucks} <=> Confidence: 50.0%
{Hublot, BMW} -> {Starbucks, OnePlus} <=> Confidence: 50.0%
{Hublot, BMW} -> {Poco, Adidas} <=> Confidence: 50.0%
{Hublot, BMW} -> {KFC, Poco} <=> Confidence: 50.0%
{Hublot, BMW} -> {Audi, OnePlus} <=> Confidence: 50.0%
{Hublot, BMW} -> {KFC, Adidas} <=> Confidence: 50.0%
{Fossil, ROG} -> {Starbucks} <=> Confidence: 100.0%
{Fossil, ROG} -> {GUCCI} <=> Confidence: 100.0%
{Fossil, ROG} -> {IHOP} <=> Confidence: 100.0%
{Fossil, ROG} -> {Hermes} <=> Confidence: 100.0%
```

```
{Fossil, ROG} -> {GUCCI, Starbucks} <=> Confidence: 100.0%
{Fossil, ROG} -> {IHOP, Starbucks} <=> Confidence: 100.0%
{Fossil, ROG} -> {Starbucks, Hermes} <=> Confidence: 100.0%
{Fossil, ROG} -> {GUCCI, IHOP} <=> Confidence: 100.0%
{Fossil, ROG} -> {GUCCI, Hermes} <=> Confidence: 100.0%
{Fossil, ROG} -> {IHOP, Hermes} <=> Confidence: 100.0%
{Fossil, ROG} -> {GUCCI, Starbucks, IHOP} <=> Confidence: 100.0%
{Fossil, ROG} -> {GUCCI, Starbucks, Hermes} <=> Confidence: 100.0%
{Fossil, ROG} -> {GUCCI, Hermes, IHOP} <=> Confidence: 100.0%
{Fossil, ROG} -> {Starbucks, Hermes, IHOP} <=> Confidence: 100.0%
{Fossil, ROG} -> {GUCCI, Starbucks, Hermes, IHOP} <=> Confidence: 100.0%
{Hermes, ROG} -> {Starbucks} <=> Confidence: 100.0%
{Hermes, ROG} -> {GUCCI} <=> Confidence: 100.0%
\{Hermes, ROG\} \rightarrow \{IHOP\} \iff Confidence: 100.0\%
{Hermes, ROG} -> {Fossil} <=> Confidence: 100.0%
{Hermes, ROG} -> {GUCCI, Starbucks} <=> Confidence: 100.0%
{Hermes, ROG} -> {IHOP, Starbucks} <=> Confidence: 100.0%
{Hermes, ROG} -> {Fossil, Starbucks} <=> Confidence: 100.0%
{Hermes, ROG} -> {GUCCI, IHOP} <=> Confidence: 100.0%
{Hermes, ROG} -> {GUCCI, Fossil} <=> Confidence: 100.0%
{Hermes, ROG} -> {IHOP, Fossil} <=> Confidence: 100.0%
{Hermes, ROG} -> {GUCCI, Starbucks, IHOP} <=> Confidence: 100.0%
{Hermes, ROG} -> {GUCCI, Starbucks, Fossil} <=> Confidence: 100.0%
{Hermes, ROG} -> {GUCCI, IHOP, Fossil} <=> Confidence: 100.0%
{Hermes, ROG} -> {Starbucks, IHOP, Fossil} <=> Confidence: 100.0%
{Hermes, ROG} -> {GUCCI, Starbucks, IHOP, Fossil} <=> Confidence: 100.0%
{Fossil, Hermes} -> {Starbucks} <=> Confidence: 50.0%
{Fossil, Hermes} -> {GUCCI} <=> Confidence: 50.0%
{Fossil, Hermes} -> {IHOP} <=> Confidence: 50.0%
{Fossil, Hermes} -> {ROG} <=> Confidence: 50.0%
{Fossil, Hermes} -> {Swiss} <=> Confidence: 50.0%
{Fossil, Hermes} -> {Tata} <=> Confidence: 50.0%
{Fossil, Hermes} -> {Pagani} <=> Confidence: 50.0%
{Fossil, Hermes} -> {GUCCI, Starbucks} <=> Confidence: 50.0%
{Fossil, Hermes} -> {IHOP, Starbucks} <=> Confidence: 50.0%
{Fossil, Hermes} -> {Starbucks, ROG} <=> Confidence: 50.0%
{Fossil, Hermes} -> {GUCCI, ROG} <=> Confidence: 50.0%
{Fossil, Hermes} -> {IHOP, ROG} <=> Confidence: 50.0%
{Fossil, Hermes} -> {Tata, Swiss} <=> Confidence: 50.0%
{Fossil, Hermes} -> {Swiss, Pagani} <=> Confidence: 50.0%
{Fossil, Hermes} -> {Tata, Pagani} <=> Confidence: 50.0%
{Vivo, Titan} -> {GUCCI} <=> Confidence: 100.0%
{Vivo, Titan} -> {Audi} <=> Confidence: 100.0%
{Vivo, Titan} -> {OnePlus} <=> Confidence: 100.0%
{Vivo, Titan} -> {GUCCI, Audi} <=> Confidence: 100.0%
{Vivo, Titan} -> {GUCCI, OnePlus} <=> Confidence: 100.0%
```

```
{Vivo, Titan} -> {Audi, OnePlus} <=> Confidence: 100.0%
{Vivo, Titan} -> {Audi, GUCCI, Starbucks} <=> Confidence: 100.0%
{Vivo, Titan} -> {GUCCI, Starbucks, OnePlus} <=> Confidence: 100.0%
{Vivo, Titan} -> {Audi, GUCCI, OnePlus} <=> Confidence: 100.0%
{Vivo, Titan} -> {Audi, Starbucks, OnePlus} <=> Confidence: 100.0%
{Vivo, Titan} -> {Audi, GUCCI, Starbucks, OnePlus} <=> Confidence: 100.0%
{Omega, Titan} -> {Dunkin} <=> Confidence: 100.0%
{Omega, Titan} -> {Dunkin, Puma, Chipotle} <=> Confidence: 100.0%
{Omega, Dunkin} -> {Titan} <=> Confidence: 100.0%
{Omega, Dunkin} -> {Puma} <=> Confidence: 100.0%
{Omega, Dunkin} -> {Chipotle} <=> Confidence: 100.0%
{Omega, Dunkin} -> {Puma, Titan, Chipotle} <=> Confidence: 100.0%
{Titan, Dunkin} -> {Omega} <=> Confidence: 100.0%
{Titan, Dunkin} -> {Puma} <=> Confidence: 100.0%
{Titan, Dunkin} -> {Chipotle} <=> Confidence: 100.0%
{Titan, Dunkin} -> {Chipotle, Puma} <=> Confidence: 100.0%
{Puma, Titan} -> {Dunkin} <=> Confidence: 100.0%
{Puma, Titan} -> {Omega} <=> Confidence: 100.0%
{Puma, Titan} -> {Chipotle} <=> Confidence: 100.0%
{Puma, Titan} -> {Dunkin, Omega} <=> Confidence: 100.0%
{Puma, Titan} -> {Chipotle, Omega} <=> Confidence: 100.0%
{Puma, Titan} -> {Chipotle, Dunkin} <=> Confidence: 100.0%
{Puma, Titan} -> {Omega, Dunkin, Chipotle} <=> Confidence: 100.0%
{Puma, Dunkin} -> {Titan} <=> Confidence: 100.0%
{Puma, Dunkin} -> {Omega} <=> Confidence: 100.0%
{Puma, Dunkin} -> {Chipotle} <=> Confidence: 100.0%
{Puma, Dunkin} -> {Chipotle, Titan} <=> Confidence: 100.0%
{Chipotle, Titan} -> {Dunkin} <=> Confidence: 100.0%
{Chipotle, Titan} -> {Omega} <=> Confidence: 100.0%
{Chipotle, Titan} -> {Dunkin, Omega} <=> Confidence: 100.0%
{Chipotle, Titan} -> {Puma, Omega} <=> Confidence: 100.0%
{Chipotle, Titan} -> {Puma, Dunkin} <=> Confidence: 100.0%
{Chipotle, Dunkin} -> {Titan} <=> Confidence: 100.0%
{Chipotle, Dunkin} -> {Omega} <=> Confidence: 100.0%
{Chipotle, Dunkin} -> {Puma} <=> Confidence: 100.0%
{Chipotle, Dunkin} -> {Puma, Titan} <=> Confidence: 100.0%
{Puma, Omega} -> {Titan} <=> Confidence: 50.0%
{Puma, Omega} -> {Fossil} <=> Confidence: 50.0%
{Puma, Omega} -> {Chipotle} <=> Confidence: 50.0%
\{Puma, Omega\} \rightarrow \{Kia\} \iff Confidence: 50.0\%
{Puma, Omega} -> {Dunkin, Titan} <=> Confidence: 50.0%
{Puma, Omega} -> {Chipotle, Titan} <=> Confidence: 50.0%
{Puma, Omega} -> {Kia, Fossil} <=> Confidence: 50.0%
{Puma, Omega} -> {Dunkin, Chipotle} <=> Confidence: 50.0%
{Titan, Omega} -> {Puma} <=> Confidence: 100.0%
{Titan, Omega} -> {Chipotle} <=> Confidence: 100.0%
```

```
{Titan, Omega} -> {Dunkin, Puma} <=> Confidence: 100.0%
{Titan, Omega} -> {Dunkin, Chipotle} <=> Confidence: 100.0%
{Titan, Omega} -> {Chipotle, Puma} <=> Confidence: 100.0%
{Chipotle, Omega} -> {Titan} <=> Confidence: 100.0%
{Chipotle, Omega} -> {Dunkin} <=> Confidence: 100.0%
{Chipotle, Omega} -> {Puma} <=> Confidence: 100.0%
{Chipotle, Omega} -> {Dunkin, Titan} <=> Confidence: 100.0%
{Chipotle, Omega} -> {Puma, Titan} <=> Confidence: 100.0%
{Chipotle, Omega} -> {Dunkin, Puma} <=> Confidence: 100.0%
{Puma, Chipotle} -> {Titan} <=> Confidence: 100.0%
{Puma, Chipotle} -> {Omega, Dunkin, Titan} <=> Confidence: 100.0%
{Titan, Chipotle} -> {Puma} <=> Confidence: 100.0%
{Titan, Chipotle} -> {Omega, Dunkin, Puma} <=> Confidence: 100.0%
{Subway, Dunkin} -> {Chanel} <=> Confidence: 100.0%
{Subway, Dunkin} -> {Microsoft} <=> Confidence: 100.0%
{Subway, Dunkin} -> {Swiss} <=> Confidence: 100.0%
{Subway, Dunkin} -> {ZARA} <=> Confidence: 100.0%
{Subway, Dunkin} -> {Microsoft, Chanel} <=> Confidence: 100.0%
{Subway, Dunkin} -> {Chanel, Swiss} <=> Confidence: 100.0%
{Subway, Dunkin} -> {Chanel, ZARA} <=> Confidence: 100.0%
{Subway, Dunkin} -> {Microsoft, Swiss} <=> Confidence: 100.0%
{Subway, Dunkin} -> {Microsoft, ZARA} <=> Confidence: 100.0%
{Subway, Dunkin} -> {ZARA, Swiss} <=> Confidence: 100.0%
{Chanel, Dunkin} -> {Subway} <=> Confidence: 100.0%
{Chanel, Dunkin} -> {Microsoft} <=> Confidence: 100.0%
{Chanel, Dunkin} -> {Swiss} <=> Confidence: 100.0%
{Chanel, Dunkin} -> {ZARA} <=> Confidence: 100.0%
{Chanel, Dunkin} -> {Microsoft, Subway} <=> Confidence: 100.0%
{Chanel, Dunkin} -> {Subway, Swiss} <=> Confidence: 100.0%
{Chanel, Dunkin} -> {Subway, ZARA} <=> Confidence: 100.0%
{Chanel, Dunkin} -> {Microsoft, Swiss} <=> Confidence: 100.0%
{Chanel, Dunkin} -> {Microsoft, ZARA} <=> Confidence: 100.0%
{Chanel, Dunkin} -> {ZARA, Swiss} <=> Confidence: 100.0%
{Chanel, Dunkin} -> {Swiss, Microsoft, Subway} <=> Confidence: 100.0%
{Chanel, Dunkin} -> {Microsoft, Subway, ZARA} <=> Confidence: 100.0%
{Chanel, Dunkin} -> {Swiss, Subway, ZARA} <=> Confidence: 100.0%
{Chanel, Dunkin} -> {Swiss, Microsoft, ZARA} <=> Confidence: 100.0%
{Chanel, Dunkin} -> {Swiss, Microsoft, Subway, ZARA} <=> Confidence: 100.0%
{Microsoft, Subway} -> {Chanel} <=> Confidence: 100.0%
{Microsoft, Subway} -> {Dunkin} <=> Confidence: 100.0%
{Microsoft, Subway} -> {Swiss} <=> Confidence: 100.0%
{Microsoft, Subway} -> {ZARA} <=> Confidence: 100.0%
{Microsoft, Subway} -> {Chanel, Dunkin} <=> Confidence: 100.0%
{Microsoft, Subway} -> {Chanel, Swiss} <=> Confidence: 100.0%
{Microsoft, Subway} -> {Chanel, ZARA} <=> Confidence: 100.0%
{Microsoft, Subway} -> {Swiss, Dunkin} <=> Confidence: 100.0%
```

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{Microsoft, Subway} -> {ZARA, Dunkin} <=> Confidence: 100.0%
{Microsoft, Subway} -> {Swiss, ZARA} <=> Confidence: 100.0%
{Microsoft, Subway} -> {Chanel, Swiss, Dunkin} <=> Confidence: 100.0%
{Microsoft, Subway} -> {Chanel, Dunkin, ZARA} <=> Confidence: 100.0%
{Microsoft, Subway} -> {Chanel, Swiss, ZARA} <=> Confidence: 100.0%
{Microsoft, Subway} -> {Swiss, Dunkin, ZARA} <=> Confidence: 100.0%
{Microsoft, Subway} -> {Chanel, Swiss, Dunkin, ZARA} <=> Confidence: 100.0%
{Microsoft, Chanel} -> {Subway} <=> Confidence: 100.0%
{Microsoft, Chanel} -> {Dunkin} <=> Confidence: 100.0%
{Microsoft, Chanel} -> {Swiss} <=> Confidence: 100.0%
{Microsoft, Chanel} -> {ZARA} <=> Confidence: 100.0%
{Microsoft, Chanel} -> {Subway, Dunkin} <=> Confidence: 100.0%
{Microsoft, Chanel} -> {Subway, Swiss} <=> Confidence: 100.0%
{Microsoft, Chanel} -> {Subway, ZARA} <=> Confidence: 100.0%
{Microsoft, Chanel} -> {Swiss, Dunkin} <=> Confidence: 100.0%
{Microsoft, Chanel} -> {ZARA, Dunkin} <=> Confidence: 100.0%
{Microsoft, Chanel} -> {Swiss, ZARA} <=> Confidence: 100.0%
{Subway, Swiss} -> {Chanel} <=> Confidence: 100.0%
{Subway, Swiss} -> {Dunkin} <=> Confidence: 100.0%
{Subway, Swiss} -> {Microsoft} <=> Confidence: 100.0%
{Subway, Swiss} -> {ZARA} <=> Confidence: 100.0%
{Subway, Swiss} -> {Chanel, Dunkin} <=> Confidence: 100.0%
{Subway, Swiss} -> {Microsoft, Chanel} <=> Confidence: 100.0%
{Subway, Swiss} -> {Chanel, ZARA} <=> Confidence: 100.0%
{Subway, Swiss} -> {Microsoft, Dunkin} <=> Confidence: 100.0%
{Subway, Swiss} -> {ZARA, Dunkin} <=> Confidence: 100.0%
{Subway, Swiss} -> {Microsoft, ZARA} <=> Confidence: 100.0%
{Chanel, Swiss} -> {Subway} <=> Confidence: 100.0%
{Chanel, Swiss} -> {Dunkin} <=> Confidence: 100.0%
{Chanel, Swiss} -> {Microsoft} <=> Confidence: 100.0%
{Chanel, Swiss} -> {ZARA} <=> Confidence: 100.0%
{Chanel, Swiss} -> {Subway, Dunkin} <=> Confidence: 100.0%
{Chanel, Swiss} -> {Microsoft, Subway} <=> Confidence: 100.0%
{Chanel, Swiss} -> {Subway, ZARA} <=> Confidence: 100.0%
{Chanel, Swiss} -> {Microsoft, Dunkin} <=> Confidence: 100.0%
{Chanel, Swiss} -> {ZARA, Dunkin} <=> Confidence: 100.0%
{Chanel, Swiss} -> {Microsoft, ZARA} <=> Confidence: 100.0%
{Chanel, Swiss} -> {Dunkin, Microsoft, Subway} <=> Confidence: 100.0%
{Chanel, Swiss} -> {Microsoft, Subway, ZARA} <=> Confidence: 100.0%
{Chanel, Swiss} -> {Dunkin, Subway, ZARA} <=> Confidence: 100.0%
{Chanel, Swiss} -> {Dunkin, Microsoft, ZARA} <=> Confidence: 100.0%
{Chanel, Swiss} -> {Dunkin, Microsoft, Subway, ZARA} <=> Confidence: 100.0%
{Subway, ZARA} -> {Chanel} <=> Confidence: 100.0%
{Subway, ZARA} -> {Dunkin} <=> Confidence: 100.0%
{Subway, ZARA} -> {Microsoft} <=> Confidence: 100.0%
{Subway, ZARA} -> {Swiss} <=> Confidence: 100.0%
```

```
{Subway, ZARA} -> {Chanel, Dunkin} <=> Confidence: 100.0%
{Subway, ZARA} -> {Microsoft, Chanel} <=> Confidence: 100.0%
{Subway, ZARA} -> {Chanel, Swiss} <=> Confidence: 100.0%
{Subway, ZARA} -> {Microsoft, Dunkin} <=> Confidence: 100.0%
{Subway, ZARA} -> {Microsoft, Swiss} <=> Confidence: 100.0%
{Subway, ZARA} -> {Chanel, Dunkin, Microsoft} <=> Confidence: 100.0%
{Subway, ZARA} -> {Chanel, Swiss, Microsoft} <=> Confidence: 100.0%
{Subway, ZARA} -> {Chanel, Swiss, Dunkin} <=> Confidence: 100.0%
{Subway, ZARA} -> {Swiss, Dunkin, Microsoft} <=> Confidence: 100.0%
{Subway, ZARA} -> {Chanel, Swiss, Dunkin, Microsoft} <=> Confidence: 100.0%
{Chanel, ZARA} -> {Subway} <=> Confidence: 100.0%
{Chanel, ZARA} -> {Dunkin} <=> Confidence: 100.0%
{Chanel, ZARA} -> {Microsoft} <=> Confidence: 100.0%
{Chanel, ZARA} -> {Swiss} <=> Confidence: 100.0%
{Chanel, ZARA} -> {Subway, Dunkin} <=> Confidence: 100.0%
{Chanel, ZARA} -> {Microsoft, Subway} <=> Confidence: 100.0%
{Chanel, ZARA} -> {Subway, Swiss} <=> Confidence: 100.0%
{Chanel, ZARA} -> {Microsoft, Dunkin} <=> Confidence: 100.0%
{Chanel, ZARA} -> {Microsoft, Swiss} <=> Confidence: 100.0%
{Chanel, ZARA} -> {Dunkin, Microsoft, Subway} <=> Confidence: 100.0%
{Chanel, ZARA} -> {Swiss, Microsoft, Subway} <=> Confidence: 100.0%
{Chanel, ZARA} -> {Swiss, Dunkin, Subway} <=> Confidence: 100.0%
{Chanel, ZARA} -> {Swiss, Dunkin, Microsoft} <=> Confidence: 100.0%
{Chanel, ZARA} -> {Swiss, Dunkin, Microsoft, Subway} <=> Confidence: 100.0%
{Microsoft, Dunkin} -> {Chanel} <=> Confidence: 100.0%
{Microsoft, Dunkin} -> {Subway} <=> Confidence: 100.0%
{Microsoft, Dunkin} -> {Swiss} <=> Confidence: 100.0%
{Microsoft, Dunkin} -> {ZARA} <=> Confidence: 100.0%
{Microsoft, Dunkin} -> {Subway, Chanel} <=> Confidence: 100.0%
{Microsoft, Dunkin} -> {Chanel, Swiss} <=> Confidence: 100.0%
{Microsoft, Dunkin} -> {Chanel, ZARA} <=> Confidence: 100.0%
{Microsoft, Dunkin} -> {Subway, Swiss} <=> Confidence: 100.0%
{Microsoft, Dunkin} -> {Subway, ZARA} <=> Confidence: 100.0%
{Microsoft, Dunkin} -> {Swiss, ZARA} <=> Confidence: 100.0%
{Swiss, Dunkin} -> {Chanel} <=> Confidence: 50.0%
{Swiss, Dunkin} -> {Subway} <=> Confidence: 50.0%
{Swiss, Dunkin} -> {Adidas} <=> Confidence: 50.0%
{Swiss, Dunkin} -> {Samsung} <=> Confidence: 50.0%
{Swiss, Dunkin} -> {Microsoft} <=> Confidence: 50.0%
{Swiss, Dunkin} -> {ZARA} <=> Confidence: 100.0%
{Swiss, Dunkin} -> {Subway, Chanel} <=> Confidence: 50.0%
{Swiss, Dunkin} -> {Microsoft, Chanel} <=> Confidence: 50.0%
{Swiss, Dunkin} -> {ZARA, Chanel} <=> Confidence: 50.0%
{Swiss, Dunkin} -> {Microsoft, Subway} <=> Confidence: 50.0%
{Swiss, Dunkin} -> {ZARA, Subway} <=> Confidence: 50.0%
{Swiss, Dunkin} -> {Microsoft, ZARA} <=> Confidence: 50.0%
```

```
{Swiss, Dunkin} -> {ZARA, Adidas} <=> Confidence: 50.0%
{Swiss, Dunkin} -> {ZARA, Samsung} <=> Confidence: 50.0%
{Swiss, Dunkin} -> {Adidas, Samsung} <=> Confidence: 50.0%
{Swiss, Dunkin} -> {Chanel, Microsoft, Subway} <=> Confidence: 50.0%
{Swiss, Dunkin} -> {Chanel, Subway, ZARA} <=> Confidence: 50.0%
{Swiss, Dunkin} -> {Chanel, Microsoft, ZARA} <=> Confidence: 50.0%
{Swiss, Dunkin} -> {Microsoft, Subway, ZARA} <=> Confidence: 50.0%
{Swiss, Dunkin} -> {Adidas, Samsung, ZARA} <=> Confidence: 50.0%
{Swiss, Dunkin} -> {Chanel, Microsoft, Subway, ZARA} <=> Confidence: 50.0%
{ZARA, Dunkin} -> {Chanel} <=> Confidence: 50.0%
{ZARA, Dunkin} -> {Subway} <=> Confidence: 50.0%
{ZARA, Dunkin} -> {Adidas} <=> Confidence: 50.0%
{ZARA, Dunkin} -> {Samsung} <=> Confidence: 50.0%
{ZARA, Dunkin} -> {Microsoft} <=> Confidence: 50.0%
{ZARA, Dunkin} -> {Swiss} <=> Confidence: 100.0%
{ZARA, Dunkin} -> {Subway, Chanel} <=> Confidence: 50.0%
{ZARA, Dunkin} -> {Microsoft, Chanel} <=> Confidence: 50.0%
{ZARA, Dunkin} -> {Chanel, Swiss} <=> Confidence: 50.0%
{ZARA, Dunkin} -> {Microsoft, Subway} <=> Confidence: 50.0%
{ZARA, Dunkin} -> {Subway, Swiss} <=> Confidence: 50.0%
{ZARA, Dunkin} -> {Adidas, Swiss} <=> Confidence: 50.0%
{ZARA, Dunkin} -> {Samsung, Swiss} <=> Confidence: 50.0%
{ZARA, Dunkin} -> {Adidas, Samsung} <=> Confidence: 50.0%
{Microsoft, Swiss} -> {Chanel} <=> Confidence: 100.0%
{Microsoft, Swiss} -> {Subway} <=> Confidence: 100.0%
{Microsoft, Swiss} -> {Dunkin} <=> Confidence: 100.0%
{Microsoft, Swiss} -> {ZARA} <=> Confidence: 100.0%
{Microsoft, Swiss} -> {Subway, Chanel} <=> Confidence: 100.0%
{Microsoft, Swiss} -> {Chanel, Dunkin} <=> Confidence: 100.0%
{Microsoft, Swiss} -> {Chanel, ZARA} <=> Confidence: 100.0%
{Microsoft, Swiss} -> {Subway, Dunkin} <=> Confidence: 100.0%
{Microsoft, Swiss} -> {Subway, ZARA} <=> Confidence: 100.0%
{Microsoft, Swiss} -> {Dunkin, ZARA} <=> Confidence: 100.0%
{Microsoft, ZARA} -> {Chanel} <=> Confidence: 100.0%
{Microsoft, ZARA} -> {Subway} <=> Confidence: 100.0%
{Microsoft, ZARA} -> {Dunkin} <=> Confidence: 100.0%
{Microsoft, ZARA} -> {Swiss} <=> Confidence: 100.0%
{Microsoft, ZARA} -> {Subway, Chanel} <=> Confidence: 100.0%
{Microsoft, ZARA} -> {Chanel, Dunkin} <=> Confidence: 100.0%
{Microsoft, ZARA} -> {Chanel, Swiss} <=> Confidence: 100.0%
{Microsoft, ZARA} -> {Subway, Dunkin} <=> Confidence: 100.0%
{Microsoft, ZARA} -> {Subway, Swiss} <=> Confidence: 100.0%
{Microsoft, ZARA} -> {Swiss, Dunkin} <=> Confidence: 100.0%
{Microsoft, ZARA} -> {Chanel, Dunkin, Subway} <=> Confidence: 100.0%
{Microsoft, ZARA} -> {Chanel, Swiss, Subway} <=> Confidence: 100.0%
{Microsoft, ZARA} -> {Chanel, Swiss, Dunkin} <=> Confidence: 100.0%
```

```
{Microsoft, ZARA} -> {Swiss, Dunkin, Subway} <=> Confidence: 100.0%
{Microsoft, ZARA} -> {Chanel, Swiss, Dunkin, Subway} <=> Confidence: 100.0%
{Swiss, ZARA} -> {Chanel} <=> Confidence: 50.0%
{Swiss, ZARA} -> {Subway} <=> Confidence: 50.0%
{Swiss, ZARA} -> {Adidas} <=> Confidence: 50.0%
{Swiss, ZARA} -> {Samsung} <=> Confidence: 50.0%
{Swiss, ZARA} -> {Microsoft} <=> Confidence: 50.0%
{Swiss, ZARA} -> {Subway, Chanel} <=> Confidence: 50.0%
{Swiss, ZARA} -> {Microsoft, Chanel} <=> Confidence: 50.0%
{Swiss, ZARA} -> {Microsoft, Subway} <=> Confidence: 50.0%
{Swiss, ZARA} -> {Microsoft, Dunkin} <=> Confidence: 50.0%
{Swiss, ZARA} -> {Adidas, Samsung} <=> Confidence: 50.0%
{Swiss, ZARA} -> {Chanel, Microsoft, Subway} <=> Confidence: 50.0%
{Swiss, ZARA} -> {Chanel, Dunkin, Subway} <=> Confidence: 50.0%
{Swiss, ZARA} -> {Chanel, Dunkin, Microsoft} <=> Confidence: 50.0%
{Swiss, ZARA} -> {Dunkin, Microsoft, Subway} <=> Confidence: 50.0%
{Swiss, ZARA} -> {Dunkin, Adidas, Samsung} <=> Confidence: 50.0%
{Swiss, ZARA} -> {Chanel, Dunkin, Microsoft, Subway} <=> Confidence: 50.0%
\{IHOP, Casio\} \rightarrow \{Rolex\} \iff Confidence: 100.0\%
{IHOP, Casio} -> {Dior} <=> Confidence: 100.0%
{IHOP, Casio} -> {Dominos} <=> Confidence: 100.0%
{IHOP, Casio} -> {Rolex, Dior} <=> Confidence: 100.0%
{IHOP, Casio} -> {Rolex, Dominos} <=> Confidence: 100.0%
{IHOP, Casio} -> {Dominos, Dior} <=> Confidence: 100.0%
{IHOP, Rolex} -> {Casio} <=> Confidence: 100.0%
{IHOP, Rolex} -> {Dior} <=> Confidence: 100.0%
{IHOP, Rolex} -> {Dominos} <=> Confidence: 100.0%
{IHOP, Rolex} -> {Casio, Dior} <=> Confidence: 100.0%
{IHOP, Rolex} -> {Casio, Dominos} <=> Confidence: 100.0%
{IHOP, Rolex} -> {Dominos, Dior} <=> Confidence: 100.0%
{Casio, Rolex} -> {IHOP} <=> Confidence: 100.0%
{Casio, Rolex} -> {Dior} <=> Confidence: 100.0%
{Casio, Rolex} -> {Dominos} <=> Confidence: 100.0%
{Casio, Rolex} -> {IHOP, Dior} <=> Confidence: 100.0%
{Casio, Rolex} -> {IHOP, Dominos} <=> Confidence: 100.0%
{Casio, Rolex} -> {Dominos, Dior} <=> Confidence: 100.0%
{Casio, Rolex} -> {Dominos, IHOP, Dior} <=> Confidence: 100.0%
{IHOP, Dior} -> {Rolex} <=> Confidence: 100.0%
{IHOP, Dior} -> {Casio} <=> Confidence: 100.0%
{IHOP, Dior} -> {Dominos} <=> Confidence: 100.0%
{IHOP, Dior} -> {Casio, Rolex} <=> Confidence: 100.0%
{IHOP, Dior} -> {Rolex, Dominos} <=> Confidence: 100.0%
{IHOP, Dior} -> {Casio, Dominos} <=> Confidence: 100.0%
{IHOP, Dior} -> {Casio, Rolex, Dominos} <=> Confidence: 100.0%
{Rolex, Dior} -> {IHOP} <=> Confidence: 100.0%
{Rolex, Dior} -> {Casio} <=> Confidence: 100.0%
```

```
{Rolex, Dior} -> {Dominos} <=> Confidence: 100.0%
{Rolex, Dior} -> {IHOP, Casio} <=> Confidence: 100.0%
{Rolex, Dior} -> {IHOP, Dominos} <=> Confidence: 100.0%
{Rolex, Dior} -> {Casio, Dominos} <=> Confidence: 100.0%
{Rolex, Dior} -> {Casio, Dominos, IHOP} <=> Confidence: 100.0%
{IHOP, Dominos} -> {Rolex} <=> Confidence: 100.0%
{IHOP, Dominos} -> {Casio} <=> Confidence: 100.0%
{IHOP, Dominos} -> {Dior} <=> Confidence: 100.0%
{IHOP, Dominos} -> {Casio, Rolex} <=> Confidence: 100.0%
{IHOP, Dominos} -> {Rolex, Dior} <=> Confidence: 100.0%
{IHOP, Dominos} -> {Casio, Dior} <=> Confidence: 100.0%
{Rolex, Dominos} -> {IHOP} <=> Confidence: 100.0%
{Rolex, Dominos} -> {Casio} <=> Confidence: 100.0%
{Rolex, Dominos} -> {Dior} <=> Confidence: 100.0%
{Rolex, Dominos} -> {IHOP, Casio} <=> Confidence: 100.0%
{Rolex, Dominos} -> {IHOP, Dior} <=> Confidence: 100.0%
{Rolex, Dominos} -> {Casio, Dior} <=> Confidence: 100.0%
{Rolex, Dominos} -> {Casio, IHOP, Dior} <=> Confidence: 100.0%
{Casio, Dior} -> {Rolex} <=> Confidence: 100.0%
{Casio, Dior} -> {IHOP} <=> Confidence: 100.0%
{Casio, Dior} -> {Dominos} <=> Confidence: 100.0%
{Casio, Dior} -> {IHOP, Rolex} <=> Confidence: 100.0%
{Casio, Dior} -> {Rolex, Dominos} <=> Confidence: 100.0%
{Casio, Dior} -> {IHOP, Dominos} <=> Confidence: 100.0%
{Casio, Dior} -> {Rolex, Dominos, IHOP} <=> Confidence: 100.0%
{Casio, Dominos} -> {Rolex} <=> Confidence: 100.0%
{Casio, Dominos} -> {IHOP} <=> Confidence: 100.0%
{Casio, Dominos} -> {Dior} <=> Confidence: 100.0%
{Casio, Dominos} -> {IHOP, Rolex} <=> Confidence: 100.0%
{Casio, Dominos} -> {Rolex, Dior} <=> Confidence: 100.0%
{Casio, Dominos} -> {IHOP, Dior} <=> Confidence: 100.0%
{Casio, Dominos} -> {Rolex, IHOP, Dior} <=> Confidence: 100.0%
{Dominos, Dior} -> {Rolex} <=> Confidence: 100.0%
{Dominos, Dior} -> {IHOP} <=> Confidence: 100.0%
{Dominos, Dior} -> {Casio} <=> Confidence: 100.0%
{Dominos, Dior} -> {IHOP, Rolex} <=> Confidence: 100.0%
{Dominos, Dior} -> {Casio, Rolex} <=> Confidence: 100.0%
{Dominos, Dior} -> {IHOP, Casio} <=> Confidence: 100.0%
{Dominos, Dior} -> {Casio, Rolex, IHOP} <=> Confidence: 100.0%
{Hublot, Poco} -> {BMW} <=> Confidence: 100.0%
{Hublot, Poco} -> {Adidas} <=> Confidence: 100.0%
{Hublot, Poco} -> {KFC} <=> Confidence: 100.0%
{Hublot, Poco} -> {Adidas, BMW} <=> Confidence: 100.0%
{Hublot, Poco} -> {KFC, BMW} <=> Confidence: 100.0%
{Hublot, Poco} -> {KFC, Adidas} <=> Confidence: 100.0%
{Hublot, Poco} -> {KFC, BMW, Adidas} <=> Confidence: 100.0%
```

```
{Poco, BMW} -> {Hublot} <=> Confidence: 100.0%
{Poco, BMW} -> {Adidas} <=> Confidence: 100.0%
{Poco, BMW} -> {KFC} <=> Confidence: 100.0%
{Poco, BMW} -> {Hublot, Adidas} <=> Confidence: 100.0%
{Poco, BMW} -> {Hublot, KFC} <=> Confidence: 100.0%
{Poco, BMW} -> {KFC, Adidas} <=> Confidence: 100.0%
{Poco, Adidas} -> {BMW} <=> Confidence: 100.0%
{Poco, Adidas} -> {Hublot} <=> Confidence: 100.0%
{Poco, Adidas} -> {KFC} <=> Confidence: 100.0%
{Poco, Adidas} -> {Hublot, BMW} <=> Confidence: 100.0%
{Poco, Adidas} -> {KFC, BMW} <=> Confidence: 100.0%
{Poco, Adidas} -> {Hublot, KFC} <=> Confidence: 100.0%
{Adidas, BMW} -> {Poco} <=> Confidence: 100.0%
{Adidas, BMW} -> {Hublot} <=> Confidence: 100.0%
{Adidas, BMW} -> {KFC} <=> Confidence: 100.0%
{Adidas, BMW} -> {Hublot, Poco} <=> Confidence: 100.0%
{Adidas, BMW} -> {KFC, Poco} <=> Confidence: 100.0%
{Adidas, BMW} -> {Hublot, KFC} <=> Confidence: 100.0%
{KFC, Poco} -> {BMW} <=> Confidence: 100.0%
{KFC, Poco} -> {Hublot} <=> Confidence: 100.0%
{KFC, Poco} -> {Adidas} <=> Confidence: 100.0%
{KFC, Poco} -> {Hublot, BMW} <=> Confidence: 100.0%
{KFC, Poco} -> {Adidas, BMW} <=> Confidence: 100.0%
{KFC, Poco} -> {Hublot, Adidas} <=> Confidence: 100.0%
{KFC, Poco} -> {BMW, Hublot, Adidas} <=> Confidence: 100.0%
{KFC, BMW} -> {Poco} <=> Confidence: 100.0%
{KFC, BMW} -> {Hublot} <=> Confidence: 100.0%
{KFC, BMW} -> {Adidas} <=> Confidence: 100.0%
{KFC, BMW} -> {Hublot, Poco} <=> Confidence: 100.0%
{KFC, BMW} -> {Poco, Adidas} <=> Confidence: 100.0%
{KFC, BMW} -> {Hublot, Adidas} <=> Confidence: 100.0%
{KFC, BMW} -> {Hublot, Adidas, Poco} <=> Confidence: 100.0%
{Hublot, Adidas} -> {Poco} <=> Confidence: 50.0%
{Hublot, Adidas} -> {BMW} <=> Confidence: 50.0%
{Hublot, Adidas} -> {KFC} <=> Confidence: 100.0%
{Hublot, Adidas} -> {Samsung} <=> Confidence: 50.0%
{Hublot, Adidas} -> {Nike} <=> Confidence: 50.0%
{Hublot, Adidas} -> {McD} <=> Confidence: 50.0%
{Hublot, Adidas} -> {Poco, BMW} <=> Confidence: 50.0%
{Hublot, Adidas} -> {KFC, Poco} <=> Confidence: 50.0%
{Hublot, Adidas} -> {KFC, BMW} <=> Confidence: 50.0%
{Hublot, Adidas} -> {Samsung, KFC} <=> Confidence: 50.0%
{Hublot, Adidas} -> {Nike, KFC} <=> Confidence: 50.0%
{Hublot, Adidas} -> {McD, KFC} <=> Confidence: 50.0%
{Hublot, Adidas} -> {Nike, Samsung} <=> Confidence: 50.0%
{Hublot, Adidas} -> {Samsung, McD} <=> Confidence: 50.0%
```

```
{Hublot, Adidas} -> {Nike, McD} <=> Confidence: 50.0%
{Hublot, Adidas} -> {KFC, BMW, Poco} <=> Confidence: 50.0%
{Hublot, Adidas} -> {KFC, Nike, Samsung} <=> Confidence: 50.0%
{Hublot, Adidas} -> {KFC, McD, Samsung} <=> Confidence: 50.0%
{Hublot, Adidas} -> {KFC, McD, Nike} <=> Confidence: 50.0%
{Hublot, Adidas} -> {McD, Nike, Samsung} <=> Confidence: 50.0%
{Hublot, Adidas} -> {KFC, McD, Nike, Samsung} <=> Confidence: 50.0%
{Hublot, KFC} -> {Poco} <=> Confidence: 50.0%
{Hublot, KFC} -> {BMW} <=> Confidence: 50.0%
{Hublot, KFC} -> {Adidas} <=> Confidence: 100.0%
{Hublot, KFC} -> {Samsung} <=> Confidence: 50.0%
{Hublot, KFC} -> {Nike} <=> Confidence: 50.0%
\{\text{Hublot, KFC}\} \rightarrow \{\text{McD}\} \iff \text{Confidence: } 50.0\%
{Hublot, KFC} -> {Poco, BMW} <=> Confidence: 50.0%
{Hublot, KFC} -> {Poco, Adidas} <=> Confidence: 50.0%
{Hublot, KFC} -> {Adidas, BMW} <=> Confidence: 50.0%
{Hublot, KFC} -> {Samsung, Adidas} <=> Confidence: 50.0%
{Hublot, KFC} -> {Nike, Adidas} <=> Confidence: 50.0%
{Hublot, KFC} -> {McD, Adidas} <=> Confidence: 50.0%
{Hublot, KFC} -> {Nike, Samsung} <=> Confidence: 50.0%
{Hublot, KFC} -> {McD, Samsung} <=> Confidence: 50.0%
{Hublot, KFC} -> {McD, Nike} <=> Confidence: 50.0%
{KFC, Adidas} -> {Poco} <=> Confidence: 50.0%
{KFC, Adidas} -> {BMW} <=> Confidence: 50.0%
{KFC, Adidas} -> {Hublot} <=> Confidence: 100.0%
{KFC, Adidas} -> {Samsung} <=> Confidence: 50.0%
{KFC, Adidas} -> {Nike} <=> Confidence: 50.0%
{KFC, Adidas} -> {McD} <=> Confidence: 50.0%
{KFC, Adidas} -> {Poco, BMW} <=> Confidence: 50.0%
{KFC, Adidas} -> {Hublot, Poco} <=> Confidence: 50.0%
{KFC, Adidas} -> {Hublot, BMW} <=> Confidence: 50.0%
{KFC, Adidas} -> {Hublot, Samsung} <=> Confidence: 50.0%
{KFC, Adidas} -> {Hublot, Nike} <=> Confidence: 50.0%
{KFC, Adidas} -> {Hublot, McD} <=> Confidence: 50.0%
{KFC, Adidas} -> {Nike, Samsung} <=> Confidence: 50.0%
{KFC, Adidas} -> {McD, Samsung} <=> Confidence: 50.0%
{KFC, Adidas} -> {Nike, McD} <=> Confidence: 50.0%
{KFC, Adidas} -> {BMW, Hublot, Poco} <=> Confidence: 50.0%
{KFC, Adidas} -> {Nike, Hublot, Samsung} <=> Confidence: 50.0%
{KFC, Adidas} -> {McD, Hublot, Samsung} <=> Confidence: 50.0%
{KFC, Adidas} -> {McD, Nike, Hublot} <=> Confidence: 50.0%
{KFC, Adidas} -> {McD, Nike, Samsung} <=> Confidence: 50.0%
{KFC, Adidas} -> {McD, Nike, Hublot, Samsung} <=> Confidence: 50.0%
{H&M, Tissot} -> {Bugatti} <=> Confidence: 50.0%
{H&M, Tissot} -> {Popeyes} <=> Confidence: 75.0%
{H&M, Tissot} -> {Hublot} <=> Confidence: 25.0%
```

```
{H&M, Tissot} -> {KFC} <=> Confidence: 25.0%
{H&M, Tissot} -> {ROG} <=> Confidence: 25.0%
{H&M, Tissot} -> {Bugatti, Coach} <=> Confidence: 25.0%
{H&M, Tissot} -> {Bugatti, Popeyes} <=> Confidence: 50.0%
{H&M, Tissot} -> {Popeyes, ROG} <=> Confidence: 25.0%
{H&M, Tissot} -> {KFC, Popeyes} <=> Confidence: 25.0%
{H&M, Tissot} -> {KFC, ROG} <=> Confidence: 25.0%
{H&M, Tissot} -> {Coach, Popeyes, Bugatti} <=> Confidence: 25.0%
{H&M, Tissot} -> {KFC, Popeyes, ROG} <=> Confidence: 25.0%
{Popeyes, Tissot} -> {Bugatti} <=> Confidence: 66.67%
\{Popeyes, Tissot\} \rightarrow \{H\&M\} \iff Confidence: 100.0\%
{Popeyes, Tissot} -> {KFC} <=> Confidence: 33.33%
{Popeyes, Tissot} -> {ROG} <=> Confidence: 33.33%
{Popeyes, Tissot} -> {Bugatti, Coach} <=> Confidence: 33.33%
{Popeyes, Tissot} -> {Bugatti, H&M} <=> Confidence: 66.67%
{Popeyes, Tissot} -> {H&M, ROG} <=> Confidence: 33.33%
{Popeyes, Tissot} -> {KFC, H&M} <=> Confidence: 33.33%
{Popeyes, Tissot} -> {KFC, ROG} <=> Confidence: 33.33%
{Popeyes, Tissot} -> {H&M, Coach, Bugatti} <=> Confidence: 33.33%
{Popeyes, Tissot} -> {KFC, H&M, ROG} <=> Confidence: 33.33%
{Hublot, H&M} -> {Tissot} <=> Confidence: 100.0%
{Hublot, Tissot} \rightarrow {H&M} \Longleftrightarrow Confidence: 100.0%
{KFC, H&M} -> {Tissot} <=> Confidence: 100.0%
{KFC, H&M} -> {Popeyes} <=> Confidence: 100.0%
{KFC, H&M} -> {ROG} <=> Confidence: 100.0%
\{KFC, H\&M\} \rightarrow \{Popeyes, Tissot\} \iff Confidence: 100.0\%
{KFC, H&M} -> {Tissot, ROG} <=> Confidence: 100.0%
{KFC, H&M} -> {Popeves, ROG} <=> Confidence: 100.0%
\{KFC, H\&M\} \rightarrow \{Popeyes, Tissot, ROG\} \iff Confidence: 100.0\%
{KFC, Tissot} -> {H&M} <=> Confidence: 100.0%
{KFC, Tissot} -> {Popeyes} <=> Confidence: 100.0%
{KFC, Tissot} -> {ROG} <=> Confidence: 100.0%
\{KFC, Tissot\} \rightarrow \{H\&M, Popeyes\} \iff Confidence: 100.0\%
{KFC, Tissot} -> {H&M, ROG} <=> Confidence: 100.0%
{KFC, Tissot} -> {Popeyes, ROG} <=> Confidence: 100.0%
{KFC, Tissot} -> {H&M, Popeyes, ROG} <=> Confidence: 100.0%
{H&M, ROG} -> {Tissot} <=> Confidence: 100.0%
{H&M, ROG} -> {Popeyes} <=> Confidence: 100.0%
{H&M, ROG} -> {KFC} <=> Confidence: 100.0%
{H&M, ROG} -> {Popeyes, Tissot} <=> Confidence: 100.0%
{H&M, ROG} -> {KFC, Tissot} <=> Confidence: 100.0%
{H&M, ROG} -> {KFC, Popeyes} <=> Confidence: 100.0%
{H&M, ROG} -> {KFC, Popeyes, Tissot} <=> Confidence: 100.0%
{Tissot, ROG} -> {H&M} <=> Confidence: 100.0%
{Tissot, ROG} -> {Popeyes} <=> Confidence: 100.0%
{Tissot, ROG} -> {KFC} <=> Confidence: 100.0%
```

```
\{Tissot, ROG\} \rightarrow \{H\&M, Popeyes\} \iff Confidence: 100.0\%
{Tissot, ROG} -> {KFC, H&M} <=> Confidence: 100.0%
{Tissot, ROG} -> {KFC, Popeyes} <=> Confidence: 100.0%
{Tissot, ROG} -> {KFC, H&M, Popeyes} <=> Confidence: 100.0%
{KFC, Popeyes} -> {Tissot} <=> Confidence: 100.0%
\{KFC, Popeyes\} \rightarrow \{H\&M\} \iff Confidence: 100.0\%
{KFC, Popeyes} -> {ROG} <=> Confidence: 100.0%
{KFC, Popeyes} -> {H&M, Tissot} <=> Confidence: 100.0%
{KFC, Popeyes} -> {Tissot, ROG} <=> Confidence: 100.0%
{KFC, Popeyes} -> {H&M, ROG} <=> Confidence: 100.0%
{KFC, Popeyes} -> {H&M, Tissot, ROG} <=> Confidence: 100.0%
{Popeyes, ROG} -> {Tissot} <=> Confidence: 100.0%
\{Popeyes, ROG\} -> \{H\&M\} <=> Confidence: 100.0\%
{Popeyes, ROG} -> {KFC} <=> Confidence: 100.0%
{Popeyes, ROG} -> {H&M, Tissot} <=> Confidence: 100.0%
{Popeyes, ROG} -> {KFC, Tissot} <=> Confidence: 100.0%
{Popeyes, ROG} -> {KFC, H&M} <=> Confidence: 100.0%
{Popeves, ROG} -> {KFC, H&M, Tissot} <=> Confidence: 100.0%
{KFC, ROG} -> {Tissot} <=> Confidence: 100.0%
{KFC, ROG} -> {H&M} <=> Confidence: 100.0%
{KFC, ROG} -> {Popeyes} <=> Confidence: 100.0%
{KFC, ROG} -> {H&M, Tissot} <=> Confidence: 100.0%
{KFC, ROG} -> {Popeyes, Tissot} <=> Confidence: 100.0%
{KFC, ROG} -> {H&M, Popeyes} <=> Confidence: 100.0%
{KFC, ROG} -> {H&M, Popeyes, Tissot} <=> Confidence: 100.0%
{Hublot, Samsung} -> {Adidas} <=> Confidence: 100.0%
{Hublot, Samsung} -> {KFC} <=> Confidence: 100.0%
{Hublot, Samsung} -> {Nike} <=> Confidence: 100.0%
{Hublot, Samsung} -> {McD} <=> Confidence: 100.0%
{Hublot, Samsung} -> {KFC, Adidas} <=> Confidence: 100.0%
{Hublot, Samsung} -> {Nike, Adidas} <=> Confidence: 100.0%
{Hublot, Samsung} -> {McD, Adidas} <=> Confidence: 100.0%
{Hublot, Samsung} -> {Nike, KFC} <=> Confidence: 100.0%
{Hublot, Samsung} -> {McD, KFC} <=> Confidence: 100.0%
{Hublot, Samsung} -> {Nike, McD} <=> Confidence: 100.0%
{Hublot, Samsung} -> {KFC, Nike, Adidas} <=> Confidence: 100.0%
{Hublot, Samsung} -> {KFC, McD, Adidas} <=> Confidence: 100.0%
{Hublot, Samsung} -> {McD, Nike, Adidas} <=> Confidence: 100.0%
{Hublot, Samsung} -> {KFC, McD, Nike} <=> Confidence: 100.0%
{Hublot, Samsung} -> {KFC, McD, Nike, Adidas} <=> Confidence: 100.0%
{Samsung, Adidas} -> {Hublot} <=> Confidence: 50.0%
{Samsung, Adidas} -> {KFC} <=> Confidence: 50.0%
{Samsung, Adidas} -> {Nike} <=> Confidence: 50.0%
{Samsung, Adidas} -> {McD} <=> Confidence: 50.0%
{Samsung, Adidas} -> {Dunkin} <=> Confidence: 50.0%
{Samsung, Adidas} -> {Swiss} <=> Confidence: 50.0%
```

```
{Samsung, Adidas} -> {ZARA} <=> Confidence: 50.0%
{Samsung, Adidas} -> {Hublot, KFC} <=> Confidence: 50.0%
{Samsung, Adidas} -> {Hublot, Nike} <=> Confidence: 50.0%
{Samsung, Adidas} -> {Hublot, McD} <=> Confidence: 50.0%
{Samsung, Adidas} -> {Nike, KFC} <=> Confidence: 50.0%
{Samsung, Adidas} -> {McD, KFC} <=> Confidence: 50.0%
{Samsung, Adidas} -> {McD, Nike} <=> Confidence: 50.0%
{Hublot, Nike} -> {Adidas} <=> Confidence: 100.0%
{Hublot, Nike} -> {KFC} <=> Confidence: 100.0%
{Hublot, Nike} -> {Samsung} <=> Confidence: 100.0%
{Hublot, Nike} -> {McD} <=> Confidence: 100.0%
{Hublot, Nike} -> {KFC, Adidas} <=> Confidence: 100.0%
{Hublot, Nike} -> {Samsung, Adidas} <=> Confidence: 100.0%
{Hublot, Nike} -> {McD, Adidas} <=> Confidence: 100.0%
{Hublot, Nike} -> {KFC, Samsung} <=> Confidence: 100.0%
{Hublot, Nike} -> {McD, KFC} <=> Confidence: 100.0%
{Hublot, Nike} -> {McD, Samsung} <=> Confidence: 100.0%
{Nike, Adidas} -> {Hublot} <=> Confidence: 100.0%
{Nike, Adidas} -> {KFC} <=> Confidence: 100.0%
{Nike, Adidas} -> {Samsung} <=> Confidence: 100.0%
{Nike, Adidas} -> {McD} <=> Confidence: 100.0%
{Nike, Adidas} -> {Hublot, KFC} <=> Confidence: 100.0%
{Nike, Adidas} -> {Hublot, Samsung} <=> Confidence: 100.0%
{Nike, Adidas} -> {Hublot, McD} <=> Confidence: 100.0%
{Nike, Adidas} -> {Samsung, KFC} <=> Confidence: 100.0%
{Nike, Adidas} -> {McD, KFC} <=> Confidence: 100.0%
{Nike, Adidas} -> {McD, Samsung} <=> Confidence: 100.0%
{Nike, Adidas} -> {KFC, Hublot, Samsung} <=> Confidence: 100.0%
{Nike, Adidas} -> {KFC, McD, Hublot} <=> Confidence: 100.0%
{Nike, Adidas} -> {McD, Hublot, Samsung} <=> Confidence: 100.0%
{Nike, Adidas} -> {KFC, McD, Samsung} <=> Confidence: 100.0%
{Nike, Adidas} -> {KFC, McD, Hublot, Samsung} <=> Confidence: 100.0%
\{\text{Hublot}, \text{McD}\} \rightarrow \{\text{Adidas}\} \iff \text{Confidence: } 100.0\%
{Hublot, McD} -> {KFC} <=> Confidence: 100.0%
{Hublot, McD} -> {Samsung} <=> Confidence: 100.0%
{Hublot, McD} -> {Nike} <=> Confidence: 100.0%
{Hublot, McD} -> {KFC, Adidas} <=> Confidence: 100.0%
{Hublot, McD} -> {Samsung, Adidas} <=> Confidence: 100.0%
{Hublot, McD} -> {Nike, Adidas} <=> Confidence: 100.0%
{Hublot, McD} -> {KFC, Samsung} <=> Confidence: 100.0%
{Hublot, McD} -> {KFC, Nike} <=> Confidence: 100.0%
{Hublot, McD} -> {Nike, Samsung} <=> Confidence: 100.0%
{McD, Adidas} -> {Hublot} <=> Confidence: 100.0%
{McD, Adidas} -> {KFC} <=> Confidence: 100.0%
{McD, Adidas} -> {Samsung} <=> Confidence: 100.0%
{McD, Adidas} -> {Nike} <=> Confidence: 100.0%
```

```
{McD, Adidas} -> {Hublot, KFC} <=> Confidence: 100.0%
{McD, Adidas} -> {Hublot, Samsung} <=> Confidence: 100.0%
{McD, Adidas} -> {Hublot, Nike} <=> Confidence: 100.0%
{McD, Adidas} -> {Samsung, KFC} <=> Confidence: 100.0%
{McD, Adidas} -> {Nike, KFC} <=> Confidence: 100.0%
{McD, Adidas} -> {Nike, Samsung} <=> Confidence: 100.0%
{McD, Adidas} -> {KFC, Hublot, Samsung} <=> Confidence: 100.0%
{McD, Adidas} -> {KFC, Nike, Hublot} <=> Confidence: 100.0%
{McD, Adidas} -> {Nike, Hublot, Samsung} <=> Confidence: 100.0%
{McD, Adidas} -> {KFC, Nike, Samsung} <=> Confidence: 100.0%
{McD, Adidas} -> {KFC, Nike, Hublot, Samsung} <=> Confidence: 100.0%
{KFC, Samsung} -> {Hublot} <=> Confidence: 100.0%
{KFC, Samsung} -> {Nike} <=> Confidence: 100.0%
{KFC, Samsung} -> {McD} <=> Confidence: 100.0%
{KFC, Samsung} -> {Hublot, Nike} <=> Confidence: 100.0%
{KFC, Samsung} -> {Hublot, McD} <=> Confidence: 100.0%
{KFC, Samsung} -> {Nike, McD} <=> Confidence: 100.0%
{KFC, Samsung} -> {Nike, Hublot, Adidas} <=> Confidence: 100.0%
{KFC, Samsung} -> {McD, Hublot, Adidas} <=> Confidence: 100.0%
{KFC, Samsung} -> {McD, Nike, Hublot} <=> Confidence: 100.0%
{KFC, Samsung} -> {McD, Nike, Adidas} <=> Confidence: 100.0%
{KFC, Samsung} -> {McD, Nike, Hublot, Adidas} <=> Confidence: 100.0%
{KFC, Nike} -> {Hublot} <=> Confidence: 100.0%
{KFC, Nike} -> {McD} <=> Confidence: 100.0%
{KFC, Nike} -> {Hublot, McD} <=> Confidence: 100.0%
{KFC, Nike} -> {Hublot, Adidas, Samsung} <=> Confidence: 100.0%
{KFC, Nike} -> {McD, Hublot, Adidas} <=> Confidence: 100.0%
{KFC, Nike} -> {McD, Hublot, Samsung} <=> Confidence: 100.0%
{KFC, Nike} -> {McD, Adidas, Samsung} <=> Confidence: 100.0%
{KFC, Nike} -> {McD, Hublot, Adidas, Samsung} <=> Confidence: 100.0%
{McD, KFC} -> {Hublot} <=> Confidence: 100.0%
{McD, KFC} -> {Adidas} <=> Confidence: 100.0%
{McD, KFC} -> {Samsung} <=> Confidence: 100.0%
{McD, KFC} -> {Nike} <=> Confidence: 100.0%
{McD, KFC} -> {Hublot, Adidas} <=> Confidence: 100.0%
{McD, KFC} -> {Hublot, Samsung} <=> Confidence: 100.0%
{McD, KFC} -> {Hublot, Nike} <=> Confidence: 100.0%
{McD, KFC} -> {Samsung, Adidas} <=> Confidence: 100.0%
{McD, KFC} -> {Nike, Adidas} <=> Confidence: 100.0%
{McD, KFC} -> {Nike, Samsung} <=> Confidence: 100.0%
{Nike, Samsung} -> {Hublot} <=> Confidence: 100.0%
{Nike, Samsung} -> {Adidas} <=> Confidence: 100.0%
{Nike, Samsung} -> {KFC} <=> Confidence: 100.0%
\{Nike, Samsung\} \rightarrow \{McD\} \iff Confidence: 100.0\%
{Nike, Samsung} -> {Hublot, Adidas} <=> Confidence: 100.0%
{Nike, Samsung} -> {Hublot, KFC} <=> Confidence: 100.0%
```

```
{Nike, Samsung} -> {Hublot, McD} <=> Confidence: 100.0%
{Nike, Samsung} -> {KFC, Adidas} <=> Confidence: 100.0%
{Nike, Samsung} -> {McD, Adidas} <=> Confidence: 100.0%
{Nike, Samsung} -> {McD, KFC} <=> Confidence: 100.0%
{Nike, Samsung} -> {KFC, Hublot, Adidas} <=> Confidence: 100.0%
{Nike, Samsung} -> {McD, Hublot, Adidas} <=> Confidence: 100.0%
{Nike, Samsung} -> {KFC, McD, Hublot} <=> Confidence: 100.0%
{Nike, Samsung} -> {KFC, McD, Adidas} <=> Confidence: 100.0%
{Nike, Samsung} -> {KFC, McD, Hublot, Adidas} <=> Confidence: 100.0%
{McD, Samsung} -> {Hublot} <=> Confidence: 100.0%
{McD, Samsung} -> {Adidas} <=> Confidence: 100.0%
\{McD, Samsung\} \rightarrow \{KFC\} \iff Confidence: 100.0\%
{McD, Samsung} -> {Nike} <=> Confidence: 100.0%
{McD, Samsung} -> {Hublot, KFC} <=> Confidence: 100.0%
{McD, Samsung} -> {Hublot, Nike} <=> Confidence: 100.0%
{McD, Samsung} -> {KFC, Adidas} <=> Confidence: 100.0%
{McD, Samsung} -> {Nike, Adidas} <=> Confidence: 100.0%
{McD, Samsung} -> {Nike, KFC} <=> Confidence: 100.0%
{McD, Samsung} -> {KFC, Hublot, Adidas} <=> Confidence: 100.0%
{McD, Samsung} -> {Nike, Hublot, Adidas} <=> Confidence: 100.0%
{McD, Samsung} -> {KFC, Nike, Hublot} <=> Confidence: 100.0%
{McD, Samsung} -> {KFC, Nike, Adidas} <=> Confidence: 100.0%
{McD, Samsung} -> {KFC, Nike, Hublot, Adidas} <=> Confidence: 100.0%
{McD, Nike} -> {Hublot} <=> Confidence: 100.0%
{McD, Nike} -> {KFC} <=> Confidence: 100.0%
{McD, Nike} -> {Hublot, KFC} <=> Confidence: 100.0%
{McD, Nike} -> {Samsung, Adidas} <=> Confidence: 100.0%
{McD, Nike} -> {KFC, Hublot, Adidas} <=> Confidence: 100.0%
{McD, Nike} -> {Hublot, Adidas, Samsung} <=> Confidence: 100.0%
{McD, Nike} -> {KFC, Hublot, Samsung} <=> Confidence: 100.0%
{McD, Nike} -> {KFC, Adidas, Samsung} <=> Confidence: 100.0%
{McD, Nike} -> {KFC, Hublot, Adidas, Samsung} <=> Confidence: 100.0%
{Samsung, KFC} -> {Adidas} <=> Confidence: 100.0%
{Samsung, KFC} -> {Hublot, Adidas} <=> Confidence: 100.0%
{Samsung, KFC} -> {Nike, Adidas} <=> Confidence: 100.0%
{Samsung, KFC} -> {McD, Adidas} <=> Confidence: 100.0%
{Nike, KFC} -> {Adidas} <=> Confidence: 100.0%
\{Nike, KFC\} \rightarrow \{Samsung\} \iff Confidence: 100.0\%
{Nike, KFC} -> {Hublot, Adidas} <=> Confidence: 100.0%
{Nike, KFC} -> {Hublot, Samsung} <=> Confidence: 100.0%
{Nike, KFC} -> {Samsung, Adidas} <=> Confidence: 100.0%
\{Nike, KFC\} \rightarrow \{McD, Adidas\} \iff Confidence: 100.0\%
{Nike, KFC} -> {McD, Samsung} <=> Confidence: 100.0%
{Samsung, Dunkin} -> {Adidas} <=> Confidence: 100.0%
{Samsung, Dunkin} -> {Swiss} <=> Confidence: 100.0%
{Samsung, Dunkin} -> {ZARA} <=> Confidence: 100.0%
```

```
{Samsung, Dunkin} -> {ZARA, Swiss} <=> Confidence: 100.0%
{Samsung, Dunkin} -> {Adidas, Swiss} <=> Confidence: 100.0%
{Samsung, Dunkin} -> {Adidas, ZARA} <=> Confidence: 100.0%
{Adidas, Dunkin} -> {Samsung} <=> Confidence: 100.0%
{Adidas, Dunkin} -> {Swiss} <=> Confidence: 100.0%
{Adidas, Dunkin} -> {ZARA} <=> Confidence: 100.0%
{Adidas, Dunkin} -> {ZARA, Swiss} <=> Confidence: 100.0%
{Adidas, Dunkin} -> {Samsung, Swiss} <=> Confidence: 100.0%
{Adidas, Dunkin} -> {Samsung, ZARA} <=> Confidence: 100.0%
{Samsung, Swiss} -> {Adidas} <=> Confidence: 100.0%
{Samsung, Swiss} -> {ZARA, Dunkin} <=> Confidence: 100.0%
{Samsung, Swiss} -> {Adidas, Dunkin} <=> Confidence: 100.0%
{Samsung, Swiss} -> {Adidas, ZARA} <=> Confidence: 100.0%
{Swiss, Adidas} -> {Samsung} <=> Confidence: 100.0%
{Swiss, Adidas} -> {Dunkin} <=> Confidence: 100.0%
{Swiss, Adidas} -> {ZARA} <=> Confidence: 100.0%
{Swiss, Adidas} -> {Dunkin, Samsung, ZARA} <=> Confidence: 100.0%
{Samsung, ZARA} -> {Adidas} <=> Confidence: 100.0%
{Samsung, ZARA} -> {Swiss} <=> Confidence: 100.0%
{Samsung, ZARA} -> {Adidas, Dunkin} <=> Confidence: 100.0%
{Samsung, ZARA} -> {Adidas, Swiss} <=> Confidence: 100.0%
{Samsung, ZARA} -> {Swiss, Dunkin, Adidas} <=> Confidence: 100.0%
{Adidas, ZARA} -> {Samsung} <=> Confidence: 100.0%
{Adidas, ZARA} -> {Swiss} <=> Confidence: 100.0%
{Adidas, ZARA} -> {Samsung, Dunkin} <=> Confidence: 100.0%
{Adidas, ZARA} -> {Samsung, Swiss} <=> Confidence: 100.0%
{Adidas, ZARA} -> {Swiss, Dunkin, Samsung} <=> Confidence: 100.0%
{Nike, McD} -> {Adidas} <=> Confidence: 100.0%
\{Nike, McD\} \rightarrow \{Samsung\} \iff Confidence: 100.0\%
{Nike, McD} -> {Hublot, Adidas} <=> Confidence: 100.0%
{Nike, McD} -> {Hublot, Samsung} <=> Confidence: 100.0%
{Nike, McD} -> {KFC, Adidas} <=> Confidence: 100.0%
\{Nike, McD\} \rightarrow \{KFC, Samsung\} \iff Confidence: 100.0\%
{ZARA. Adidas} -> {Dunkin} <=> Confidence: 100.0%
{ZARA, Adidas} -> {Swiss, Dunkin} <=> Confidence: 100.0%
{Swiss, Samsung} -> {Dunkin} <=> Confidence: 100.0%
{Swiss, Samsung} -> {ZARA} <=> Confidence: 100.0%
{Swiss, Samsung} -> {Dunkin, Adidas, ZARA} <=> Confidence: 100.0%
{ZARA, Samsung} -> {Dunkin} <=> Confidence: 100.0%
{ZARA, Samsung} -> {Swiss, Dunkin} <=> Confidence: 100.0%
{Swiss, Fossil} -> {Hermes} <=> Confidence: 100.0%
{Swiss, Fossil} -> {Tata, Hermes} <=> Confidence: 100.0%
{Swiss, Fossil} -> {Pagani, Hermes} <=> Confidence: 100.0%
{Swiss, Fossil} -> {Tata, Pagani, Hermes} <=> Confidence: 100.0%
{Swiss, Hermes} -> {Fossil} <=> Confidence: 100.0%
{Swiss, Hermes} -> {Tata} <=> Confidence: 100.0%
```

```
{Swiss, Hermes} -> {Pagani} <=> Confidence: 100.0%
{Swiss, Hermes} -> {Tata, Fossil} <=> Confidence: 100.0%
{Swiss, Hermes} -> {Fossil, Pagani} <=> Confidence: 100.0%
{Swiss, Hermes} -> {Tata, Pagani} <=> Confidence: 100.0%
{Swiss, Hermes} -> {Tata, Pagani, Fossil} <=> Confidence: 100.0%
{Tata, Fossil} -> {Hermes} <=> Confidence: 100.0%
{Tata, Fossil} -> {Swiss} <=> Confidence: 100.0%
{Tata, Fossil} -> {Pagani} <=> Confidence: 100.0%
{Tata, Fossil} -> {Swiss, Hermes} <=> Confidence: 100.0%
{Tata, Fossil} -> {Pagani, Hermes} <=> Confidence: 100.0%
{Tata, Fossil} -> {Pagani, Swiss} <=> Confidence: 100.0%
{Tata, Fossil} -> {Swiss, Pagani, Hermes} <=> Confidence: 100.0%
{Tata, Hermes} -> {Fossil} <=> Confidence: 100.0%
{Tata, Hermes} -> {Swiss} <=> Confidence: 100.0%
{Tata, Hermes} -> {Pagani} <=> Confidence: 100.0%
{Tata, Hermes} -> {Swiss, Fossil} <=> Confidence: 100.0%
{Tata, Hermes} -> {Fossil, Pagani} <=> Confidence: 100.0%
{Tata, Hermes} -> {Swiss, Pagani} <=> Confidence: 100.0%
{Tata, Hermes} -> {Swiss, Pagani, Fossil} <=> Confidence: 100.0%
{Fossil, Pagani} -> {Hermes} <=> Confidence: 100.0%
{Fossil, Pagani} -> {Swiss} <=> Confidence: 100.0%
{Fossil, Pagani} -> {Tata} <=> Confidence: 100.0%
{Fossil, Pagani} -> {Swiss, Hermes} <=> Confidence: 100.0%
{Fossil, Pagani} -> {Tata, Hermes} <=> Confidence: 100.0%
{Fossil, Pagani} -> {Tata, Swiss} <=> Confidence: 100.0%
{Pagani, Hermes} -> {Fossil} <=> Confidence: 100.0%
{Pagani, Hermes} -> {Swiss} <=> Confidence: 100.0%
{Pagani, Hermes} -> {Tata} <=> Confidence: 100.0%
{Pagani, Hermes} -> {Swiss, Fossil} <=> Confidence: 100.0%
{Pagani, Hermes} -> {Tata, Fossil} <=> Confidence: 100.0%
{Pagani, Hermes} -> {Swiss, Tata} <=> Confidence: 100.0%
{Pagani, Hermes} -> {Swiss, Tata, Fossil} <=> Confidence: 100.0%
{Puma, Fossil} -> {Omega} <=> Confidence: 100.0%
{Puma, Fossil} -> {Kia} <=> Confidence: 100.0%
{Puma, Fossil} -> {Kia, Omega} <=> Confidence: 100.0%
{Fossil, Omega} -> {Puma} <=> Confidence: 100.0%
{Fossil, Omega} -> {Kia} <=> Confidence: 100.0%
{Fossil, Omega} -> {Kia, Puma} <=> Confidence: 100.0%
{Kia, Fossil} -> {Omega} <=> Confidence: 100.0%
{Kia, Fossil} -> {Puma} <=> Confidence: 100.0%
{Kia, Fossil} -> {Puma, Omega} <=> Confidence: 100.0%
{Kia, Omega} -> {Fossil} <=> Confidence: 100.0%
{Kia, Omega} -> {Puma} <=> Confidence: 100.0%
{Kia, Omega} -> {Puma, Fossil} <=> Confidence: 100.0%
{Kia, Puma} -> {Fossil} <=> Confidence: 100.0%
{Kia, Puma} -> {Fossil, Omega} <=> Confidence: 100.0%
```

```
{Tata, Swiss} -> {Fossil} <=> Confidence: 100.0%
{Tata, Swiss} -> {Pagani} <=> Confidence: 100.0%
{Tata, Swiss} -> {Fossil, Hermes} <=> Confidence: 100.0%
{Tata, Swiss} -> {Fossil, Pagani} <=> Confidence: 100.0%
{Fossil, Swiss} -> {Tata} <=> Confidence: 100.0%
{Fossil, Swiss} -> {Pagani} <=> Confidence: 100.0%
{Fossil, Swiss} -> {Tata, Pagani} <=> Confidence: 100.0%
{Pagani, Swiss} -> {Fossil} <=> Confidence: 100.0%
{Pagani, Swiss} -> {Tata} <=> Confidence: 100.0%
{Pagani, Swiss} -> {Tata, Fossil} <=> Confidence: 100.0%
{Tata, Pagani} -> {Fossil} <=> Confidence: 100.0%
{Tata, Pagani} -> {Hermes} <=> Confidence: 100.0%
{Tata, Pagani} -> {Swiss} <=> Confidence: 100.0%
{Tata, Pagani} -> {Fossil, Hermes} <=> Confidence: 100.0%
{Tata, Pagani} -> {Fossil, Swiss} <=> Confidence: 100.0%
{Tata, Pagani} -> {Swiss, Hermes} <=> Confidence: 100.0%
{Tata, Pagani} -> {Swiss, Hermes, Fossil} <=> Confidence: 100.0%
{Swiss, Tata} -> {Hermes} <=> Confidence: 100.0%
{Swiss, Tata} -> {Pagani, Hermes} <=> Confidence: 100.0%
{Swiss, Tata} -> {Pagani, Hermes, Fossil} <=> Confidence: 100.0%
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{Swiss, Pagani} -> {Tata, Hermes} <=> Confidence: 100.0%
{Swiss, Pagani} -> {Tata, Hermes, Fossil} <=> Confidence: 100.0%
{Omega, Puma} -> {Dunkin} <=> Confidence: 50.0%
{Omega, Puma} -> {Dunkin, Titan, Chipotle} <=> Confidence: 50.0%
{Chipotle, Puma} -> {Dunkin} <=> Confidence: 100.0%
{Chipotle, Puma} -> {Omega} <=> Confidence: 100.0%
{Chipotle, Puma} -> {Titan, Omega} <=> Confidence: 100.0%
{Chipotle, Puma} -> {Titan, Dunkin} <=> Confidence: 100.0%
{Chipotle, Puma} -> {Dunkin, Omega} <=> Confidence: 100.0%
{ZARA, Swiss} -> {Dunkin} <=> Confidence: 100.0%
{ZARA, Swiss} -> {Chanel, Dunkin} <=> Confidence: 50.0%
{ZARA, Swiss} -> {Subway, Dunkin} <=> Confidence: 50.0%
{ZARA, Swiss} -> {Adidas, Dunkin} <=> Confidence: 50.0%
{ZARA, Swiss} -> {Samsung, Dunkin} <=> Confidence: 50.0%
{Puma, Kia} -> {Omega} <=> Confidence: 100.0%
{IQOO, Chanel, Tesla} -> {Coach} <=> Confidence: 100.0%
{IQOO, Chanel, Tesla} -> {Subway} <=> Confidence: 100.0%
{IQOO, Chanel, Tesla} -> {Xiaomi} <=> Confidence: 100.0%
{IQOO, Chanel, Tesla} -> {Coach, Subway} <=> Confidence: 100.0%
{IQOO, Chanel, Tesla} -> {Coach, Xiaomi} <=> Confidence: 100.0%
{IQOO, Chanel, Tesla} -> {Subway, Xiaomi} <=> Confidence: 100.0%
{IQOO, Chanel, Tesla} -> {Coach, Subway, Xiaomi} <=> Confidence: 100.0%
{IQOO, Chanel, Coach} -> {Tesla} <=> Confidence: 100.0%
{IOOO, Chanel, Coach} -> {Subway} <=> Confidence: 100.0%
```

```
{IQOO, Chanel, Coach} -> {Xiaomi} <=> Confidence: 100.0%
{IQOO, Chanel, Coach} -> {Tesla, Subway} <=> Confidence: 100.0%
{IOOO, Chanel, Coach} -> {Tesla, Xiaomi} <=> Confidence: 100.0%
{IQOO, Chanel, Coach} -> {Subway, Xiaomi} <=> Confidence: 100.0%
{IQOO, Chanel, Coach} -> {Tesla, Subway, Xiaomi} <=> Confidence: 100.0%
{IQOO, Tesla, Coach} -> {Chanel} <=> Confidence: 50.0%
{IQOO, Tesla, Coach} -> {Subway} <=> Confidence: 50.0%
{IQOO, Tesla, Coach} -> {Xiaomi} <=> Confidence: 50.0%
{IQOO, Tesla, Coach} -> {Chanel, Subway} <=> Confidence: 50.0%
{IQOO, Tesla, Coach} -> {Chanel, Xiaomi} <=> Confidence: 50.0%
{IQOO, Tesla, Coach} -> {Subway, Xiaomi} <=> Confidence: 50.0%
{IQOO, Tesla, Coach} -> {Chanel, Subway, Xiaomi} <=> Confidence: 50.0%
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{Chanel, Tesla, Coach} -> {Subway} <=> Confidence: 100.0%
{Chanel, Tesla, Coach} -> {Xiaomi} <=> Confidence: 100.0%
{Chanel, Tesla, Coach} -> {IOOO, Subway} <=> Confidence: 100.0%
{Chanel, Tesla, Coach} -> {IQOO, Xiaomi} <=> Confidence: 100.0%
{Chanel, Tesla, Coach} -> {Subway, Xiaomi} <=> Confidence: 100.0%
{Chanel, Tesla, Coach} -> {IQOO, Subway, Xiaomi} <=> Confidence: 100.0%
{IQOO, Subway, Tesla} -> {Coach} <=> Confidence: 100.0%
{IQOO, Subway, Tesla} -> {Chanel} <=> Confidence: 100.0%
{IQOO, Subway, Tesla} -> {Xiaomi} <=> Confidence: 100.0%
{IQOO, Subway, Coach} -> {Tesla} <=> Confidence: 100.0%
{IQOO, Subway, Coach} -> {Chanel} <=> Confidence: 100.0%
{IQOO, Subway, Coach} -> {Xiaomi} <=> Confidence: 100.0%
{Subway, Tesla, Coach} -> {IOOO} <=> Confidence: 100.0%
{Subway, Tesla, Coach} -> {Chanel} <=> Confidence: 100.0%
{Subway, Tesla, Coach} -> {Xiaomi} <=> Confidence: 100.0%
{IQOO, Xiaomi, Tesla} -> {Coach} <=> Confidence: 100.0%
{IQOO, Xiaomi, Tesla} -> {Chanel} <=> Confidence: 100.0%
{IQOO, Xiaomi, Tesla} -> {Subway} <=> Confidence: 100.0%
{IQOO, Xiaomi, Coach} -> {Tesla} <=> Confidence: 100.0%
{IQOO, Xiaomi, Coach} -> {Chanel} <=> Confidence: 100.0%
{IQOO, Xiaomi, Coach} -> {Subway} <=> Confidence: 100.0%
{Xiaomi, Tesla, Coach} -> {IQOO} <=> Confidence: 100.0%
{Xiaomi, Tesla, Coach} -> {Chanel} <=> Confidence: 100.0%
{Xiaomi, Tesla, Coach} -> {Subway} <=> Confidence: 100.0%
{IOOO, Subway, Chanel} -> {Tesla} <=> Confidence: 100.0%
{IQOO, Subway, Chanel} -> {Coach} <=> Confidence: 100.0%
{IQOO, Subway, Chanel} -> {Xiaomi} <=> Confidence: 100.0%
{Subway, Chanel, Tesla} -> {IQOO} <=> Confidence: 100.0%
{Subway, Chanel, Tesla} -> {Coach} <=> Confidence: 100.0%
{Subway, Chanel, Tesla} -> {Xiaomi} <=> Confidence: 100.0%
{IQOO, Xiaomi, Chanel} -> {Tesla} <=> Confidence: 100.0%
{Xiaomi, Chanel, Tesla} -> {IQOO} <=> Confidence: 100.0%
{Xiaomi, Chanel, Tesla} -> {Coach} <=> Confidence: 100.0%
```

```
{Xiaomi, Chanel, Tesla} -> {Subway} <=> Confidence: 100.0%
{IQOO, Xiaomi, Subway} -> {Tesla} <=> Confidence: 100.0%
{Xiaomi, Subway, Tesla} -> {IOOO} <=> Confidence: 100.0%
{Xiaomi, Subway, Tesla} -> {Coach} <=> Confidence: 100.0%
{Subway, Chanel, Coach} -> {IQOO} <=> Confidence: 50.0%
{Subway, Chanel, Coach} -> {Tesla} <=> Confidence: 50.0%
{Subway, Chanel, Coach} -> {Xiaomi} <=> Confidence: 50.0%
{Subway, Chanel, Coach} -> {Poco} <=> Confidence: 50.0%
{IQOO, Chanel, Xiaomi} -> {Coach} <=> Confidence: 100.0%
{IQOO, Chanel, Xiaomi} -> {Subway} <=> Confidence: 100.0%
{IQOO, Chanel, Xiaomi} -> {Tesla, Coach} <=> Confidence: 100.0%
{IQOO, Chanel, Xiaomi} -> {Tesla, Subway} <=> Confidence: 100.0%
{IQOO, Chanel, Xiaomi} -> {Coach, Subway} <=> Confidence: 100.0%
{IQOO, Chanel, Xiaomi} -> {Tesla, Coach, Subway} <=> Confidence: 100.0%
{Chanel, Xiaomi, Coach} -> {IQOO} <=> Confidence: 100.0%
{Chanel, Xiaomi, Coach} -> {Subway} <=> Confidence: 100.0%
{IQOO, Subway, Xiaomi} -> {Coach} <=> Confidence: 100.0%
{IQOO, Subway, Xiaomi} -> {Chanel} <=> Confidence: 100.0%
{IQOO, Subway, Xiaomi} -> {Chanel, Tesla} <=> Confidence: 100.0%
{IQOO, Subway, Xiaomi} -> {Chanel, Coach} <=> Confidence: 100.0%
{IQOO, Subway, Xiaomi} -> {Tesla, Coach} <=> Confidence: 100.0%
{IQOO, Subway, Xiaomi} -> {Chanel, Tesla, Coach} <=> Confidence: 100.0%
{Subway, Xiaomi, Coach} -> {IQOO} <=> Confidence: 100.0%
{Subway, Xiaomi, Coach} -> {Chanel} <=> Confidence: 100.0%
{Subway, Chanel, Xiaomi} -> {IQOO} <=> Confidence: 100.0%
{Subway, Chanel, Xiaomi} -> {Coach} <=> Confidence: 100.0%
{IQOO, GUCCI, Starbucks} -> {Titan} <=> Confidence: 100.0%
{IQOO, GUCCI, Titan} -> {Starbucks} <=> Confidence: 100.0%
{IQOO, Starbucks, Titan} -> {GUCCI} <=> Confidence: 100.0%
{GUCCI, Starbucks, Titan} -> {IQOO} <=> Confidence: 50.0%
{GUCCI, Starbucks, Titan} -> {Audi} <=> Confidence: 50.0%
{GUCCI, Starbucks, Titan} -> {OnePlus} <=> Confidence: 50.0%
{GUCCI, Starbucks, Titan} -> {Vivo} <=> Confidence: 50.0%
{GUCCI, Starbucks, Titan} -> {Audi, OnePlus} <=> Confidence: 50.0%
{GUCCI, Starbucks, Titan} -> {Audi, Vivo} <=> Confidence: 50.0%
{GUCCI, Starbucks, Titan} -> {Vivo, OnePlus} <=> Confidence: 50.0%
{GUCCI, Starbucks, Titan} -> {Audi, Vivo, OnePlus} <=> Confidence: 50.0%
{Xiaomi, Chanel, Coach} -> {Tesla} <=> Confidence: 100.0%
{Xiaomi, Subway, Coach} -> {Tesla} <=> Confidence: 100.0%
{Apple, Rolex} -> {Tesla, Coach} <=> Confidence: 100.0%
{Apple, Rolex, Tesla} -> {Coach} <=> Confidence: 100.0%
{Apple, Rolex, Coach} -> {Tesla} <=> Confidence: 100.0%
{Apple, Tesla, Coach} -> {Rolex} <=> Confidence: 100.0%
{Rolex, Tesla, Coach} -> {Apple} <=> Confidence: 100.0%
{Subway, Xiaomi, Chanel} -> {Tesla} <=> Confidence: 100.0%
{Subway, Xiaomi, Tesla} -> {Chanel} <=> Confidence: 100.0%
```

```
{Subway, Chanel, Poco} -> {Coach} <=> Confidence: 100.0%
{Subway, Coach, Poco} -> {Chanel} <=> Confidence: 100.0%
{Chanel, Coach, Poco} -> {Subway} <=> Confidence: 100.0%
{Bugatti, H&M, Tissot} -> {Coach} <=> Confidence: 50.0%
{Bugatti, H&M, Tissot} -> {Popeyes} <=> Confidence: 100.0%
{Bugatti, H&M, Coach} -> {Tissot} <=> Confidence: 100.0%
{Bugatti, H&M, Coach} -> {Popeyes} <=> Confidence: 100.0%
{Bugatti, Tissot, Coach} -> {H&M} <=> Confidence: 100.0%
{Bugatti, Tissot, Coach} -> {Popeyes} <=> Confidence: 100.0%
{H&M, Tissot, Coach} -> {Bugatti} <=> Confidence: 100.0%
{Bugatti, Popeyes, Tissot} -> {Coach} <=> Confidence: 50.0%
{Bugatti, Popeyes, Tissot} -> {H&M} <=> Confidence: 100.0%
{Bugatti, Popeyes, Coach} -> {Tissot} <=> Confidence: 100.0%
{Bugatti, Popeyes, Coach} -> {H&M} <=> Confidence: 100.0%
{Popeyes, Tissot, Coach} -> {Bugatti} <=> Confidence: 100.0%
{Bugatti, H&M, Popeves} -> {Coach} <=> Confidence: 50.0%
{Bugatti, H&M, Popeyes} -> {Tissot} <=> Confidence: 100.0%
{H&M, Popeyes, Coach} -> {Bugatti} <=> Confidence: 100.0%
{H&M, Popeyes, Coach} -> {Tissot} <=> Confidence: 100.0%
{Tissot, H&M, Popeyes} -> {Coach} <=> Confidence: 33.33%
{Tissot, H&M, Coach} -> {Popeyes} <=> Confidence: 100.0%
{Tissot, Popeyes, Coach} -> {H&M} <=> Confidence: 100.0%
{Microsoft, Subway, Chanel} -> {Dunkin} <=> Confidence: 100.0%
{Microsoft, Subway, Chanel} -> {Swiss} <=> Confidence: 100.0%
{Microsoft, Subway, Chanel} -> {ZARA} <=> Confidence: 100.0%
{Microsoft, Subway, Dunkin} -> {Chanel} <=> Confidence: 100.0%
{Microsoft, Subway, Dunkin} -> {Swiss} <=> Confidence: 100.0%
{Microsoft, Subway, Dunkin} -> {ZARA} <=> Confidence: 100.0%
{Microsoft, Chanel, Dunkin} -> {Subway} <=> Confidence: 100.0%
{Microsoft, Chanel, Dunkin} -> {Swiss} <=> Confidence: 100.0%
{Microsoft, Chanel, Dunkin} -> {ZARA} <=> Confidence: 100.0%
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{Subway, Chanel, Dunkin} -> {Swiss} <=> Confidence: 100.0%
{Subway, Chanel, Dunkin} -> {ZARA} <=> Confidence: 100.0%
{Subway, Chanel, Swiss} -> {Dunkin} <=> Confidence: 100.0%
{Subway, Chanel, Swiss} -> {Microsoft} <=> Confidence: 100.0%
{Subway, Chanel, Swiss} -> {ZARA} <=> Confidence: 100.0%
{Subway, Swiss, Dunkin} -> {Chanel} <=> Confidence: 100.0%
{Subway, Swiss, Dunkin} -> {Microsoft} <=> Confidence: 100.0%
{Subway, Swiss, Dunkin} -> {ZARA} <=> Confidence: 100.0%
{Chanel, Swiss, Dunkin} -> {Subway} <=> Confidence: 100.0%
{Chanel, Swiss, Dunkin} -> {Microsoft} <=> Confidence: 100.0%
{Chanel, Swiss, Dunkin} -> {ZARA} <=> Confidence: 100.0%
{Chanel, Swiss, Dunkin} -> {Microsoft, Subway} <=> Confidence: 100.0%
{Chanel, Swiss, Dunkin} -> {Subway, ZARA} <=> Confidence: 100.0%
{Chanel, Swiss, Dunkin} -> {Microsoft, ZARA} <=> Confidence: 100.0%
```

```
{Chanel, Swiss, Dunkin} -> {Microsoft, Subway, ZARA} <=> Confidence: 100.0%
{Subway, Chanel, ZARA} -> {Dunkin} <=> Confidence: 100.0%
{Subway, Chanel, ZARA} -> {Microsoft} <=> Confidence: 100.0%
{Subway, Chanel, ZARA} -> {Swiss} <=> Confidence: 100.0%
{Subway, ZARA, Dunkin} -> {Chanel} <=> Confidence: 100.0%
{Subway, ZARA, Dunkin} -> {Microsoft} <=> Confidence: 100.0%
{Chanel, ZARA, Dunkin} -> {Subway} <=> Confidence: 100.0%
{Chanel, ZARA, Dunkin} -> {Microsoft} <=> Confidence: 100.0%
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{Microsoft, Subway, Swiss} -> {Dunkin} <=> Confidence: 100.0%
{Microsoft, Subway, Swiss} -> {ZARA} <=> Confidence: 100.0%
{Microsoft, Chanel, Swiss} -> {Subway} <=> Confidence: 100.0%
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{Microsoft, Chanel, Swiss} -> {ZARA} <=> Confidence: 100.0%
{Microsoft, Subway, ZARA} -> {Chanel} <=> Confidence: 100.0%
{Microsoft, Subway, ZARA} -> {Dunkin} <=> Confidence: 100.0%
{Microsoft, Subway, ZARA} -> {Swiss} <=> Confidence: 100.0%
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{Microsoft, Subway, ZARA} -> {Swiss, Dunkin} <=> Confidence: 100.0%
{Microsoft, Subway, ZARA} -> {Chanel, Swiss, Dunkin} <=> Confidence: 100.0%
{Microsoft, Chanel, ZARA} -> {Subway} <=> Confidence: 100.0%
{Microsoft, Chanel, ZARA} -> {Dunkin} <=> Confidence: 100.0%
{Microsoft, Chanel, ZARA} -> {Swiss} <=> Confidence: 100.0%
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{Chanel, Swiss, ZARA} -> {Microsoft, Subway} <=> Confidence: 100.0%
{Chanel, Swiss, ZARA} -> {Dunkin, Subway} <=> Confidence: 100.0%
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{Microsoft, Swiss, Dunkin} -> {Chanel} <=> Confidence: 100.0%
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{Microsoft, ZARA, Dunkin} -> {Subway} <=> Confidence: 100.0%
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{ZARA, Chanel, Swiss} -> {Dunkin} <=> Confidence: 100.0%
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{ZARA, Swiss, Dunkin} -> {Chanel} <=> Confidence: 50.0%
{ZARA, Swiss, Dunkin} -> {Subway} <=> Confidence: 50.0%
{ZARA, Swiss, Dunkin} -> {Adidas} <=> Confidence: 50.0%
{ZARA, Swiss, Dunkin} -> {Samsung} <=> Confidence: 50.0%
{Microsoft, Swiss, ZARA} -> {Chanel} <=> Confidence: 100.0%
{Microsoft, Swiss, ZARA} -> {Subway} <=> Confidence: 100.0%
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{Microsoft, Swiss, ZARA} -> {Dunkin} <=> Confidence: 100.0%
{ZARA, Subway} -> {Swiss, Dunkin} <=> Confidence: 100.0%
{ZARA, Subway, Swiss} -> {Dunkin} <=> Confidence: 100.0%
{ZARA, Subway, Dunkin} -> {Swiss} <=> Confidence: 100.0%
{GUCCI, Audi, Starbucks} -> {Titan} <=> Confidence: 100.0%
{GUCCI, Audi, Starbucks} -> {OnePlus} <=> Confidence: 100.0%
{GUCCI, Audi, Starbucks} -> {Vivo} <=> Confidence: 100.0%
{GUCCI, Audi, Titan} -> {Starbucks} <=> Confidence: 100.0%
{GUCCI, Audi, Titan} -> {OnePlus} <=> Confidence: 100.0%
{GUCCI, Audi, Titan} -> {Vivo} <=> Confidence: 100.0%
{Audi, Starbucks, Titan} -> {GUCCI} <=> Confidence: 100.0%
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{Audi, Starbucks, Titan} -> {GUCCI, OnePlus} <=> Confidence: 100.0%
{Audi, Starbucks, Titan} -> {Vivo, GUCCI} <=> Confidence: 100.0%
{Audi, Starbucks, Titan} -> {Vivo, OnePlus} <=> Confidence: 100.0%
{Audi, Starbucks, Titan} -> {Vivo, GUCCI, OnePlus} <=> Confidence: 100.0%
{GUCCI, Starbucks, OnePlus} -> {Titan} <=> Confidence: 100.0%
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{GUCCI, Starbucks, OnePlus} -> {Vivo} <=> Confidence: 100.0%
{GUCCI, Starbucks, OnePlus} -> {Audi, Titan} <=> Confidence: 100.0%
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{GUCCI, Titan, OnePlus} -> {Vivo} <=> Confidence: 100.0%
{Starbucks, Titan, OnePlus} -> {GUCCI} <=> Confidence: 100.0%
{Starbucks, Titan, OnePlus} -> {Audi} <=> Confidence: 100.0%
{Starbucks, Titan, OnePlus} -> {Vivo} <=> Confidence: 100.0%
{GUCCI, Starbucks, Vivo} -> {Titan} <=> Confidence: 100.0%
{GUCCI, Starbucks, Vivo} -> {Audi} <=> Confidence: 100.0%
{GUCCI, Starbucks, Vivo} -> {OnePlus} <=> Confidence: 100.0%
{GUCCI, Titan, Vivo} -> {Starbucks} <=> Confidence: 100.0%
{Starbucks, Titan, Vivo} -> {GUCCI} <=> Confidence: 100.0%
{Starbucks, Titan, Vivo} -> {Audi} <=> Confidence: 100.0%
{Starbucks, Titan, Vivo} -> {OnePlus} <=> Confidence: 100.0%
{Audi, Starbucks, OnePlus} -> {Titan} <=> Confidence: 50.0%
{Audi, Starbucks, OnePlus} -> {GUCCI} <=> Confidence: 50.0%
{Audi, Starbucks, OnePlus} -> {Vivo} <=> Confidence: 50.0%
{Audi, Starbucks, OnePlus} -> {BMW} <=> Confidence: 50.0%
{Audi, Starbucks, OnePlus} -> {Hublot} <=> Confidence: 50.0%
{Audi, Starbucks, OnePlus} -> {GUCCI, Titan} <=> Confidence: 50.0%
{Audi, Starbucks, OnePlus} -> {Vivo, GUCCI} <=> Confidence: 50.0%
{Audi, Starbucks, OnePlus} -> {Vivo, Titan} <=> Confidence: 50.0%
{Audi, Starbucks, OnePlus} -> {BMW, Hublot} <=> Confidence: 50.0%
```

```
{Audi, Starbucks, OnePlus} -> {Vivo, GUCCI, Titan} <=> Confidence: 50.0%
{Audi, Titan, OnePlus} -> {Starbucks} <=> Confidence: 100.0%
{Audi, Titan, OnePlus} -> {GUCCI} <=> Confidence: 100.0%
{Audi, Titan, OnePlus} -> {Vivo} <=> Confidence: 100.0%
{Audi, Starbucks, Vivo} -> {Titan} <=> Confidence: 100.0%
{Audi, Starbucks, Vivo} -> {GUCCI} <=> Confidence: 100.0%
{Audi, Starbucks, Vivo} -> {OnePlus} <=> Confidence: 100.0%
{Audi, Titan, Vivo} -> {Starbucks} <=> Confidence: 100.0%
{Starbucks, Vivo, OnePlus} -> {Titan} <=> Confidence: 100.0%
{Starbucks, Vivo, OnePlus} -> {GUCCI} <=> Confidence: 100.0%
{Starbucks, Vivo, OnePlus} -> {Audi} <=> Confidence: 100.0%
{Titan, Vivo, OnePlus} -> {Starbucks} <=> Confidence: 100.0%
{GUCCI, Audi, OnePlus} -> {Starbucks} <=> Confidence: 100.0%
{GUCCI, Audi, OnePlus} -> {Titan} <=> Confidence: 100.0%
{GUCCI, Audi, OnePlus} -> {Vivo} <=> Confidence: 100.0%
{GUCCI, Audi, Vivo} -> {Starbucks} <=> Confidence: 100.0%
{GUCCI, Audi, Vivo} -> {Titan} <=> Confidence: 100.0%
{GUCCI, Audi, Vivo} -> {OnePlus} <=> Confidence: 100.0%
{GUCCI, Vivo, OnePlus} -> {Starbucks} <=> Confidence: 100.0%
{GUCCI, Vivo, OnePlus} -> {Titan} <=> Confidence: 100.0%
{GUCCI, Vivo, OnePlus} -> {Audi} <=> Confidence: 100.0%
{GUCCI, IHOP, Starbucks} -> {ROG} <=> Confidence: 100.0%
{GUCCI, IHOP, Starbucks} -> {Fossil} <=> Confidence: 100.0%
{GUCCI, IHOP, Starbucks} -> {Hermes} <=> Confidence: 100.0%
{GUCCI, IHOP, ROG} -> {Starbucks} <=> Confidence: 100.0%
{GUCCI, IHOP, ROG} -> {Fossil} <=> Confidence: 100.0%
{GUCCI, IHOP, ROG} -> {Hermes} <=> Confidence: 100.0%
{GUCCI, IHOP, ROG} -> {Starbucks, Fossil} <=> Confidence: 100.0%
{GUCCI, IHOP, ROG} -> {Starbucks, Hermes} <=> Confidence: 100.0%
{GUCCI, IHOP, ROG} -> {Hermes, Fossil} <=> Confidence: 100.0%
{GUCCI, IHOP, ROG} -> {Starbucks, Hermes, Fossil} <=> Confidence: 100.0%
{GUCCI, Starbucks, ROG} -> {IHOP} <=> Confidence: 100.0%
{GUCCI, Starbucks, ROG} -> {Fossil} <=> Confidence: 100.0%
{GUCCI, Starbucks, ROG} -> {Hermes} <=> Confidence: 100.0%
{GUCCI, Starbucks, ROG} -> {IHOP, Fossil} <=> Confidence: 100.0%
{GUCCI, Starbucks, ROG} -> {Hermes, IHOP} <=> Confidence: 100.0%
{GUCCI, Starbucks, ROG} -> {Hermes, Fossil} <=> Confidence: 100.0%
{GUCCI, Starbucks, ROG} -> {Hermes, IHOP, Fossil} <=> Confidence: 100.0%
{IHOP, Starbucks, ROG} -> {GUCCI} <=> Confidence: 100.0%
{IHOP, Starbucks, ROG} -> {Fossil} <=> Confidence: 100.0%
{IHOP, Starbucks, ROG} -> {Hermes} <=> Confidence: 100.0%
{Starbucks, Fossil} -> {GUCCI, IHOP} <=> Confidence: 100.0%
{Starbucks, Fossil} -> {GUCCI, IHOP, ROG} <=> Confidence: 100.0%
{Starbucks, Fossil} -> {GUCCI, Hermes, IHOP} <=> Confidence: 100.0%
{Starbucks, Fossil} -> {GUCCI, Hermes, ROG} <=> Confidence: 100.0%
{Starbucks, Fossil} -> {Hermes, IHOP, ROG} <=> Confidence: 100.0%
```

```
{Starbucks, Fossil} -> {GUCCI, Hermes, IHOP, ROG} <=> Confidence: 100.0%
{GUCCI, IHOP, Fossil} -> {Starbucks} <=> Confidence: 100.0%
{GUCCI, IHOP, Fossil} -> {ROG} <=> Confidence: 100.0%
{GUCCI, IHOP, Fossil} -> {Hermes} <=> Confidence: 100.0%
{GUCCI, IHOP, Fossil} -> {Starbucks, ROG} <=> Confidence: 100.0%
{GUCCI, IHOP, Fossil} -> {Starbucks, Hermes} <=> Confidence: 100.0%
{GUCCI, IHOP, Fossil} -> {Hermes, ROG} <=> Confidence: 100.0%
{GUCCI, IHOP, Fossil} -> {Starbucks, Hermes, ROG} <=> Confidence: 100.0%
{GUCCI, Starbucks, Fossil} -> {IHOP} <=> Confidence: 100.0%
{GUCCI, Starbucks, Fossil} -> {IHOP, ROG} <=> Confidence: 100.0%
{GUCCI, Starbucks, Fossil} -> {Hermes, IHOP} <=> Confidence: 100.0%
{GUCCI, Starbucks, Fossil} -> {Hermes, ROG} <=> Confidence: 100.0%
{GUCCI, Starbucks, Fossil} -> {Hermes, IHOP, ROG} <=> Confidence: 100.0%
{IHOP, Starbucks, Fossil} -> {GUCCI} <=> Confidence: 100.0%
{GUCCI, IHOP, Hermes} -> {Starbucks} <=> Confidence: 100.0%
{GUCCI, IHOP, Hermes} -> {ROG} <=> Confidence: 100.0%
{GUCCI, IHOP, Hermes} -> {Fossil} <=> Confidence: 100.0%
{GUCCI, Starbucks, Hermes} -> {IHOP} <=> Confidence: 100.0%
{GUCCI, Starbucks, Hermes} -> {ROG} <=> Confidence: 100.0%
{GUCCI, Starbucks, Hermes} -> {Fossil} <=> Confidence: 100.0%
{GUCCI, Starbucks, Hermes} -> {IHOP, ROG} <=> Confidence: 100.0%
{GUCCI, Starbucks, Hermes} -> {IHOP, Fossil} <=> Confidence: 100.0%
{GUCCI, Starbucks, Hermes} -> {Fossil, ROG} <=> Confidence: 100.0%
{GUCCI, Starbucks, Hermes} -> {IHOP, Fossil, ROG} <=> Confidence: 100.0%
{IHOP, Starbucks, Hermes} -> {GUCCI} <=> Confidence: 100.0%
{IHOP, Starbucks, Hermes} -> {ROG} <=> Confidence: 100.0%
{IHOP, Starbucks, Hermes} -> {Fossil} <=> Confidence: 100.0%
{GUCCI, Fossil, Starbucks} -> {ROG} <=> Confidence: 100.0%
{GUCCI, Fossil, Starbucks} -> {Hermes} <=> Confidence: 100.0%
{GUCCI, Fossil, ROG} -> {Starbucks} <=> Confidence: 100.0%
{GUCCI, Fossil, ROG} -> {IHOP} <=> Confidence: 100.0%
{GUCCI, Fossil, ROG} -> {Hermes} <=> Confidence: 100.0%
{GUCCI, Fossil, ROG} -> {Starbucks, IHOP} <=> Confidence: 100.0%
{GUCCI, Fossil, ROG} -> {Starbucks, Hermes} <=> Confidence: 100.0%
{GUCCI, Fossil, ROG} -> {Hermes, IHOP} <=> Confidence: 100.0%
{GUCCI, Fossil, ROG} -> {Starbucks, Hermes, IHOP} <=> Confidence: 100.0%
{Fossil, Starbucks, ROG} -> {GUCCI} <=> Confidence: 100.0%
{Fossil, Starbucks, ROG} -> {IHOP} <=> Confidence: 100.0%
{Fossil, Starbucks, ROG} -> {Hermes} <=> Confidence: 100.0%
{GUCCI, Hermes, ROG} -> {Starbucks} <=> Confidence: 100.0%
{GUCCI, Hermes, ROG} -> {IHOP} <=> Confidence: 100.0%
{GUCCI, Hermes, ROG} -> {Fossil} <=> Confidence: 100.0%
{GUCCI, Hermes, ROG} -> {Starbucks, IHOP} <=> Confidence: 100.0%
{GUCCI, Hermes, ROG} -> {Starbucks, Fossil} <=> Confidence: 100.0%
{GUCCI, Hermes, ROG} -> {IHOP, Fossil} <=> Confidence: 100.0%
{GUCCI, Hermes, ROG} -> {Starbucks, IHOP, Fossil} <=> Confidence: 100.0%
```

```
{Starbucks, Hermes, ROG} -> {GUCCI} <=> Confidence: 100.0%
{Starbucks, Hermes, ROG} -> {IHOP} <=> Confidence: 100.0%
{Starbucks, Hermes, ROG} -> {Fossil} <=> Confidence: 100.0%
{Starbucks, Hermes, ROG} -> {GUCCI, IHOP} <=> Confidence: 100.0%
{Starbucks, Hermes, ROG} -> {GUCCI, Fossil} <=> Confidence: 100.0%
{Starbucks, Hermes, ROG} -> {IHOP, Fossil} <=> Confidence: 100.0%
{Starbucks, Hermes, ROG} -> {GUCCI, IHOP, Fossil} <=> Confidence: 100.0%
{GUCCI, Fossil, Hermes} -> {Starbucks} <=> Confidence: 100.0%
{GUCCI, Fossil, Hermes} -> {ROG} <=> Confidence: 100.0%
{Fossil, Starbucks, Hermes} -> {GUCCI} <=> Confidence: 100.0%
{Fossil, Starbucks, Hermes} -> {IHOP} <=> Confidence: 100.0%
{Fossil, Starbucks, Hermes} -> {ROG} <=> Confidence: 100.0%
{Audi, Vivo, OnePlus} -> {Starbucks} <=> Confidence: 100.0%
{Audi, Vivo, OnePlus} -> {Titan} <=> Confidence: 100.0%
{Audi, Vivo, OnePlus} -> {GUCCI} <=> Confidence: 100.0%
{Audi, Vivo, OnePlus} -> {GUCCI, Starbucks} <=> Confidence: 100.0%
{Audi, Vivo, OnePlus} -> {GUCCI, Titan} <=> Confidence: 100.0%
{Audi, Vivo, OnePlus} -> {Starbucks, Titan} <=> Confidence: 100.0%
{Audi, Vivo, OnePlus} -> {GUCCI, Starbucks, Titan} <=> Confidence: 100.0%
{Audi, Starbucks, BMW} -> {OnePlus} <=> Confidence: 100.0%
{Audi, Starbucks, BMW} -> {Hublot} <=> Confidence: 100.0%
{Audi, BMW, OnePlus} -> {Starbucks} <=> Confidence: 100.0%
{Audi, BMW, OnePlus} -> {Hublot} <=> Confidence: 100.0%
{Audi, BMW, OnePlus} -> {Hublot, Starbucks} <=> Confidence: 100.0%
{Starbucks, BMW, OnePlus} -> {Audi} <=> Confidence: 100.0%
{Starbucks, BMW, OnePlus} -> {Hublot} <=> Confidence: 100.0%
{Hublot, Audi, Starbucks} -> {OnePlus} <=> Confidence: 100.0%
{Hublot, Audi, Starbucks} -> {BMW} <=> Confidence: 100.0%
{Hublot, Audi, OnePlus} -> {Starbucks} <=> Confidence: 100.0%
{Hublot, Audi, OnePlus} -> {BMW} <=> Confidence: 100.0%
{Hublot, Starbucks, OnePlus} -> {Audi} <=> Confidence: 100.0%
{Hublot, Starbucks, OnePlus} -> {BMW} <=> Confidence: 100.0%
{Hublot, Starbucks, OnePlus} -> {Audi, BMW} <=> Confidence: 100.0%
{Hublot, Audi, BMW} -> {Starbucks} <=> Confidence: 100.0%
{Hublot, Audi, BMW} -> {OnePlus} <=> Confidence: 100.0%
{Hublot, Starbucks, BMW} -> {Audi} <=> Confidence: 100.0%
{Hublot, Starbucks, BMW} -> {OnePlus} <=> Confidence: 100.0%
{Hublot, BMW, OnePlus} -> {Starbucks} <=> Confidence: 100.0%
{Hublot, BMW, OnePlus} -> {Audi} <=> Confidence: 100.0%
{IHOP, Fossil, Starbucks} -> {ROG} <=> Confidence: 100.0%
{IHOP, Fossil, Starbucks} -> {Hermes} <=> Confidence: 100.0%
{IHOP, Fossil, ROG} -> {Starbucks} <=> Confidence: 100.0%
{IHOP, Fossil, ROG} -> {GUCCI} <=> Confidence: 100.0%
{IHOP, Fossil, ROG} -> {Hermes} <=> Confidence: 100.0%
{IHOP, Fossil, ROG} -> {GUCCI, Starbucks} <=> Confidence: 100.0%
{IHOP, Fossil, ROG} -> {GUCCI, Hermes} <=> Confidence: 100.0%
```

```
{IHOP, Fossil, ROG} -> {Starbucks, Hermes} <=> Confidence: 100.0%
{IHOP, Fossil, ROG} -> {GUCCI, Starbucks, Hermes} <=> Confidence: 100.0%
{IHOP, Hermes, ROG} -> {Starbucks} <=> Confidence: 100.0%
{IHOP, Hermes, ROG} -> {GUCCI} <=> Confidence: 100.0%
{IHOP, Hermes, ROG} -> {Fossil} <=> Confidence: 100.0%
{IHOP, Fossil, Hermes} -> {Starbucks} <=> Confidence: 100.0%
{IHOP, Fossil, Hermes} -> {ROG} <=> Confidence: 100.0%
{Fossil, Hermes, ROG} -> {Starbucks} <=> Confidence: 100.0%
{Fossil, Hermes, ROG} -> {GUCCI} <=> Confidence: 100.0%
{Fossil, Hermes, ROG} -> {IHOP} <=> Confidence: 100.0%
{GUCCI, Vivo, Titan} -> {Audi} <=> Confidence: 100.0%
{GUCCI, Vivo, Titan} -> {OnePlus} <=> Confidence: 100.0%
{Audi, Vivo, Titan} -> {GUCCI} <=> Confidence: 100.0%
{Audi, Vivo, Titan} -> {OnePlus} <=> Confidence: 100.0%
{Audi, Vivo, Titan} -> {GUCCI, Starbucks} <=> Confidence: 100.0%
{Audi, Vivo, Titan} -> {GUCCI, OnePlus} <=> Confidence: 100.0%
{Audi, Vivo, Titan} -> {Starbucks, OnePlus} <=> Confidence: 100.0%
{Audi, Vivo, Titan} -> {GUCCI, Starbucks, OnePlus} <=> Confidence: 100.0%
{Vivo, Titan, OnePlus} -> {GUCCI} <=> Confidence: 100.0%
{Vivo, Titan, OnePlus} -> {Audi} <=> Confidence: 100.0%
{Dunkin, Puma} -> {Titan, Omega} <=> Confidence: 100.0%
{Dunkin, Puma} -> {Chipotle, Omega} <=> Confidence: 100.0%
{Dunkin, Puma} -> {Omega, Titan, Chipotle} <=> Confidence: 100.0%
{Dunkin, Titan} -> {Puma, Omega} <=> Confidence: 100.0%
{Dunkin, Titan} -> {Chipotle, Omega} <=> Confidence: 100.0%
{Dunkin, Titan} -> {Omega, Puma, Chipotle} <=> Confidence: 100.0%
{Dunkin, Omega} -> {Puma, Titan} <=> Confidence: 100.0%
{Dunkin, Omega} -> {Chipotle, Titan} <=> Confidence: 100.0%
{Dunkin, Omega} -> {Chipotle, Puma} <=> Confidence: 100.0%
{Dunkin, Puma, Titan} -> {Omega} <=> Confidence: 100.0%
{Dunkin, Puma, Titan} -> {Omega, Chipotle} <=> Confidence: 100.0%
{Dunkin, Puma, Omega} -> {Titan} <=> Confidence: 100.0%
{Dunkin, Puma, Omega} -> {Chipotle} <=> Confidence: 100.0%
{Dunkin, Titan, Omega} -> {Puma} <=> Confidence: 100.0%
{Dunkin, Titan, Omega} -> {Chipotle} <=> Confidence: 100.0%
{Puma, Titan, Omega} -> {Dunkin} <=> Confidence: 100.0%
{Puma, Titan, Omega} -> {Chipotle} <=> Confidence: 100.0%
{Dunkin, Chipotle} -> {Titan, Omega} <=> Confidence: 100.0%
{Dunkin, Chipotle} -> {Puma, Omega} <=> Confidence: 100.0%
{Dunkin, Chipotle} -> {Omega, Puma, Titan} <=> Confidence: 100.0%
{Dunkin, Chipotle, Titan} -> {Omega} <=> Confidence: 100.0%
{Dunkin, Chipotle, Omega} -> {Titan} <=> Confidence: 100.0%
{Dunkin, Chipotle, Omega} -> {Puma} <=> Confidence: 100.0%
{Chipotle, Titan, Omega} -> {Dunkin} <=> Confidence: 100.0%
{Chipotle, Titan, Omega} -> {Puma} <=> Confidence: 100.0%
{Chipotle, Puma, Titan} -> {Omega} <=> Confidence: 100.0%
```

```
{Chipotle, Puma, Titan} -> {Dunkin} <=> Confidence: 100.0%
{Chipotle, Puma, Omega} -> {Titan} <=> Confidence: 100.0%
{Chipotle, Puma, Omega} -> {Dunkin} <=> Confidence: 100.0%
{Chipotle, Puma, Dunkin} -> {Titan} <=> Confidence: 100.0%
{Chipotle, Titan, Dunkin} -> {Puma} <=> Confidence: 100.0%
{Puma, Titan, Dunkin} -> {Chipotle} <=> Confidence: 100.0%
{Hermes, Fossil} -> {GUCCI, IHOP} <=> Confidence: 50.0%
{Hermes, Fossil} -> {GUCCI, Starbucks, IHOP} <=> Confidence: 50.0%
{Hermes, Fossil} -> {GUCCI, Starbucks, ROG} <=> Confidence: 50.0%
{Hermes, Fossil} -> {GUCCI, IHOP, ROG} <=> Confidence: 50.0%
{Hermes, Fossil} -> {Starbucks, IHOP, ROG} <=> Confidence: 50.0%
{Hermes, Fossil} -> {Swiss, Tata, Pagani} <=> Confidence: 50.0%
{Hermes, Fossil} -> {GUCCI, Starbucks, IHOP, ROG} <=> Confidence: 50.0%
{GUCCI, Hermes, Fossil} -> {IHOP} <=> Confidence: 100.0%
{GUCCI, Hermes, Fossil} -> {Starbucks, IHOP} <=> Confidence: 100.0%
{GUCCI, Hermes, Fossil} -> {Starbucks, ROG} <=> Confidence: 100.0%
{GUCCI, Hermes, Fossil} -> {IHOP, ROG} <=> Confidence: 100.0%
{GUCCI, Hermes, Fossil} -> {Starbucks, IHOP, ROG} <=> Confidence: 100.0%
{IHOP, Hermes, Fossil} -> {GUCCI} <=> Confidence: 100.0%
{IHOP, Casio, Rolex} -> {Dior} <=> Confidence: 100.0%
{IHOP, Casio, Rolex} -> {Dominos} <=> Confidence: 100.0%
{IHOP, Casio, Dior} -> {Rolex} <=> Confidence: 100.0%
{IHOP, Casio, Dior} -> {Dominos} <=> Confidence: 100.0%
{IHOP, Rolex, Dior} -> {Casio} <=> Confidence: 100.0%
{IHOP, Rolex, Dior} -> {Dominos} <=> Confidence: 100.0%
{Casio, Rolex, Dior} -> {IHOP} <=> Confidence: 100.0%
{Casio, Rolex, Dior} -> {Dominos} <=> Confidence: 100.0%
{Casio, Rolex, Dior} -> {Dominos, IHOP} <=> Confidence: 100.0%
{IHOP, Casio, Dominos} -> {Rolex} <=> Confidence: 100.0%
{IHOP, Casio, Dominos} -> {Dior} <=> Confidence: 100.0%
{IHOP, Rolex, Dominos} -> {Casio} <=> Confidence: 100.0%
{IHOP, Rolex, Dominos} -> {Dior} <=> Confidence: 100.0%
{Casio, Rolex, Dominos} -> {IHOP} <=> Confidence: 100.0%
{Casio, Rolex, Dominos} -> {Dior} <=> Confidence: 100.0%
{Casio, Rolex, Dominos} -> {IHOP, Dior} <=> Confidence: 100.0%
{IHOP, Dominos, Dior} -> {Rolex} <=> Confidence: 100.0%
{IHOP, Dominos, Dior} -> {Casio} <=> Confidence: 100.0%
{Rolex, Dominos, Dior} -> {IHOP} <=> Confidence: 100.0%
{Rolex, Dominos, Dior} -> {Casio} <=> Confidence: 100.0%
{Rolex, Dominos, Dior} -> {Casio, IHOP} <=> Confidence: 100.0%
{Casio, Dominos, Dior} -> {Rolex} <=> Confidence: 100.0%
{Casio, Dominos, Dior} -> {IHOP} <=> Confidence: 100.0%
{Casio, Dominos, Dior} -> {Rolex, IHOP} <=> Confidence: 100.0%
{Hublot, Poco, Adidas} -> {BMW} <=> Confidence: 100.0%
{Hublot, Poco, Adidas} -> {KFC} <=> Confidence: 100.0%
{Hublot, Poco, BMW} -> {Adidas} <=> Confidence: 100.0%
```

```
{Hublot, Poco, BMW} -> {KFC} <=> Confidence: 100.0%
{Hublot, Adidas, BMW} -> {Poco} <=> Confidence: 100.0%
{Hublot, Adidas, BMW} -> {KFC} <=> Confidence: 100.0%
{Poco, Adidas, BMW} -> {Hublot} <=> Confidence: 100.0%
{Poco, Adidas, BMW} -> {KFC} <=> Confidence: 100.0%
{Hublot, KFC, Poco} -> {BMW} <=> Confidence: 100.0%
{Hublot, KFC, Poco} -> {Adidas} <=> Confidence: 100.0%
{Hublot, KFC, BMW} -> {Poco} <=> Confidence: 100.0%
{Hublot, KFC, BMW} -> {Adidas} <=> Confidence: 100.0%
{KFC, Poco, BMW} -> {Hublot} <=> Confidence: 100.0%
{KFC, Poco, BMW} -> {Adidas} <=> Confidence: 100.0%
{KFC, Poco, Adidas} -> {BMW} <=> Confidence: 100.0%
{KFC, Poco, Adidas} -> {Hublot} <=> Confidence: 100.0%
{KFC, Adidas, BMW} -> {Poco} <=> Confidence: 100.0%
{KFC, Adidas, BMW} -> {Hublot} <=> Confidence: 100.0%
{Hublot, KFC, Adidas} -> {Poco} <=> Confidence: 50.0%
{Hublot, KFC, Adidas} -> {BMW} <=> Confidence: 50.0%
{Hublot, KFC, Adidas} -> {Samsung} <=> Confidence: 50.0%
{Hublot, KFC, Adidas} -> {Nike} <=> Confidence: 50.0%
{Hublot, KFC, Adidas} -> {McD} <=> Confidence: 50.0%
{H&M, Popeyes, Tissot} -> {Bugatti} <=> Confidence: 66.67%
\{H\&M, Popeyes, Tissot\} \rightarrow \{ROG\} \iff Confidence: 33.33\%
{H&M, Popeyes, Tissot} -> {KFC} <=> Confidence: 33.33%
{H&M, Popeyes, Tissot} -> {Coach, Bugatti} <=> Confidence: 33.33%
{H&M, Popeyes, Tissot} -> {KFC, ROG} <=> Confidence: 33.33%
{H&M, Popeves, ROG} -> {Tissot} <=> Confidence: 100.0%
\{H\&M, Popeyes, ROG\} \rightarrow \{KFC\} \iff Confidence: 100.0\%
{H&M, Popeyes, ROG} -> {KFC, Tissot} <=> Confidence: 100.0%
\{H\&M, Tissot, ROG\} \rightarrow \{Popeyes\} \iff Confidence: 100.0\%
{H&M, Tissot, ROG} -> {KFC} <=> Confidence: 100.0%
{H&M, Tissot, ROG} -> {KFC, Popeyes} <=> Confidence: 100.0%
{Popeyes, Tissot, ROG} -> {H&M} <=> Confidence: 100.0%
{Popeyes, Tissot, ROG} -> {KFC} <=> Confidence: 100.0%
{Popeyes, Tissot, ROG} -> {KFC, H&M} <=> Confidence: 100.0%
{KFC, H&M, Popeyes} -> {Tissot} <=> Confidence: 100.0%
{KFC, H&M, Popeyes} -> {ROG} <=> Confidence: 100.0%
{KFC, H&M, Popeyes} -> {Tissot, ROG} <=> Confidence: 100.0%
{KFC, H&M, Tissot} -> {Popeyes} <=> Confidence: 100.0%
{KFC, H&M, Tissot} -> {ROG} <=> Confidence: 100.0%
{KFC, H&M, Tissot} -> {Popeyes, ROG} <=> Confidence: 100.0%
{KFC, Popeyes, Tissot} -> {H&M} <=> Confidence: 100.0%
{KFC, Popeyes, Tissot} -> {ROG} <=> Confidence: 100.0%
{KFC, Popeyes, Tissot} -> {H&M, ROG} <=> Confidence: 100.0%
{KFC, H&M, ROG} -> {Tissot} <=> Confidence: 100.0%
{KFC, H&M, ROG} -> {Popeyes} <=> Confidence: 100.0%
{KFC, H&M, ROG} -> {Popeyes, Tissot} <=> Confidence: 100.0%
```

```
\{KFC, Tissot, ROG\} \rightarrow \{H\&M\} \iff Confidence: 100.0\%
{KFC, Tissot, ROG} -> {Popeyes} <=> Confidence: 100.0%
{KFC, Tissot, ROG} -> {H&M, Popeves} <=> Confidence: 100.0%
{KFC, Popeyes, ROG} -> {Tissot} <=> Confidence: 100.0%
{KFC, Popeyes, ROG} -> {H&M} <=> Confidence: 100.0%
{KFC, Popeyes, ROG} -> {H&M, Tissot} <=> Confidence: 100.0%
{Tata, Swiss, Fossil} -> {Hermes} <=> Confidence: 100.0%
{Tata, Swiss, Hermes} -> {Fossil} <=> Confidence: 100.0%
{Tata, Fossil, Hermes} -> {Swiss} <=> Confidence: 100.0%
{Tata, Fossil, Hermes} -> {Pagani} <=> Confidence: 100.0%
{Swiss, Fossil, Hermes} -> {Tata} <=> Confidence: 100.0%
{Swiss, Fossil, Hermes} -> {Pagani} <=> Confidence: 100.0%
{Swiss, Fossil, Pagani} -> {Hermes} <=> Confidence: 100.0%
{Swiss, Pagani, Hermes} -> {Fossil} <=> Confidence: 100.0%
{Swiss, Pagani, Hermes} -> {Tata} <=> Confidence: 100.0%
{Swiss, Pagani, Hermes} -> {Tata, Fossil} <=> Confidence: 100.0%
{Fossil, Pagani, Hermes} -> {Swiss} <=> Confidence: 100.0%
{Fossil, Pagani, Hermes} -> {Tata} <=> Confidence: 100.0%
{Tata, Fossil, Pagani} -> {Hermes} <=> Confidence: 100.0%
{Tata, Fossil, Pagani} -> {Swiss} <=> Confidence: 100.0%
{Tata, Pagani, Hermes} -> {Fossil} <=> Confidence: 100.0%
{Tata, Pagani, Hermes} -> {Swiss} <=> Confidence: 100.0%
{Tata, Pagani, Hermes} -> {Swiss, Fossil} <=> Confidence: 100.0%
{Kia, Puma, Fossil} -> {Omega} <=> Confidence: 100.0%
{Kia, Puma, Omega} -> {Fossil} <=> Confidence: 100.0%
{Kia, Fossil, Omega} -> {Puma} <=> Confidence: 100.0%
{Puma, Fossil, Omega} -> {Kia} <=> Confidence: 100.0%
{Tata, Fossil, Swiss} -> {Pagani} <=> Confidence: 100.0%
{Tata, Pagani, Swiss} -> {Fossil} <=> Confidence: 100.0%
{Fossil, Pagani, Swiss} -> {Tata} <=> Confidence: 100.0%
{Swiss, Tata, Pagani} -> {Hermes} <=> Confidence: 100.0%
{Swiss, Tata, Pagani} -> {Hermes, Fossil} <=> Confidence: 100.0%
{Swiss, Tata, Hermes} -> {Pagani} <=> Confidence: 100.0%
{Swiss, Tata, Hermes} -> {Pagani, Fossil} <=> Confidence: 100.0%
{Hublot, Samsung, KFC} -> {Adidas} <=> Confidence: 100.0%
{Hublot, Samsung, Adidas} -> {KFC} <=> Confidence: 100.0%
{Hublot, Samsung, Adidas} -> {Nike} <=> Confidence: 100.0%
{Hublot, Samsung, Adidas} -> {McD} <=> Confidence: 100.0%
{Samsung, KFC, Adidas} -> {Hublot} <=> Confidence: 100.0%
{Samsung, KFC, Adidas} -> {Nike} <=> Confidence: 100.0%
{Samsung, KFC, Adidas} -> {McD} <=> Confidence: 100.0%
{Hublot, Nike, KFC} -> {Adidas} <=> Confidence: 100.0%
{Hublot, Nike, KFC} -> {Samsung} <=> Confidence: 100.0%
{Hublot, Nike, Adidas} -> {KFC} <=> Confidence: 100.0%
{Hublot, Nike, Adidas} -> {Samsung} <=> Confidence: 100.0%
{Hublot, Nike, Adidas} -> {McD} <=> Confidence: 100.0%
```

```
{Nike, KFC, Adidas} -> {Hublot} <=> Confidence: 100.0%
{Nike, KFC, Adidas} -> {Samsung} <=> Confidence: 100.0%
\{Nike, KFC, Adidas\} \rightarrow \{McD\} \iff Confidence: 100.0\%
{Hublot, McD, KFC} -> {Adidas} <=> Confidence: 100.0%
{Hublot, McD, KFC} -> {Samsung} <=> Confidence: 100.0%
{Hublot, McD, KFC} -> {Nike} <=> Confidence: 100.0%
{Hublot, McD, Adidas} -> {KFC} <=> Confidence: 100.0%
{Hublot, McD, Adidas} -> {Samsung} <=> Confidence: 100.0%
{Hublot, McD, Adidas} -> {Nike} <=> Confidence: 100.0%
{McD, KFC, Adidas} -> {Hublot} <=> Confidence: 100.0%
{McD, KFC, Adidas} -> {Samsung} <=> Confidence: 100.0%
{McD, KFC, Adidas} -> {Nike} <=> Confidence: 100.0%
{Hublot, Nike, Samsung} -> {Adidas} <=> Confidence: 100.0%
{Hublot, Nike, Samsung} -> {KFC} <=> Confidence: 100.0%
{Hublot, Nike, Samsung} -> {McD} <=> Confidence: 100.0%
{Nike, Samsung, Adidas} -> {Hublot} <=> Confidence: 100.0%
{Nike, Samsung, Adidas} -> {KFC} <=> Confidence: 100.0%
{Nike, Samsung, Adidas} -> {McD} <=> Confidence: 100.0%
{Samsung, McD} -> {Hublot, Adidas} <=> Confidence: 100.0%
{Hublot, Samsung, McD} -> {Adidas} <=> Confidence: 100.0%
{Samsung, McD, Adidas} -> {Hublot} <=> Confidence: 100.0%
{Hublot, Nike, McD} -> {Adidas} <=> Confidence: 100.0%
{Hublot, Nike, McD} -> {Samsung} <=> Confidence: 100.0%
{Nike, McD, Adidas} -> {Hublot} <=> Confidence: 100.0%
{Nike, McD, Adidas} -> {KFC} <=> Confidence: 100.0%
{Hublot, KFC, Samsung} -> {Nike} <=> Confidence: 100.0%
{Hublot, KFC, Samsung} -> {McD} <=> Confidence: 100.0%
{Nike, KFC, Samsung} -> {Hublot} <=> Confidence: 100.0%
{Nike, KFC, Samsung} -> {McD} <=> Confidence: 100.0%
{Hublot, McD, Samsung} -> {KFC} <=> Confidence: 100.0%
{Hublot, McD, Samsung} -> {Nike} <=> Confidence: 100.0%
{McD, KFC, Samsung} -> {Hublot} <=> Confidence: 100.0%
{McD, KFC, Samsung} -> {Nike} <=> Confidence: 100.0%
{Hublot, McD, Nike} -> {KFC} <=> Confidence: 100.0%
{Hublot, KFC, Nike} -> {McD} <=> Confidence: 100.0%
{McD, KFC, Nike} -> {Hublot} <=> Confidence: 100.0%
{Nike, McD, Samsung} -> {Hublot} <=> Confidence: 100.0%
\{Nike, McD, Samsung\} \rightarrow \{KFC\} \iff Confidence: 100.0\%
{Dunkin, Chipotle, Puma} -> {Omega} <=> Confidence: 100.0%
{Dunkin, ZARA} -> {Microsoft, Swiss} <=> Confidence: 50.0%
{Dunkin, ZARA} -> {Chanel, Microsoft, Subway} <=> Confidence: 50.0%
{Dunkin, ZARA} -> {Chanel, Swiss, Subway} <=> Confidence: 50.0%
{Dunkin, ZARA} -> {Chanel, Swiss, Microsoft} <=> Confidence: 50.0%
{Dunkin, ZARA} -> {Swiss, Microsoft, Subway} <=> Confidence: 50.0%
{Dunkin, ZARA} -> {Swiss, Adidas, Samsung} <=> Confidence: 50.0%
{Dunkin, ZARA} -> {Chanel, Swiss, Microsoft, Subway} <=> Confidence: 50.0%
```

```
{Microsoft, Dunkin, ZARA} -> {Swiss} <=> Confidence: 100.0%
{Swiss, Dunkin, ZARA} -> {Microsoft} <=> Confidence: 50.0%
{Swiss, Dunkin, ZARA} -> {Chanel, Subway} <=> Confidence: 50.0%
{Swiss, Dunkin, ZARA} -> {Chanel, Microsoft} <=> Confidence: 50.0%
{Swiss, Dunkin, ZARA} -> {Microsoft, Subway} <=> Confidence: 50.0%
{Swiss, Dunkin, ZARA} -> {Adidas, Samsung} <=> Confidence: 50.0%
{Swiss, Dunkin, ZARA} -> {Chanel, Microsoft, Subway} <=> Confidence: 50.0%
{Adidas, Swiss} -> {ZARA, Dunkin} <=> Confidence: 100.0%
{Adidas, Swiss} -> {Samsung, Dunkin} <=> Confidence: 100.0%
{Adidas, Swiss} -> {Samsung, ZARA} <=> Confidence: 100.0%
{ZARA, Adidas, Swiss} -> {Dunkin} <=> Confidence: 100.0%
{ZARA, Adidas, Dunkin} -> {Swiss} <=> Confidence: 100.0%
{Adidas, Swiss, Dunkin} -> {ZARA} <=> Confidence: 100.0%
{Adidas, Swiss, Dunkin} -> {Samsung} <=> Confidence: 100.0%
{ZARA, Samsung, Swiss} -> {Dunkin} <=> Confidence: 100.0%
{ZARA, Samsung, Dunkin} -> {Swiss} <=> Confidence: 100.0%
{Samsung, Swiss, Dunkin} -> {ZARA} <=> Confidence: 100.0%
{Samsung, Swiss, Dunkin} -> {Adidas} <=> Confidence: 100.0%
{Adidas, Samsung} -> {Swiss, Dunkin} <=> Confidence: 50.0%
{Adidas, Samsung} -> {ZARA, Dunkin} <=> Confidence: 50.0%
{Adidas, Samsung} -> {Swiss, ZARA} <=> Confidence: 50.0%
{Adidas, Samsung} -> {Swiss, Dunkin, ZARA} <=> Confidence: 50.0%
{Adidas, Samsung} -> {KFC, Nike, Hublot} <=> Confidence: 50.0%
{Adidas, Samsung} -> {KFC, McD, Hublot} <=> Confidence: 50.0%
{Adidas, Samsung} -> {McD, Nike, Hublot} <=> Confidence: 50.0%
{Adidas, Samsung} -> {KFC, McD, Nike} <=> Confidence: 50.0%
{Adidas, Samsung} -> {KFC, McD, Nike, Hublot} <=> Confidence: 50.0%
{Adidas, Samsung, Swiss} -> {Dunkin} <=> Confidence: 100.0%
{Adidas, Samsung, Swiss} -> {ZARA} <=> Confidence: 100.0%
{Adidas, Samsung, Dunkin} -> {Swiss} <=> Confidence: 100.0%
{Adidas, Samsung, Dunkin} -> {ZARA} <=> Confidence: 100.0%
{Adidas, Samsung, ZARA} -> {Dunkin} <=> Confidence: 100.0%
{Adidas, Samsung, ZARA} -> {Swiss} <=> Confidence: 100.0%
{Adidas, Samsung, ZARA} -> {Swiss, Dunkin} <=> Confidence: 100.0%
{Adidas, ZARA, Dunkin} -> {Samsung} <=> Confidence: 100.0%
{Samsung, ZARA, Dunkin} -> {Adidas} <=> Confidence: 100.0%
{Adidas, Swiss, ZARA} -> {Samsung} <=> Confidence: 100.0%
{Samsung, Swiss, ZARA} -> {Adidas} <=> Confidence: 100.0%
{Nike, Samsung, KFC} -> {Adidas} <=> Confidence: 100.0%
{McD, Samsung, KFC} -> {Adidas} <=> Confidence: 100.0%
{McD, Samsung, Adidas} -> {KFC} <=> Confidence: 100.0%
{McD, Samsung, Adidas} -> {Nike} <=> Confidence: 100.0%
{Nike, McD, KFC} -> {Adidas} <=> Confidence: 100.0%
{Nike, McD, KFC} -> {Samsung} <=> Confidence: 100.0%
{McD, Nike, Samsung} -> {Adidas} <=> Confidence: 100.0%
{McD, Nike, Samsung} -> {Hublot, Adidas} <=> Confidence: 100.0%
```

```
{McD, Nike, Samsung} -> {KFC, Hublot} <=> Confidence: 100.0%
{McD, Nike, Samsung} -> {KFC, Adidas} <=> Confidence: 100.0%
{McD, Nike, Samsung} -> {KFC, Hublot, Adidas} <=> Confidence: 100.0%
{McD, Nike, Adidas} -> {Samsung} <=> Confidence: 100.0%
{McD, Nike, Adidas} -> {KFC, Hublot} <=> Confidence: 100.0%
{McD, Nike, Adidas} -> {Hublot, Samsung} <=> Confidence: 100.0%
{McD, Nike, Adidas} -> {KFC, Samsung} <=> Confidence: 100.0%
{McD, Nike, Adidas} -> {KFC, Hublot, Samsung} <=> Confidence: 100.0%
{Chanel, Subway} -> {IQOO, Tesla, Coach} <=> Confidence: 33.33%
{Chanel, Subway} -> {IQOO, Tesla, Xiaomi} <=> Confidence: 33.33%
{Chanel, Subway} -> {IQOO, Coach, Xiaomi} <=> Confidence: 33.33%
{Chanel, Subway} -> {Tesla, Coach, Xiaomi} <=> Confidence: 33.33%
{Chanel, Subway} -> {Swiss, Dunkin, Microsoft} <=> Confidence: 33.33%
{Chanel, Subway} -> {Dunkin, Microsoft, ZARA} <=> Confidence: 33.33%
{Chanel, Subway} -> {Swiss, Microsoft, ZARA} <=> Confidence: 33.33%
{Chanel, Subway} -> {Swiss, Dunkin, ZARA} <=> Confidence: 33.33%
{Chanel, Subway} -> {IQOO, Tesla, Coach, Xiaomi} <=> Confidence: 33.33%
{Chanel, Subway} -> {Swiss, Dunkin, Microsoft, ZARA} <=> Confidence: 33.33%
{Tesla, Subway} -> {IQOO, Chanel, Coach} <=> Confidence: 100.0%
{Tesla, Subway} -> {IQOO, Chanel, Xiaomi} <=> Confidence: 100.0%
{Tesla, Subway} -> {IQOO, Coach, Xiaomi} <=> Confidence: 100.0%
{Tesla, Subway} -> {Chanel, Coach, Xiaomi} <=> Confidence: 100.0%
{Tesla, Subway} -> {IQOO, Chanel, Coach, Xiaomi} <=> Confidence: 100.0%
{Coach, Subway} -> {IQOO, Chanel, Tesla} <=> Confidence: 50.0%
{Coach, Subway} -> {IQOO, Chanel, Xiaomi} <=> Confidence: 50.0%
{Coach, Subway} -> {IOOO, Tesla, Xiaomi} <=> Confidence: 50.0%
{Coach, Subway} -> {Chanel, Tesla, Xiaomi} <=> Confidence: 50.0%
{Coach, Subway} -> {IOOO, Chanel, Tesla, Xiaomi} <=> Confidence: 50.0%
{IQOO, Chanel, Subway} -> {Tesla, Coach} <=> Confidence: 100.0%
{IQOO, Chanel, Subway} -> {Tesla, Xiaomi} <=> Confidence: 100.0%
{IQOO, Chanel, Subway} -> {Coach, Xiaomi} <=> Confidence: 100.0%
{IQOO, Chanel, Subway} -> {Tesla, Coach, Xiaomi} <=> Confidence: 100.0%
{IQOO, Tesla, Subway} -> {Chanel, Coach} <=> Confidence: 100.0%
{IQOO, Tesla, Subway} -> {Chanel, Xiaomi} <=> Confidence: 100.0%
{IQOO, Tesla, Subway} -> {Coach, Xiaomi} <=> Confidence: 100.0%
{IQOO, Tesla, Subway} -> {Chanel, Coach, Xiaomi} <=> Confidence: 100.0%
{IQOO, Coach, Subway} -> {Chanel, Tesla} <=> Confidence: 100.0%
{IOOO, Coach, Subway} -> {Chanel, Xiaomi} <=> Confidence: 100.0%
{IQOO, Coach, Subway} -> {Tesla, Xiaomi} <=> Confidence: 100.0%
{IQOO, Coach, Subway} -> {Chanel, Tesla, Xiaomi} <=> Confidence: 100.0%
{Chanel, Tesla, Subway} -> {IQOO, Coach} <=> Confidence: 100.0%
{Chanel, Tesla, Subway} -> {IQOO, Xiaomi} <=> Confidence: 100.0%
{Chanel, Tesla, Subway} -> {Coach, Xiaomi} <=> Confidence: 100.0%
{Chanel, Tesla, Subway} -> {IQOO, Coach, Xiaomi} <=> Confidence: 100.0%
{Chanel, Coach, Subway} -> {IQOO, Tesla} <=> Confidence: 50.0%
{Chanel, Coach, Subway} -> {IOOO, Xiaomi} <=> Confidence: 50.0%
```

```
{Chanel, Coach, Subway} -> {Tesla, Xiaomi} <=> Confidence: 50.0%
{Chanel, Coach, Subway} -> {IQOO, Tesla, Xiaomi} <=> Confidence: 50.0%
{Tesla, Coach, Subway} -> {IOOO, Chanel} <=> Confidence: 100.0%
{Tesla, Coach, Subway} -> {IQOO, Xiaomi} <=> Confidence: 100.0%
{Tesla, Coach, Subway} -> {Chanel, Xiaomi} <=> Confidence: 100.0%
{Tesla, Coach, Subway} -> {IQOO, Chanel, Xiaomi} <=> Confidence: 100.0%
{IQOO, Chanel, Tesla, Coach} -> {Subway} <=> Confidence: 100.0%
{IQOO, Chanel, Tesla, Coach} -> {Xiaomi} <=> Confidence: 100.0%
{IQOO, Chanel, Tesla, Coach} -> {Subway, Xiaomi} <=> Confidence: 100.0%
{IQOO, Chanel, Tesla, Subway} -> {Coach} <=> Confidence: 100.0%
{IQOO, Chanel, Tesla, Subway} -> {Xiaomi} <=> Confidence: 100.0%
{IQOO, Chanel, Tesla, Subway} -> {Coach, Xiaomi} <=> Confidence: 100.0%
{IQOO, Chanel, Coach, Subway} -> {Tesla} <=> Confidence: 100.0%
{IQOO, Chanel, Coach, Subway} -> {Xiaomi} <=> Confidence: 100.0%
{IQOO, Chanel, Coach, Subway} -> {Tesla, Xiaomi} <=> Confidence: 100.0%
{IOOO, Tesla, Coach, Subway} -> {Chanel} <=> Confidence: 100.0%
{IQOO, Tesla, Coach, Subway} -> {Xiaomi} <=> Confidence: 100.0%
{IQOO, Tesla, Coach, Subway} -> {Chanel, Xiaomi} <=> Confidence: 100.0%
{Chanel, Tesla, Coach, Subway} -> {IQOO} <=> Confidence: 100.0%
{Chanel, Tesla, Coach, Subway} -> {Xiaomi} <=> Confidence: 100.0%
{Chanel, Tesla, Coach, Subway} -> {IQOO, Xiaomi} <=> Confidence: 100.0%
{Tesla, Xiaomi} -> {IQOO, Chanel, Coach} <=> Confidence: 100.0%
{Tesla, Xiaomi} -> {IQOO, Chanel, Subway} <=> Confidence: 100.0%
{Tesla, Xiaomi} -> {IQOO, Coach, Subway} <=> Confidence: 100.0%
{Tesla, Xiaomi} -> {Chanel, Coach, Subway} <=> Confidence: 100.0%
{Tesla, Xiaomi} -> {IOOO, Chanel, Coach, Subway} <=> Confidence: 100.0%
{Coach, Xiaomi} -> {IQOO, Chanel, Tesla} <=> Confidence: 100.0%
{Coach, Xiaomi} -> {IQOO, Chanel, Subway} <=> Confidence: 100.0%
{Coach, Xiaomi} -> {IQOO, Tesla, Subway} <=> Confidence: 100.0%
{Coach, Xiaomi} -> {Chanel, Tesla, Subway} <=> Confidence: 100.0%
{Coach, Xiaomi} -> {IQOO, Chanel, Tesla, Subway} <=> Confidence: 100.0%
{IQOO, Tesla, Xiaomi} -> {Chanel, Coach} <=> Confidence: 100.0%
{IQOO, Tesla, Xiaomi} -> {Chanel, Subway} <=> Confidence: 100.0%
{IOOO, Tesla, Xiaomi} -> {Coach, Subway} <=> Confidence: 100.0%
{IQOO, Tesla, Xiaomi} -> {Chanel, Coach, Subway} <=> Confidence: 100.0%
{IQOO, Coach, Xiaomi} -> {Chanel, Tesla} <=> Confidence: 100.0%
{IQOO, Coach, Xiaomi} -> {Chanel, Subway} <=> Confidence: 100.0%
{IQOO, Coach, Xiaomi} -> {Tesla, Subway} <=> Confidence: 100.0%
{IQOO, Coach, Xiaomi} -> {Chanel, Tesla, Subway} <=> Confidence: 100.0%
{Chanel, Tesla, Xiaomi} -> {IOOO, Coach} <=> Confidence: 100.0%
{Chanel, Tesla, Xiaomi} -> {IQOO, Subway} <=> Confidence: 100.0%
{Chanel, Tesla, Xiaomi} -> {Coach, Subway} <=> Confidence: 100.0%
{Chanel, Tesla, Xiaomi} -> {IQOO, Coach, Subway} <=> Confidence: 100.0%
{Chanel, Coach, Xiaomi} -> {IQOO, Tesla} <=> Confidence: 100.0%
{Chanel, Coach, Xiaomi} -> {IQOO, Subway} <=> Confidence: 100.0%
{Chanel, Coach, Xiaomi} -> {Tesla, Subway} <=> Confidence: 100.0%
```

```
{Chanel, Coach, Xiaomi} -> {IQOO, Tesla, Subway} <=> Confidence: 100.0%
{Tesla, Coach, Xiaomi} -> {IQOO, Chanel} <=> Confidence: 100.0%
{Tesla, Coach, Xiaomi} -> {IOOO, Subway} <=> Confidence: 100.0%
{Tesla, Coach, Xiaomi} -> {Chanel, Subway} <=> Confidence: 100.0%
{Tesla, Coach, Xiaomi} -> {IQOO, Chanel, Subway} <=> Confidence: 100.0%
{IQOO, Chanel, Tesla, Xiaomi} -> {Coach} <=> Confidence: 100.0%
{IQOO, Chanel, Tesla, Xiaomi} -> {Subway} <=> Confidence: 100.0%
{IQOO, Chanel, Tesla, Xiaomi} -> {Coach, Subway} <=> Confidence: 100.0%
{IQOO, Chanel, Coach, Xiaomi} -> {Tesla} <=> Confidence: 100.0%
{IQOO, Chanel, Coach, Xiaomi} -> {Subway} <=> Confidence: 100.0%
{IQOO, Chanel, Coach, Xiaomi} -> {Tesla, Subway} <=> Confidence: 100.0%
{IQOO, Tesla, Coach, Xiaomi} -> {Chanel} <=> Confidence: 100.0%
{IQOO, Tesla, Coach, Xiaomi} -> {Subway} <=> Confidence: 100.0%
{IQOO, Tesla, Coach, Xiaomi} -> {Chanel, Subway} <=> Confidence: 100.0%
{Chanel, Tesla, Coach, Xiaomi} -> {IQOO} <=> Confidence: 100.0%
{Chanel, Tesla, Coach, Xiaomi} -> {Subway} <=> Confidence: 100.0%
{Chanel, Tesla, Coach, Xiaomi} -> {IQOO, Subway} <=> Confidence: 100.0%
{Chanel, Subway, Xiaomi} -> {IOOO, Tesla} <=> Confidence: 100.0%
{Chanel, Subway, Xiaomi} -> {IQOO, Coach} <=> Confidence: 100.0%
{Chanel, Subway, Xiaomi} -> {Tesla, Coach} <=> Confidence: 100.0%
{Chanel, Subway, Xiaomi} -> {IQOO, Tesla, Coach} <=> Confidence: 100.0%
{Tesla, Subway, Xiaomi} -> {IQOO, Chanel} <=> Confidence: 100.0%
{Tesla, Subway, Xiaomi} -> {IQOO, Coach} <=> Confidence: 100.0%
{Tesla, Subway, Xiaomi} -> {Chanel, Coach} <=> Confidence: 100.0%
{Tesla, Subway, Xiaomi} -> {IQOO, Chanel, Coach} <=> Confidence: 100.0%
{IOOO, Chanel, Subway, Xiaomi} -> {Tesla} <=> Confidence: 100.0%
{IQOO, Chanel, Subway, Xiaomi} -> {Coach} <=> Confidence: 100.0%
{IQOO, Chanel, Subway, Xiaomi} -> {Tesla, Coach} <=> Confidence: 100.0%
{IQOO, Tesla, Subway, Xiaomi} -> {Chanel} <=> Confidence: 100.0%
{IQOO, Tesla, Subway, Xiaomi} -> {Coach} <=> Confidence: 100.0%
{IQOO, Tesla, Subway, Xiaomi} -> {Chanel, Coach} <=> Confidence: 100.0%
{Chanel, Tesla, Subway, Xiaomi} -> {IQOO} <=> Confidence: 100.0%
{Chanel, Tesla, Subway, Xiaomi} -> {Coach} <=> Confidence: 100.0%
{Chanel, Tesla, Subway, Xiaomi} -> {IQOO, Coach} <=> Confidence: 100.0%
{Coach, Subway, Xiaomi} -> {IQOO, Chanel} <=> Confidence: 100.0%
{Coach, Subway, Xiaomi} -> {IQOO, Tesla} <=> Confidence: 100.0%
{Coach, Subway, Xiaomi} -> {Chanel, Tesla} <=> Confidence: 100.0%
{Coach, Subway, Xiaomi} -> {IOOO, Chanel, Tesla} <=> Confidence: 100.0%
{IQOO, Coach, Subway, Xiaomi} -> {Chanel} <=> Confidence: 100.0%
{IQOO, Coach, Subway, Xiaomi} -> {Tesla} <=> Confidence: 100.0%
{IQOO, Coach, Subway, Xiaomi} -> {Chanel, Tesla} <=> Confidence: 100.0%
{Chanel, Coach, Subway, Xiaomi} -> {IQOO} <=> Confidence: 100.0%
{Chanel, Coach, Subway, Xiaomi} -> {Tesla} <=> Confidence: 100.0%
{Chanel, Coach, Subway, Xiaomi} -> {IQOO, Tesla} <=> Confidence: 100.0%
{Tesla, Coach, Subway, Xiaomi} -> {IQOO} <=> Confidence: 100.0%
{Tesla, Coach, Subway, Xiaomi} -> {Chanel} <=> Confidence: 100.0%
```

```
{Tesla, Coach, Subway, Xiaomi} -> {IQOO, Chanel} <=> Confidence: 100.0%
{Chanel, Microsoft} -> {Swiss, Dunkin, Subway} <=> Confidence: 100.0%
{Chanel, Microsoft} -> {Dunkin, Subway, ZARA} <=> Confidence: 100.0%
{Chanel, Microsoft} -> {Swiss, Subway, ZARA} <=> Confidence: 100.0%
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{Swiss, Subway} -> {Chanel, Dunkin, Microsoft} <=> Confidence: 100.0%
{Swiss, Subway} -> {Chanel, Microsoft, ZARA} <=> Confidence: 100.0%
{Swiss, Subway} -> {Chanel, Dunkin, ZARA} <=> Confidence: 100.0%
{Swiss, Subway} -> {Dunkin, Microsoft, ZARA} <=> Confidence: 100.0%
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{Dunkin, Microsoft} -> {Chanel, Swiss, Subway} <=> Confidence: 100.0%
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{Dunkin, Microsoft} -> {Swiss, Subway, ZARA} <=> Confidence: 100.0%
{Dunkin, Microsoft} -> {Chanel, Swiss, Subway, ZARA} <=> Confidence: 100.0%
{Dunkin, Subway} -> {Chanel, Swiss, Microsoft} <=> Confidence: 100.0%
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{Dunkin, Subway} -> {Swiss, Microsoft, ZARA} <=> Confidence: 100.0%
{Dunkin, Subway} -> {Chanel, Swiss, Microsoft, ZARA} <=> Confidence: 100.0%
{Chanel, Swiss, Microsoft} -> {Dunkin, Subway} <=> Confidence: 100.0%
{Chanel, Swiss, Microsoft} -> {Subway, ZARA} <=> Confidence: 100.0%
{Chanel, Swiss, Microsoft} -> {Dunkin, ZARA} <=> Confidence: 100.0%
{Chanel, Swiss, Microsoft} -> {Dunkin, Subway, ZARA} <=> Confidence: 100.0%
{Chanel, Swiss, Subway} -> {Dunkin, Microsoft} <=> Confidence: 100.0%
{Chanel, Swiss, Subway} -> {Microsoft, ZARA} <=> Confidence: 100.0%
{Chanel, Swiss, Subway} -> {Dunkin, ZARA} <=> Confidence: 100.0%
{Chanel, Swiss, Subway} -> {Dunkin, Microsoft, ZARA} <=> Confidence: 100.0%
{Chanel, Dunkin, Microsoft} -> {Swiss, Subway} <=> Confidence: 100.0%
{Chanel, Dunkin, Microsoft} -> {Subway, ZARA} <=> Confidence: 100.0%
{Chanel, Dunkin, Microsoft} -> {Swiss, ZARA} <=> Confidence: 100.0%
{Chanel, Dunkin, Microsoft} -> {Swiss, Subway, ZARA} <=> Confidence: 100.0%
{Chanel, Dunkin, Subway} -> {Swiss, Microsoft} <=> Confidence: 100.0%
{Chanel, Dunkin, Subway} -> {Microsoft, ZARA} <=> Confidence: 100.0%
{Chanel, Dunkin, Subway} -> {Swiss, ZARA} <=> Confidence: 100.0%
{Chanel, Dunkin, Subway} -> {Swiss, Microsoft, ZARA} <=> Confidence: 100.0%
{Chanel, Microsoft, Subway} -> {Swiss, Dunkin} <=> Confidence: 100.0%
{Chanel, Microsoft, Subway} -> {Dunkin, ZARA} <=> Confidence: 100.0%
{Chanel, Microsoft, Subway} -> {Swiss, ZARA} <=> Confidence: 100.0%
{Chanel, Microsoft, Subway} -> {Swiss, Dunkin, ZARA} <=> Confidence: 100.0%
```

```
{Swiss, Dunkin, Microsoft} -> {Chanel, Subway} <=> Confidence: 100.0%
{Swiss, Dunkin, Microsoft} -> {Chanel, ZARA} <=> Confidence: 100.0%
{Swiss, Dunkin, Microsoft} -> {Subway, ZARA} <=> Confidence: 100.0%
{Swiss, Dunkin, Microsoft} -> {Chanel, Subway, ZARA} <=> Confidence: 100.0%
{Swiss, Dunkin, Subway} -> {Chanel, Microsoft} <=> Confidence: 100.0%
{Swiss, Dunkin, Subway} -> {Chanel, ZARA} <=> Confidence: 100.0%
{Swiss, Dunkin, Subway} -> {Microsoft, ZARA} <=> Confidence: 100.0%
{Swiss, Dunkin, Subway} -> {Chanel, Microsoft, ZARA} <=> Confidence: 100.0%
{Swiss, Microsoft, Subway} -> {Chanel, Dunkin} <=> Confidence: 100.0%
{Swiss, Microsoft, Subway} -> {Chanel, ZARA} <=> Confidence: 100.0%
{Swiss, Microsoft, Subway} -> {Dunkin, ZARA} <=> Confidence: 100.0%
{Swiss, Microsoft, Subway} -> {Chanel, Dunkin, ZARA} <=> Confidence: 100.0%
{Dunkin, Microsoft, Subway} -> {Chanel, Swiss} <=> Confidence: 100.0%
{Dunkin, Microsoft, Subway} -> {Chanel, ZARA} <=> Confidence: 100.0%
{Dunkin, Microsoft, Subway} -> {Swiss, ZARA} <=> Confidence: 100.0%
{Dunkin, Microsoft, Subway} -> {Chanel, Swiss, ZARA} <=> Confidence: 100.0%
{Chanel, Swiss, Dunkin, Microsoft} -> {Subway} <=> Confidence: 100.0%
{Chanel, Swiss, Dunkin, Microsoft} -> {ZARA} <=> Confidence: 100.0%
{Chanel, Swiss, Dunkin, Microsoft} -> {Subway, ZARA} <=> Confidence: 100.0%
{Chanel, Swiss, Dunkin, Subway} -> {Microsoft} <=> Confidence: 100.0%
{Chanel, Swiss, Dunkin, Subway} -> {ZARA} <=> Confidence: 100.0%
{Chanel, Swiss, Dunkin, Subway} -> {Microsoft, ZARA} <=> Confidence: 100.0%
{Chanel, Swiss, Microsoft, Subway} -> {Dunkin} <=> Confidence: 100.0%
{Chanel, Swiss, Microsoft, Subway} -> {ZARA} <=> Confidence: 100.0%
{Chanel, Swiss, Microsoft, Subway} -> {Dunkin, ZARA} <=> Confidence: 100.0%
{Chanel, Dunkin, Microsoft, Subway} -> {Swiss} <=> Confidence: 100.0%
{Chanel, Dunkin, Microsoft, Subway} -> {ZARA} <=> Confidence: 100.0%
{Chanel, Dunkin, Microsoft, Subway} -> {Swiss, ZARA} <=> Confidence: 100.0%
{Swiss, Dunkin, Microsoft, Subway} -> {Chanel} <=> Confidence: 100.0%
{Swiss, Dunkin, Microsoft, Subway} -> {ZARA} <=> Confidence: 100.0%
{Swiss, Dunkin, Microsoft, Subway} -> {Chanel, ZARA} <=> Confidence: 100.0%
{Chanel, Dunkin, ZARA} -> {Microsoft, Subway} <=> Confidence: 100.0%
{Chanel, Dunkin, ZARA} -> {Swiss, Subway} <=> Confidence: 100.0%
{Chanel, Dunkin, ZARA} -> {Swiss, Microsoft} <=> Confidence: 100.0%
{Chanel, Dunkin, ZARA} -> {Swiss, Microsoft, Subway} <=> Confidence: 100.0%
{Chanel, Microsoft, ZARA} -> {Dunkin, Subway} <=> Confidence: 100.0%
{Chanel, Microsoft, ZARA} -> {Swiss, Subway} <=> Confidence: 100.0%
{Chanel, Microsoft, ZARA} -> {Swiss, Dunkin} <=> Confidence: 100.0%
{Chanel, Microsoft, ZARA} -> {Swiss, Dunkin, Subway} <=> Confidence: 100.0%
{Chanel, Subway, ZARA} -> {Dunkin, Microsoft} <=> Confidence: 100.0%
{Chanel, Subway, ZARA} -> {Swiss, Microsoft} <=> Confidence: 100.0%
{Chanel, Subway, ZARA} -> {Swiss, Dunkin} <=> Confidence: 100.0%
{Chanel, Subway, ZARA} -> {Swiss, Dunkin, Microsoft} <=> Confidence: 100.0%
{Dunkin, Microsoft, ZARA} -> {Chanel, Subway} <=> Confidence: 100.0%
{Dunkin, Microsoft, ZARA} -> {Chanel, Swiss} <=> Confidence: 100.0%
{Dunkin, Microsoft, ZARA} -> {Swiss, Subway} <=> Confidence: 100.0%
```

```
{Dunkin, Microsoft, ZARA} -> {Chanel, Swiss, Subway} <=> Confidence: 100.0%
{Dunkin, Subway, ZARA} -> {Chanel, Microsoft} <=> Confidence: 100.0%
{Dunkin, Subway, ZARA} -> {Chanel, Swiss} <=> Confidence: 100.0%
{Dunkin, Subway, ZARA} -> {Swiss, Microsoft} <=> Confidence: 100.0%
{Dunkin, Subway, ZARA} -> {Chanel, Swiss, Microsoft} <=> Confidence: 100.0%
{Chanel, Dunkin, Microsoft, ZARA} -> {Subway} <=> Confidence: 100.0%
{Chanel, Dunkin, Microsoft, ZARA} -> {Swiss} <=> Confidence: 100.0%
{Chanel, Dunkin, Microsoft, ZARA} -> {Swiss, Subway} <=> Confidence: 100.0%
{Chanel, Dunkin, Subway, ZARA} -> {Microsoft} <=> Confidence: 100.0%
{Chanel, Dunkin, Subway, ZARA} -> {Swiss} <=> Confidence: 100.0%
{Chanel, Dunkin, Subway, ZARA} -> {Swiss, Microsoft} <=> Confidence: 100.0%
{Chanel, Microsoft, Subway, ZARA} -> {Dunkin} <=> Confidence: 100.0%
{Chanel, Microsoft, Subway, ZARA} -> {Swiss} <=> Confidence: 100.0%
{Chanel, Microsoft, Subway, ZARA} -> {Swiss, Dunkin} <=> Confidence: 100.0%
{Dunkin, Microsoft, Subway, ZARA} -> {Chanel} <=> Confidence: 100.0%
{Dunkin, Microsoft, Subway, ZARA} -> {Swiss} <=> Confidence: 100.0%
{Dunkin, Microsoft, Subway, ZARA} -> {Chanel, Swiss} <=> Confidence: 100.0%
{Swiss, Microsoft, ZARA} -> {Chanel, Subway} <=> Confidence: 100.0%
{Swiss, Microsoft, ZARA} -> {Chanel, Dunkin} <=> Confidence: 100.0%
{Swiss, Microsoft, ZARA} -> {Dunkin, Subway} <=> Confidence: 100.0%
{Swiss, Microsoft, ZARA} -> {Chanel, Dunkin, Subway} <=> Confidence: 100.0%
{Swiss, Subway, ZARA} -> {Chanel, Microsoft} <=> Confidence: 100.0%
{Swiss, Subway, ZARA} -> {Chanel, Dunkin} <=> Confidence: 100.0%
{Swiss, Subway, ZARA} -> {Dunkin, Microsoft} <=> Confidence: 100.0%
{Swiss, Subway, ZARA} -> {Chanel, Dunkin, Microsoft} <=> Confidence: 100.0%
{Chanel, Swiss, Microsoft, ZARA} -> {Subway} <=> Confidence: 100.0%
{Chanel, Swiss, Microsoft, ZARA} -> {Dunkin} <=> Confidence: 100.0%
{Chanel, Swiss, Microsoft, ZARA} -> {Dunkin, Subway} <=> Confidence: 100.0%
{Chanel, Swiss, Subway, ZARA} -> {Microsoft} <=> Confidence: 100.0%
{Chanel, Swiss, Subway, ZARA} -> {Dunkin} <=> Confidence: 100.0%
{Chanel, Swiss, Subway, ZARA} -> {Dunkin, Microsoft} <=> Confidence: 100.0%
{Swiss, Microsoft, Subway, ZARA} -> {Chanel} <=> Confidence: 100.0%
{Swiss, Microsoft, Subway, ZARA} -> {Dunkin} <=> Confidence: 100.0%
{Swiss, Microsoft, Subway, ZARA} -> {Chanel, Dunkin} <=> Confidence: 100.0%
{Chanel, Swiss, Dunkin, ZARA} -> {Subway} <=> Confidence: 100.0%
{Chanel, Swiss, Dunkin, ZARA} -> {Microsoft} <=> Confidence: 100.0%
{Chanel, Swiss, Dunkin, ZARA} -> {Microsoft, Subway} <=> Confidence: 100.0%
{Swiss, Dunkin, Subway, ZARA} -> {Chanel} <=> Confidence: 100.0%
{Swiss, Dunkin, Subway, ZARA} -> {Microsoft} <=> Confidence: 100.0%
{Swiss, Dunkin, Subway, ZARA} -> {Chanel, Microsoft} <=> Confidence: 100.0%
{Swiss, Dunkin, Microsoft, ZARA} -> {Chanel} <=> Confidence: 100.0%
{Swiss, Dunkin, Microsoft, ZARA} -> {Subway} <=> Confidence: 100.0%
{Swiss, Dunkin, Microsoft, ZARA} -> {Chanel, Subway} <=> Confidence: 100.0%
{H&M, Bugatti} -> {Coach, Popeyes, Tissot} <=> Confidence: 50.0%
{Coach, Popeyes} -> {H&M, Tissot, Bugatti} <=> Confidence: 100.0%
{Coach, Tissot} -> {H&M, Popeyes, Bugatti} <=> Confidence: 100.0%
```

```
{Coach, Bugatti} -> {H&M, Popeyes, Tissot} <=> Confidence: 100.0%
{Popeyes, Bugatti} -> {H&M, Coach, Tissot} <=> Confidence: 50.0%
{Tissot, Bugatti} -> {H&M, Coach, Popeyes} <=> Confidence: 50.0%
{H&M, Coach, Popeyes} -> {Tissot, Bugatti} <=> Confidence: 100.0%
{H&M, Coach, Tissot} -> {Popeyes, Bugatti} <=> Confidence: 100.0%
{H&M, Coach, Bugatti} -> {Popeyes, Tissot} <=> Confidence: 100.0%
{H&M, Popeyes, Bugatti} -> {Coach, Tissot} <=> Confidence: 50.0%
{H&M, Tissot, Bugatti} -> {Coach, Popeyes} <=> Confidence: 50.0%
{Coach, Popeyes, Tissot} -> {H&M, Bugatti} <=> Confidence: 100.0%
{Coach, Popeyes, Bugatti} -> {H&M, Tissot} <=> Confidence: 100.0%
{Coach, Tissot, Bugatti} -> {H&M, Popeyes} <=> Confidence: 100.0%
{Popeyes, Tissot, Bugatti} -> {H&M, Coach} <=> Confidence: 50.0%
{H&M, Coach, Popeyes, Tissot} -> {Bugatti} <=> Confidence: 100.0%
{H&M, Coach, Popeyes, Bugatti} -> {Tissot} <=> Confidence: 100.0%
{H&M, Coach, Tissot, Bugatti} -> {Popeyes} <=> Confidence: 100.0%
{H&M, Popeyes, Tissot, Bugatti} -> {Coach} <=> Confidence: 50.0%
{Coach, Popeyes, Tissot, Bugatti} -> {H&M} <=> Confidence: 100.0%
{Audi, GUCCI} -> {Starbucks, OnePlus, Titan} <=> Confidence: 100.0%
{Audi, GUCCI} -> {Vivo, Starbucks, Titan} <=> Confidence: 100.0%
{Audi, GUCCI} -> {Vivo, Starbucks, OnePlus} <=> Confidence: 100.0%
{Audi, GUCCI} -> {Vivo, OnePlus, Titan} <=> Confidence: 100.0%
{Audi, GUCCI} -> {Vivo, Starbucks, OnePlus, Titan} <=> Confidence: 100.0%
{OnePlus, Titan} -> {Audi, GUCCI, Starbucks} <=> Confidence: 100.0%
{OnePlus, Titan} -> {Vivo, GUCCI, Starbucks} <=> Confidence: 100.0%
{OnePlus, Titan} -> {Audi, Vivo, GUCCI} <=> Confidence: 100.0%
{OnePlus, Titan} -> {Audi, Vivo, Starbucks} <=> Confidence: 100.0%
{OnePlus, Titan} -> {Audi, Vivo, GUCCI, Starbucks} <=> Confidence: 100.0%
{Audi, GUCCI, Starbucks} -> {OnePlus, Titan} <=> Confidence: 100.0%
{Audi, GUCCI, Starbucks} -> {Vivo, Titan} <=> Confidence: 100.0%
{Audi, GUCCI, Starbucks} -> {Vivo, OnePlus} <=> Confidence: 100.0%
{Audi, GUCCI, Starbucks} -> {Vivo, OnePlus, Titan} <=> Confidence: 100.0%
{Audi, GUCCI, OnePlus} -> {Starbucks, Titan} <=> Confidence: 100.0%
{Audi, GUCCI, OnePlus} -> {Vivo, Starbucks} <=> Confidence: 100.0%
{Audi, GUCCI, OnePlus} -> {Vivo, Titan} <=> Confidence: 100.0%
{Audi, GUCCI, OnePlus} -> {Vivo, Starbucks, Titan} <=> Confidence: 100.0%
{Audi, GUCCI, Titan} -> {Starbucks, OnePlus} <=> Confidence: 100.0%
{Audi, GUCCI, Titan} -> {Vivo, Starbucks} <=> Confidence: 100.0%
{Audi, GUCCI, Titan} -> {Vivo, OnePlus} <=> Confidence: 100.0%
{Audi, GUCCI, Titan} -> {Vivo, Starbucks, OnePlus} <=> Confidence: 100.0%
{Audi, OnePlus, Titan} -> {GUCCI, Starbucks} <=> Confidence: 100.0%
{Audi, OnePlus, Titan} -> {Vivo, GUCCI} <=> Confidence: 100.0%
{Audi, OnePlus, Titan} -> {Vivo, Starbucks} <=> Confidence: 100.0%
{Audi, OnePlus, Titan} -> {Vivo, GUCCI, Starbucks} <=> Confidence: 100.0%
{GUCCI, OnePlus, Titan} -> {Audi, Starbucks} <=> Confidence: 100.0%
{GUCCI, OnePlus, Titan} -> {Vivo, Starbucks} <=> Confidence: 100.0%
{GUCCI, OnePlus, Titan} -> {Audi, Vivo} <=> Confidence: 100.0%
```

```
{GUCCI, OnePlus, Titan} -> {Audi, Vivo, Starbucks} <=> Confidence: 100.0%
{Starbucks, OnePlus, Titan} -> {Audi, GUCCI} <=> Confidence: 100.0%
{Starbucks, OnePlus, Titan} -> {Vivo, GUCCI} <=> Confidence: 100.0%
{Starbucks, OnePlus, Titan} -> {Audi, Vivo} <=> Confidence: 100.0%
{Starbucks, OnePlus, Titan} -> {Audi, Vivo, GUCCI} <=> Confidence: 100.0%
{Audi, GUCCI, Starbucks, OnePlus} -> {Titan} <=> Confidence: 100.0%
{Audi, GUCCI, Starbucks, OnePlus} -> {Vivo} <=> Confidence: 100.0%
{Audi, GUCCI, Starbucks, OnePlus} -> {Vivo, Titan} <=> Confidence: 100.0%
{Audi, GUCCI, Starbucks, Titan} -> {OnePlus} <=> Confidence: 100.0%
{Audi, GUCCI, Starbucks, Titan} -> {Vivo} <=> Confidence: 100.0%
{Audi, GUCCI, Starbucks, Titan} -> {Vivo, OnePlus} <=> Confidence: 100.0%
{Audi, GUCCI, OnePlus, Titan} -> {Starbucks} <=> Confidence: 100.0%
{Audi, GUCCI, OnePlus, Titan} -> {Vivo} <=> Confidence: 100.0%
{Audi, GUCCI, OnePlus, Titan} -> {Vivo, Starbucks} <=> Confidence: 100.0%
{Audi, Starbucks, OnePlus, Titan} -> {GUCCI} <=> Confidence: 100.0%
{Audi, Starbucks, OnePlus, Titan} -> {Vivo} <=> Confidence: 100.0%
{Audi, Starbucks, OnePlus, Titan} -> {Vivo, GUCCI} <=> Confidence: 100.0%
{GUCCI, Starbucks, OnePlus, Titan} -> {Audi} <=> Confidence: 100.0%
{GUCCI, Starbucks, OnePlus, Titan} -> {Vivo} <=> Confidence: 100.0%
{GUCCI, Starbucks, OnePlus, Titan} -> {Audi, Vivo} <=> Confidence: 100.0%
{Vivo, GUCCI} -> {Audi, Starbucks, Titan} <=> Confidence: 100.0%
{Vivo, GUCCI} -> {Starbucks, OnePlus, Titan} <=> Confidence: 100.0%
{Vivo, GUCCI} -> {Audi, Starbucks, OnePlus} <=> Confidence: 100.0%
{Vivo, GUCCI} -> {Audi, OnePlus, Titan} <=> Confidence: 100.0%
{Vivo, GUCCI} -> {Audi, Starbucks, OnePlus, Titan} <=> Confidence: 100.0%
{Vivo, Starbucks} -> {Audi, GUCCI, Titan} <=> Confidence: 100.0%
{Vivo, Starbucks} -> {GUCCI, OnePlus, Titan} <=> Confidence: 100.0%
{Vivo, Starbucks} -> {Audi, GUCCI, OnePlus} <=> Confidence: 100.0%
{Vivo, Starbucks} -> {Audi, OnePlus, Titan} <=> Confidence: 100.0%
{Vivo, Starbucks} -> {Audi, GUCCI, OnePlus, Titan} <=> Confidence: 100.0%
{Audi, Vivo, GUCCI} -> {Starbucks, Titan} <=> Confidence: 100.0%
{Audi, Vivo, GUCCI} -> {Starbucks, OnePlus} <=> Confidence: 100.0%
{Audi, Vivo, GUCCI} -> {OnePlus, Titan} <=> Confidence: 100.0%
{Audi, Vivo, GUCCI} -> {Starbucks, OnePlus, Titan} <=> Confidence: 100.0%
{Audi, Vivo, Starbucks} -> {GUCCI, Titan} <=> Confidence: 100.0%
{Audi, Vivo, Starbucks} -> {GUCCI, OnePlus} <=> Confidence: 100.0%
{Audi, Vivo, Starbucks} -> {OnePlus, Titan} <=> Confidence: 100.0%
{Audi, Vivo, Starbucks} -> {GUCCI, OnePlus, Titan} <=> Confidence: 100.0%
{Vivo, GUCCI, Starbucks} -> {Audi, Titan} <=> Confidence: 100.0%
{Vivo, GUCCI, Starbucks} -> {OnePlus, Titan} <=> Confidence: 100.0%
{Vivo, GUCCI, Starbucks} -> {Audi, OnePlus} <=> Confidence: 100.0%
{Vivo, GUCCI, Starbucks} -> {Audi, OnePlus, Titan} <=> Confidence: 100.0%
{Vivo, GUCCI, Titan} -> {Audi, Starbucks} <=> Confidence: 100.0%
{Vivo, GUCCI, Titan} -> {Starbucks, OnePlus} <=> Confidence: 100.0%
{Vivo, GUCCI, Titan} -> {Audi, OnePlus} <=> Confidence: 100.0%
{Vivo, GUCCI, Titan} -> {Audi, Starbucks, OnePlus} <=> Confidence: 100.0%
```

```
{Vivo, Starbucks, Titan} -> {Audi, GUCCI} <=> Confidence: 100.0%
{Vivo, Starbucks, Titan} -> {GUCCI, OnePlus} <=> Confidence: 100.0%
{Vivo, Starbucks, Titan} -> {Audi, OnePlus} <=> Confidence: 100.0%
{Vivo, Starbucks, Titan} -> {Audi, GUCCI, OnePlus} <=> Confidence: 100.0%
{Audi, Vivo, GUCCI, Starbucks} -> {Titan} <=> Confidence: 100.0%
{Audi, Vivo, GUCCI, Starbucks} -> {OnePlus} <=> Confidence: 100.0%
{Audi, Vivo, GUCCI, Starbucks} -> {OnePlus, Titan} <=> Confidence: 100.0%
{Audi, Vivo, GUCCI, Titan} -> {Starbucks} <=> Confidence: 100.0%
{Audi, Vivo, GUCCI, Titan} -> {OnePlus} <=> Confidence: 100.0%
{Audi, Vivo, GUCCI, Titan} -> {Starbucks, OnePlus} <=> Confidence: 100.0%
{Audi, Vivo, Starbucks, Titan} -> {GUCCI} <=> Confidence: 100.0%
{Audi, Vivo, Starbucks, Titan} -> {OnePlus} <=> Confidence: 100.0%
{Audi, Vivo, Starbucks, Titan} -> {GUCCI, OnePlus} <=> Confidence: 100.0%
{Vivo, GUCCI, Starbucks, Titan} -> {Audi} <=> Confidence: 100.0%
{Vivo, GUCCI, Starbucks, Titan} -> {OnePlus} <=> Confidence: 100.0%
{Vivo, GUCCI, Starbucks, Titan} -> {Audi, OnePlus} <=> Confidence: 100.0%
{Vivo, GUCCI, OnePlus} -> {Starbucks, Titan} <=> Confidence: 100.0%
{Vivo, GUCCI, OnePlus} -> {Audi, Starbucks} <=> Confidence: 100.0%
{Vivo, GUCCI, OnePlus} -> {Audi, Titan} <=> Confidence: 100.0%
{Vivo, GUCCI, OnePlus} -> {Audi, Starbucks, Titan} <=> Confidence: 100.0%
{Vivo, Starbucks, OnePlus} -> {GUCCI, Titan} <=> Confidence: 100.0%
{Vivo, Starbucks, OnePlus} -> {Audi, GUCCI} <=> Confidence: 100.0%
{Vivo, Starbucks, OnePlus} -> {Audi, Titan} <=> Confidence: 100.0%
{Vivo, Starbucks, OnePlus} -> {Audi, GUCCI, Titan} <=> Confidence: 100.0%
{Vivo, OnePlus, Titan} -> {GUCCI, Starbucks} <=> Confidence: 100.0%
{Vivo, OnePlus, Titan} -> {Audi, GUCCI} <=> Confidence: 100.0%
{Vivo, OnePlus, Titan} -> {Audi, Starbucks} <=> Confidence: 100.0%
{Vivo, OnePlus, Titan} -> {Audi, GUCCI, Starbucks} <=> Confidence: 100.0%
{Vivo, GUCCI, Starbucks, OnePlus} -> {Titan} <=> Confidence: 100.0%
{Vivo, GUCCI, Starbucks, OnePlus} -> {Audi} <=> Confidence: 100.0%
{Vivo, GUCCI, Starbucks, OnePlus} -> {Audi, Titan} <=> Confidence: 100.0%
{Vivo, GUCCI, OnePlus, Titan} -> {Starbucks} <=> Confidence: 100.0%
{Vivo, GUCCI, OnePlus, Titan} -> {Audi} <=> Confidence: 100.0%
{Vivo, GUCCI, OnePlus, Titan} -> {Audi, Starbucks} <=> Confidence: 100.0%
{Vivo, Starbucks, OnePlus, Titan} -> {GUCCI} <=> Confidence: 100.0%
{Vivo, Starbucks, OnePlus, Titan} -> {Audi} <=> Confidence: 100.0%
{Vivo, Starbucks, OnePlus, Titan} -> {Audi, GUCCI} <=> Confidence: 100.0%
{Audi, Vivo, GUCCI, OnePlus} -> {Starbucks} <=> Confidence: 100.0%
{Audi, Vivo, GUCCI, OnePlus} -> {Titan} <=> Confidence: 100.0%
{Audi, Vivo, GUCCI, OnePlus} -> {Starbucks, Titan} <=> Confidence: 100.0%
{Audi, Vivo, Starbucks, OnePlus} -> {GUCCI} <=> Confidence: 100.0%
{Audi, Vivo, Starbucks, OnePlus} -> {Titan} <=> Confidence: 100.0%
{Audi, Vivo, Starbucks, OnePlus} -> {GUCCI, Titan} <=> Confidence: 100.0%
{Starbucks, IHOP} -> {GUCCI, Fossil, ROG} <=> Confidence: 100.0%
{Starbucks, IHOP} -> {GUCCI, Hermes, ROG} <=> Confidence: 100.0%
{Starbucks, IHOP} -> {GUCCI, Hermes, Fossil} <=> Confidence: 100.0%
```

```
{Starbucks, IHOP} -> {Hermes, Fossil, ROG} <=> Confidence: 100.0%
{Starbucks, IHOP} -> {GUCCI, Hermes, Fossil, ROG} <=> Confidence: 100.0%
{GUCCI, Starbucks, IHOP} -> {Fossil, ROG} <=> Confidence: 100.0%
{GUCCI, Starbucks, IHOP} -> {Hermes, ROG} <=> Confidence: 100.0%
{GUCCI, Starbucks, IHOP} -> {Hermes, Fossil} <=> Confidence: 100.0%
{GUCCI, Starbucks, IHOP} -> {Hermes, Fossil, ROG} <=> Confidence: 100.0%
{Starbucks, IHOP, Fossil} -> {GUCCI, ROG} <=> Confidence: 100.0%
{Starbucks, IHOP, Fossil} -> {GUCCI, Hermes} <=> Confidence: 100.0%
{Starbucks, IHOP, Fossil} -> {Hermes, ROG} <=> Confidence: 100.0%
{Starbucks, IHOP, Fossil} -> {GUCCI, Hermes, ROG} <=> Confidence: 100.0%
{Starbucks, IHOP, ROG} -> {GUCCI, Fossil} <=> Confidence: 100.0%
{Starbucks, IHOP, ROG} -> {GUCCI, Hermes} <=> Confidence: 100.0%
{Starbucks, IHOP, ROG} -> {Hermes, Fossil} <=> Confidence: 100.0%
{Starbucks, IHOP, ROG} -> {GUCCI, Hermes, Fossil} <=> Confidence: 100.0%
{Starbucks, Fossil, ROG} -> {GUCCI, IHOP} <=> Confidence: 100.0%
{Starbucks, Fossil, ROG} -> {GUCCI, Hermes} <=> Confidence: 100.0%
{Starbucks, Fossil, ROG} -> {Hermes, IHOP} <=> Confidence: 100.0%
{Starbucks, Fossil, ROG} -> {GUCCI, Hermes, IHOP} <=> Confidence: 100.0%
{GUCCI, Starbucks, IHOP, Fossil} -> {ROG} <=> Confidence: 100.0%
{GUCCI, Starbucks, IHOP, Fossil} -> {Hermes} <=> Confidence: 100.0%
{GUCCI, Starbucks, IHOP, Fossil} -> {Hermes, ROG} <=> Confidence: 100.0%
{GUCCI, Starbucks, IHOP, ROG} -> {Fossil} <=> Confidence: 100.0%
{GUCCI, Starbucks, IHOP, ROG} -> {Hermes} <=> Confidence: 100.0%
{GUCCI, Starbucks, IHOP, ROG} -> {Hermes, Fossil} <=> Confidence: 100.0%
{GUCCI, Starbucks, Fossil, ROG} -> {IHOP} <=> Confidence: 100.0%
{GUCCI, Starbucks, Fossil, ROG} -> {Hermes} <=> Confidence: 100.0%
{GUCCI, Starbucks, Fossil, ROG} -> {Hermes, IHOP} <=> Confidence: 100.0%
{GUCCI, IHOP, Fossil, ROG} -> {Starbucks} <=> Confidence: 100.0%
{GUCCI, IHOP, Fossil, ROG} -> {Hermes} <=> Confidence: 100.0%
{GUCCI, IHOP, Fossil, ROG} -> {Starbucks, Hermes} <=> Confidence: 100.0%
{Starbucks, IHOP, Fossil, ROG} -> {GUCCI} <=> Confidence: 100.0%
{Starbucks, IHOP, Fossil, ROG} -> {Hermes} <=> Confidence: 100.0%
{Starbucks, IHOP, Fossil, ROG} -> {GUCCI, Hermes} <=> Confidence: 100.0%
{Hermes, IHOP} -> {GUCCI, Starbucks, ROG} <=> Confidence: 100.0%
{Hermes, IHOP} -> {GUCCI, Starbucks, Fossil} <=> Confidence: 100.0%
{Hermes, IHOP} -> {GUCCI, Fossil, ROG} <=> Confidence: 100.0%
{Hermes, IHOP} -> {Starbucks, Fossil, ROG} <=> Confidence: 100.0%
{Hermes, IHOP} -> {GUCCI, Starbucks, Fossil, ROG} <=> Confidence: 100.0%
{GUCCI, Hermes, IHOP} -> {Starbucks, ROG} <=> Confidence: 100.0%
{GUCCI, Hermes, IHOP} -> {Starbucks, Fossil} <=> Confidence: 100.0%
{GUCCI, Hermes, IHOP} -> {Fossil, ROG} <=> Confidence: 100.0%
{GUCCI, Hermes, IHOP} -> {Starbucks, Fossil, ROG} <=> Confidence: 100.0%
{Starbucks, Hermes, IHOP} -> {GUCCI, ROG} <=> Confidence: 100.0%
{Starbucks, Hermes, IHOP} -> {GUCCI, Fossil} <=> Confidence: 100.0%
{Starbucks, Hermes, IHOP} -> {Fossil, ROG} <=> Confidence: 100.0%
{Starbucks, Hermes, IHOP} -> {GUCCI, Fossil, ROG} <=> Confidence: 100.0%
```

```
{Hermes, IHOP, ROG} -> {GUCCI, Starbucks} <=> Confidence: 100.0%
{Hermes, IHOP, ROG} -> {GUCCI, Fossil} <=> Confidence: 100.0%
{Hermes, IHOP, ROG} -> {Starbucks, Fossil} <=> Confidence: 100.0%
{Hermes, IHOP, ROG} -> {GUCCI, Starbucks, Fossil} <=> Confidence: 100.0%
{GUCCI, Starbucks, Hermes, IHOP} -> {ROG} <=> Confidence: 100.0%
{GUCCI, Starbucks, Hermes, IHOP} -> {Fossil} <=> Confidence: 100.0%
{GUCCI, Starbucks, Hermes, IHOP} -> {Fossil, ROG} <=> Confidence: 100.0%
{GUCCI, Starbucks, Hermes, ROG} -> {IHOP} <=> Confidence: 100.0%
{GUCCI, Starbucks, Hermes, ROG} -> {Fossil} <=> Confidence: 100.0%
{GUCCI, Starbucks, Hermes, ROG} -> {IHOP, Fossil} <=> Confidence: 100.0%
{GUCCI, Hermes, IHOP, ROG} -> {Starbucks} <=> Confidence: 100.0%
{GUCCI, Hermes, IHOP, ROG} -> {Fossil} <=> Confidence: 100.0%
{GUCCI, Hermes, IHOP, ROG} -> {Starbucks, Fossil} <=> Confidence: 100.0%
{Starbucks, Hermes, IHOP, ROG} -> {GUCCI} <=> Confidence: 100.0%
{Starbucks, Hermes, IHOP, ROG} -> {Fossil} <=> Confidence: 100.0%
{Starbucks, Hermes, IHOP, ROG} -> {GUCCI, Fossil} <=> Confidence: 100.0%
{Starbucks, Hermes, Fossil} -> {GUCCI, IHOP} <=> Confidence: 100.0%
{Starbucks, Hermes, Fossil} -> {GUCCI, ROG} <=> Confidence: 100.0%
{Starbucks, Hermes, Fossil} -> {IHOP, ROG} <=> Confidence: 100.0%
{Starbucks, Hermes, Fossil} -> {GUCCI, IHOP, ROG} <=> Confidence: 100.0%
{Hermes, IHOP, Fossil} -> {GUCCI, Starbucks} <=> Confidence: 100.0%
{Hermes, IHOP, Fossil} -> {GUCCI, ROG} <=> Confidence: 100.0%
{Hermes, IHOP, Fossil} -> {Starbucks, ROG} <=> Confidence: 100.0%
{Hermes, IHOP, Fossil} -> {GUCCI, Starbucks, ROG} <=> Confidence: 100.0%
{GUCCI, Starbucks, Hermes, Fossil} -> {IHOP} <=> Confidence: 100.0%
{GUCCI, Starbucks, Hermes, Fossil} -> {ROG} <=> Confidence: 100.0%
{GUCCI, Starbucks, Hermes, Fossil} -> {IHOP, ROG} <=> Confidence: 100.0%
{GUCCI, Hermes, IHOP, Fossil} -> {Starbucks} <=> Confidence: 100.0%
{GUCCI, Hermes, IHOP, Fossil} -> {ROG} <=> Confidence: 100.0%
{GUCCI, Hermes, IHOP, Fossil} -> {Starbucks, ROG} <=> Confidence: 100.0%
{Starbucks, Hermes, IHOP, Fossil} -> {GUCCI} <=> Confidence: 100.0%
{Starbucks, Hermes, IHOP, Fossil} -> {ROG} <=> Confidence: 100.0%
{Starbucks, Hermes, IHOP, Fossil} -> {GUCCI, ROG} <=> Confidence: 100.0%
{Hermes, Fossil, ROG} -> {GUCCI, Starbucks} <=> Confidence: 100.0%
{Hermes, Fossil, ROG} -> {GUCCI, IHOP} <=> Confidence: 100.0%
{Hermes, Fossil, ROG} -> {Starbucks, IHOP} <=> Confidence: 100.0%
{Hermes, Fossil, ROG} -> {GUCCI, Starbucks, IHOP} <=> Confidence: 100.0%
{GUCCI, Hermes, Fossil, ROG} -> {Starbucks} <=> Confidence: 100.0%
{GUCCI, Hermes, Fossil, ROG} -> {IHOP} <=> Confidence: 100.0%
{GUCCI, Hermes, Fossil, ROG} -> {Starbucks, IHOP} <=> Confidence: 100.0%
{Starbucks, Hermes, Fossil, ROG} -> {GUCCI} <=> Confidence: 100.0%
{Starbucks, Hermes, Fossil, ROG} -> {IHOP} <=> Confidence: 100.0%
{Starbucks, Hermes, Fossil, ROG} -> {GUCCI, IHOP} <=> Confidence: 100.0%
{Audi, Vivo, OnePlus, Titan} -> {GUCCI} <=> Confidence: 100.0%
{Audi, Vivo, OnePlus, Titan} -> {Starbucks} <=> Confidence: 100.0%
{Audi, Vivo, OnePlus, Titan} -> {GUCCI, Starbucks} <=> Confidence: 100.0%
```

```
{Hermes, IHOP, Fossil, ROG} -> {GUCCI} <=> Confidence: 100.0%
{Hermes, IHOP, Fossil, ROG} -> {Starbucks} <=> Confidence: 100.0%
{Hermes, IHOP, Fossil, ROG} -> {GUCCI, Starbucks} <=> Confidence: 100.0%
{Audi, Hublot} -> {BMW, Starbucks, OnePlus} <=> Confidence: 100.0%
{BMW, Hublot} -> {Audi, Starbucks, OnePlus} <=> Confidence: 50.0%
{BMW, Hublot} -> {KFC, Adidas, Poco} <=> Confidence: 50.0%
{BMW, Starbucks} -> {Audi, Hublot, OnePlus} <=> Confidence: 100.0%
{Audi, BMW, Hublot} -> {Starbucks, OnePlus} <=> Confidence: 100.0%
{Audi, BMW, Starbucks} -> {Hublot, OnePlus} <=> Confidence: 100.0%
{Audi, Hublot, Starbucks} -> {BMW, OnePlus} <=> Confidence: 100.0%
{Audi, Hublot, OnePlus} -> {BMW, Starbucks} <=> Confidence: 100.0%
{BMW, Hublot, Starbucks} -> {Audi, OnePlus} <=> Confidence: 100.0%
{BMW, Hublot, OnePlus} -> {Audi, Starbucks} <=> Confidence: 100.0%
{BMW, Starbucks, OnePlus} -> {Audi, Hublot} <=> Confidence: 100.0%
{Audi, BMW, Hublot, Starbucks} -> {OnePlus} <=> Confidence: 100.0%
{Audi, BMW, Hublot, OnePlus} -> {Starbucks} <=> Confidence: 100.0%
{Audi, BMW, Starbucks, OnePlus} -> {Hublot} <=> Confidence: 100.0%
{Audi, Hublot, Starbucks, OnePlus} -> {BMW} <=> Confidence: 100.0%
{BMW, Hublot, Starbucks, OnePlus} -> {Audi} <=> Confidence: 100.0%
{Omega, Chipotle} -> {Dunkin, Puma, Titan} <=> Confidence: 100.0%
{Omega, Dunkin, Puma} -> {Titan, Chipotle} <=> Confidence: 100.0%
{Omega, Dunkin, Titan} -> {Puma, Chipotle} <=> Confidence: 100.0%
{Omega, Dunkin, Chipotle} -> {Puma, Titan} <=> Confidence: 100.0%
{Omega, Puma, Titan} -> {Dunkin, Chipotle} <=> Confidence: 100.0%
{Omega, Puma, Chipotle} -> {Dunkin, Titan} <=> Confidence: 100.0%
{Omega, Titan, Chipotle} -> {Dunkin, Puma} <=> Confidence: 100.0%
{Dunkin, Puma, Chipotle} -> {Omega, Titan} <=> Confidence: 100.0%
{Dunkin, Titan, Chipotle} -> {Omega, Puma} <=> Confidence: 100.0%
{Puma, Titan, Chipotle} -> {Omega, Dunkin} <=> Confidence: 100.0%
{Omega, Dunkin, Puma, Titan} -> {Chipotle} <=> Confidence: 100.0%
{Omega, Dunkin, Puma, Chipotle} -> {Titan} <=> Confidence: 100.0%
{Omega, Dunkin, Titan, Chipotle} -> {Puma} <=> Confidence: 100.0%
{Omega, Puma, Titan, Chipotle} -> {Dunkin} <=> Confidence: 100.0%
{Dunkin, Puma, Titan, Chipotle} -> {Omega} <=> Confidence: 100.0%
{Casio, IHOP} -> {Rolex, Dominos, Dior} <=> Confidence: 100.0%
{Rolex, IHOP} -> {Casio, Dominos, Dior} <=> Confidence: 100.0%
{Dominos, IHOP} -> {Casio, Rolex, Dior} <=> Confidence: 100.0%
{Casio, Rolex, IHOP} -> {Dominos, Dior} <=> Confidence: 100.0%
{Casio, Dominos, IHOP} -> {Rolex, Dior} <=> Confidence: 100.0%
{Casio, IHOP, Dior} -> {Rolex, Dominos} <=> Confidence: 100.0%
{Rolex, Dominos, IHOP} -> {Casio, Dior} <=> Confidence: 100.0%
{Rolex, IHOP, Dior} -> {Casio, Dominos} <=> Confidence: 100.0%
{Dominos, IHOP, Dior} -> {Casio, Rolex} <=> Confidence: 100.0%
{Casio, Rolex, Dominos, IHOP} -> {Dior} <=> Confidence: 100.0%
{Casio, Rolex, Dominos, Dior} -> {IHOP} <=> Confidence: 100.0%
{Casio, Rolex, IHOP, Dior} -> {Dominos} <=> Confidence: 100.0%
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{Casio, Dominos, IHOP, Dior} -> {Rolex} <=> Confidence: 100.0%
{Rolex, Dominos, IHOP, Dior} -> {Casio} <=> Confidence: 100.0%
{KFC, Hublot} -> {BMW, Adidas, Poco} <=> Confidence: 50.0%
{KFC, Hublot} -> {Nike, Adidas, Samsung} <=> Confidence: 50.0%
{KFC, Hublot} -> {McD, Adidas, Samsung} <=> Confidence: 50.0%
{KFC, Hublot} -> {McD, Nike, Adidas} <=> Confidence: 50.0%
{KFC, Hublot} -> {McD, Nike, Samsung} <=> Confidence: 50.0%
{KFC, Hublot} -> {McD, Nike, Adidas, Samsung} <=> Confidence: 50.0%
{BMW, Adidas} -> {KFC, Hublot, Poco} <=> Confidence: 100.0%
{BMW, Poco} -> {KFC, Hublot, Adidas} <=> Confidence: 100.0%
{Adidas, Poco} -> {KFC, BMW, Hublot} <=> Confidence: 100.0%
{KFC, BMW, Hublot} -> {Adidas, Poco} <=> Confidence: 100.0%
{KFC, BMW, Adidas} -> {Hublot, Poco} <=> Confidence: 100.0%
{KFC, BMW, Poco} -> {Hublot, Adidas} <=> Confidence: 100.0%
{KFC, Hublot, Adidas} -> {BMW, Poco} <=> Confidence: 50.0%
{KFC, Hublot, Adidas} -> {Nike, Samsung} <=> Confidence: 50.0%
{KFC, Hublot, Adidas} -> {McD, Samsung} <=> Confidence: 50.0%
{KFC, Hublot, Adidas} -> {McD, Nike} <=> Confidence: 50.0%
{KFC, Hublot, Adidas} -> {McD, Nike, Samsung} <=> Confidence: 50.0%
{KFC, Hublot, Poco} -> {BMW, Adidas} <=> Confidence: 100.0%
{KFC, Adidas, Poco} -> {BMW, Hublot} <=> Confidence: 100.0%
{BMW, Hublot, Adidas} -> {KFC, Poco} <=> Confidence: 100.0%
{BMW, Hublot, Poco} -> {KFC, Adidas} <=> Confidence: 100.0%
{BMW, Adidas, Poco} -> {KFC, Hublot} <=> Confidence: 100.0%
{Hublot, Adidas, Poco} -> {KFC, BMW} <=> Confidence: 100.0%
{KFC, BMW, Hublot, Adidas} -> {Poco} <=> Confidence: 100.0%
{KFC, BMW, Hublot, Poco} -> {Adidas} <=> Confidence: 100.0%
{KFC, BMW, Adidas, Poco} -> {Hublot} <=> Confidence: 100.0%
{KFC, Hublot, Adidas, Poco} -> {BMW} <=> Confidence: 100.0%
{BMW, Hublot, Adidas, Poco} -> {KFC} <=> Confidence: 100.0%
{KFC, H&M, Popeyes, Tissot} -> {ROG} <=> Confidence: 100.0%
{KFC, H&M, Popeyes, ROG} -> {Tissot} <=> Confidence: 100.0%
{KFC, H&M, Tissot, ROG} -> {Popeyes} <=> Confidence: 100.0%
{KFC, Popeyes, Tissot, ROG} -> {H&M} <=> Confidence: 100.0%
\{H\&M, Popeyes, Tissot, ROG\} \rightarrow \{KFC\} \iff Confidence: 100.0\%
{Dunkin, Adidas} -> {Swiss, Samsung, ZARA} <=> Confidence: 100.0%
{Dunkin, Samsung} -> {Swiss, Adidas, ZARA} <=> Confidence: 100.0%
{Swiss, Dunkin, Adidas} -> {Samsung, ZARA} <=> Confidence: 100.0%
{Swiss, Dunkin, Samsung} -> {Adidas, ZARA} <=> Confidence: 100.0%
{Swiss, Adidas, Samsung} -> {Dunkin, ZARA} <=> Confidence: 100.0%
{Swiss, Adidas, ZARA} -> {Dunkin, Samsung} <=> Confidence: 100.0%
{Swiss, Samsung, ZARA} -> {Dunkin, Adidas} <=> Confidence: 100.0%
{Dunkin, Adidas, Samsung} -> {Swiss, ZARA} <=> Confidence: 100.0%
{Dunkin, Adidas, ZARA} -> {Swiss, Samsung} <=> Confidence: 100.0%
{Dunkin, Samsung, ZARA} -> {Swiss, Adidas} <=> Confidence: 100.0%
{Swiss, Dunkin, Adidas, Samsung} -> {ZARA} <=> Confidence: 100.0%
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{Swiss, Dunkin, Adidas, ZARA} -> {Samsung} <=> Confidence: 100.0%
{Swiss, Dunkin, Samsung, ZARA} -> {Adidas} <=> Confidence: 100.0%
{Swiss, Adidas, Samsung, ZARA} -> {Dunkin} <=> Confidence: 100.0%
{Dunkin, Adidas, Samsung, ZARA} -> {Swiss} <=> Confidence: 100.0%
{Pagani, Fossil} -> {Swiss, Tata, Hermes} <=> Confidence: 100.0%
{Swiss, Tata, Fossil} -> {Pagani, Hermes} <=> Confidence: 100.0%
{Swiss, Pagani, Fossil} -> {Tata, Hermes} <=> Confidence: 100.0%
{Swiss, Hermes, Fossil} -> {Tata, Pagani} <=> Confidence: 100.0%
{Tata, Pagani, Fossil} -> {Swiss, Hermes} <=> Confidence: 100.0%
{Tata, Hermes, Fossil} -> {Swiss, Pagani} <=> Confidence: 100.0%
{Pagani, Hermes, Fossil} -> {Swiss, Tata} <=> Confidence: 100.0%
{Swiss, Tata, Pagani, Hermes} -> {Fossil} <=> Confidence: 100.0%
{Swiss, Tata, Pagani, Fossil} -> {Hermes} <=> Confidence: 100.0%
{Swiss, Tata, Hermes, Fossil} -> {Pagani} <=> Confidence: 100.0%
{Swiss, Pagani, Hermes, Fossil} -> {Tata} <=> Confidence: 100.0%
{Tata, Pagani, Hermes, Fossil} -> {Swiss} <=> Confidence: 100.0%
{Nike, Hublot} -> {KFC, Adidas, Samsung} <=> Confidence: 100.0%
{Nike, Hublot} -> {KFC, McD, Adidas} <=> Confidence: 100.0%
{Nike, Hublot} -> {McD, Adidas, Samsung} <=> Confidence: 100.0%
{Nike, Hublot} -> {KFC, McD, Samsung} <=> Confidence: 100.0%
{Nike, Hublot} -> {KFC, McD, Adidas, Samsung} <=> Confidence: 100.0%
{KFC, Nike, Hublot} -> {Adidas, Samsung} <=> Confidence: 100.0%
{KFC, Nike, Hublot} -> {McD, Adidas} <=> Confidence: 100.0%
{KFC, Nike, Hublot} -> {McD, Samsung} <=> Confidence: 100.0%
{KFC, Nike, Hublot} -> {McD, Adidas, Samsung} <=> Confidence: 100.0%
{KFC, Nike, Adidas} -> {Hublot, Samsung} <=> Confidence: 100.0%
{KFC, Nike, Adidas} -> {McD, Hublot} <=> Confidence: 100.0%
{KFC, Nike, Adidas} -> {McD, Samsung} <=> Confidence: 100.0%
{KFC, Nike, Adidas} -> {McD, Hublot, Samsung} <=> Confidence: 100.0%
{KFC, Nike, Samsung} -> {Hublot, Adidas} <=> Confidence: 100.0%
{KFC, Nike, Samsung} -> {McD, Hublot} <=> Confidence: 100.0%
{KFC, Nike, Samsung} -> {McD, Adidas} <=> Confidence: 100.0%
{KFC, Nike, Samsung} -> {McD, Hublot, Adidas} <=> Confidence: 100.0%
{KFC, Hublot, Samsung} -> {Nike, Adidas} <=> Confidence: 100.0%
{KFC, Hublot, Samsung} -> {McD, Adidas} <=> Confidence: 100.0%
{KFC, Hublot, Samsung} -> {McD, Nike} <=> Confidence: 100.0%
{KFC, Hublot, Samsung} -> {McD, Nike, Adidas} <=> Confidence: 100.0%
{KFC, Adidas, Samsung} -> {Nike, Hublot} <=> Confidence: 100.0%
{KFC, Adidas, Samsung} -> {McD, Hublot} <=> Confidence: 100.0%
{KFC, Adidas, Samsung} -> {McD, Nike} <=> Confidence: 100.0%
{KFC, Adidas, Samsung} -> {McD, Nike, Hublot} <=> Confidence: 100.0%
{Nike, Hublot, Adidas} -> {KFC, Samsung} <=> Confidence: 100.0%
{Nike, Hublot, Adidas} -> {KFC, McD} <=> Confidence: 100.0%
{Nike, Hublot, Adidas} -> {McD, Samsung} <=> Confidence: 100.0%
{Nike, Hublot, Adidas} -> {KFC, McD, Samsung} <=> Confidence: 100.0%
{Nike, Hublot, Samsung} -> {KFC, Adidas} <=> Confidence: 100.0%
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```
{Nike, Hublot, Samsung} -> {McD, Adidas} <=> Confidence: 100.0%
{Nike, Hublot, Samsung} -> {KFC, McD} <=> Confidence: 100.0%
{Nike, Hublot, Samsung} -> {KFC, McD, Adidas} <=> Confidence: 100.0%
{Nike, Adidas, Samsung} -> {KFC, Hublot} <=> Confidence: 100.0%
{Nike, Adidas, Samsung} -> {McD, Hublot} <=> Confidence: 100.0%
{Nike, Adidas, Samsung} -> {KFC, McD} <=> Confidence: 100.0%
{Nike, Adidas, Samsung} -> {KFC, McD, Hublot} <=> Confidence: 100.0%
{Hublot, Adidas, Samsung} -> {KFC, Nike} <=> Confidence: 100.0%
{Hublot, Adidas, Samsung} -> {KFC, McD} <=> Confidence: 100.0%
{Hublot, Adidas, Samsung} -> {McD, Nike} <=> Confidence: 100.0%
{Hublot, Adidas, Samsung} -> {KFC, McD, Nike} <=> Confidence: 100.0%
{KFC, Nike, Hublot, Adidas} -> {Samsung} <=> Confidence: 100.0%
{KFC, Nike, Hublot, Adidas} -> {McD} <=> Confidence: 100.0%
{KFC, Nike, Hublot, Adidas} -> {McD, Samsung} <=> Confidence: 100.0%
{KFC, Nike, Hublot, Samsung} -> {Adidas} <=> Confidence: 100.0%
{KFC, Nike, Hublot, Samsung} -> {McD} <=> Confidence: 100.0%
{KFC, Nike, Hublot, Samsung} -> {McD, Adidas} <=> Confidence: 100.0%
{KFC, Nike, Adidas, Samsung} -> {Hublot} <=> Confidence: 100.0%
{KFC, Nike, Adidas, Samsung} -> {McD} <=> Confidence: 100.0%
{KFC, Nike, Adidas, Samsung} -> {McD, Hublot} <=> Confidence: 100.0%
{KFC, Hublot, Adidas, Samsung} -> {Nike} <=> Confidence: 100.0%
{KFC, Hublot, Adidas, Samsung} -> {McD} <=> Confidence: 100.0%
{KFC, Hublot, Adidas, Samsung} -> {McD, Nike} <=> Confidence: 100.0%
{Nike, Hublot, Adidas, Samsung} -> {KFC} <=> Confidence: 100.0%
{Nike, Hublot, Adidas, Samsung} -> {McD} <=> Confidence: 100.0%
{Nike, Hublot, Adidas, Samsung} -> {KFC, McD} <=> Confidence: 100.0%
{KFC, McD} -> {Hublot, Adidas, Samsung} <=> Confidence: 100.0%
{KFC, McD} -> {Nike, Hublot, Adidas} <=> Confidence: 100.0%
{KFC, McD} -> {Nike, Hublot, Samsung} <=> Confidence: 100.0%
{KFC, McD} -> {Nike, Adidas, Samsung} <=> Confidence: 100.0%
{KFC, McD} -> {Nike, Hublot, Adidas, Samsung} <=> Confidence: 100.0%
{McD, Hublot} -> {KFC, Adidas, Samsung} <=> Confidence: 100.0%
{McD, Hublot} -> {KFC, Nike, Adidas} <=> Confidence: 100.0%
{McD, Hublot} -> {Nike, Adidas, Samsung} <=> Confidence: 100.0%
{McD, Hublot} -> {KFC, Nike, Samsung} <=> Confidence: 100.0%
{McD, Hublot} -> {KFC, Nike, Adidas, Samsung} <=> Confidence: 100.0%
{KFC, McD, Hublot} -> {Adidas, Samsung} <=> Confidence: 100.0%
{KFC, McD, Hublot} -> {Nike, Adidas} <=> Confidence: 100.0%
{KFC, McD, Hublot} -> {Nike, Samsung} <=> Confidence: 100.0%
{KFC, McD, Hublot} -> {Nike, Adidas, Samsung} <=> Confidence: 100.0%
{KFC, McD, Adidas} -> {Hublot, Samsung} <=> Confidence: 100.0%
{KFC, McD, Adidas} -> {Nike, Hublot} <=> Confidence: 100.0%
{KFC, McD, Adidas} -> {Nike, Samsung} <=> Confidence: 100.0%
{KFC, McD, Adidas} -> {Nike, Hublot, Samsung} <=> Confidence: 100.0%
{KFC, McD, Samsung} -> {Hublot, Adidas} <=> Confidence: 100.0%
{KFC, McD, Samsung} -> {Nike, Hublot} <=> Confidence: 100.0%
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{KFC, McD, Samsung} -> {Nike, Adidas} <=> Confidence: 100.0%
{KFC, McD, Samsung} -> {Nike, Hublot, Adidas} <=> Confidence: 100.0%
{McD, Hublot, Adidas} -> {KFC, Samsung} <=> Confidence: 100.0%
{McD, Hublot, Adidas} -> {KFC, Nike} <=> Confidence: 100.0%
{McD, Hublot, Adidas} -> {Nike, Samsung} <=> Confidence: 100.0%
{McD, Hublot, Adidas} -> {KFC, Nike, Samsung} <=> Confidence: 100.0%
{McD, Hublot, Samsung} -> {KFC, Adidas} <=> Confidence: 100.0%
{McD, Hublot, Samsung} -> {Nike, Adidas} <=> Confidence: 100.0%
{McD, Hublot, Samsung} -> {KFC, Nike} <=> Confidence: 100.0%
{McD, Hublot, Samsung} -> {KFC, Nike, Adidas} <=> Confidence: 100.0%
{McD, Adidas, Samsung} -> {KFC, Hublot} <=> Confidence: 100.0%
{McD, Adidas, Samsung} -> {Nike, Hublot} <=> Confidence: 100.0%
{McD, Adidas, Samsung} -> {KFC, Nike} <=> Confidence: 100.0%
{McD, Adidas, Samsung} -> {KFC, Nike, Hublot} <=> Confidence: 100.0%
{KFC, McD, Hublot, Adidas} -> {Samsung} <=> Confidence: 100.0%
{KFC, McD, Hublot, Adidas} -> {Nike} <=> Confidence: 100.0%
{KFC, McD, Hublot, Adidas} -> {Nike, Samsung} <=> Confidence: 100.0%
{KFC, McD, Hublot, Samsung} -> {Adidas} <=> Confidence: 100.0%
{KFC, McD, Hublot, Samsung} -> {Nike} <=> Confidence: 100.0%
{KFC, McD, Hublot, Samsung} -> {Nike, Adidas} <=> Confidence: 100.0%
{KFC, McD, Adidas, Samsung} -> {Hublot} <=> Confidence: 100.0%
{KFC, McD, Adidas, Samsung} -> {Nike} <=> Confidence: 100.0%
{KFC, McD, Adidas, Samsung} -> {Nike, Hublot} <=> Confidence: 100.0%
{McD, Hublot, Adidas, Samsung} -> {KFC} <=> Confidence: 100.0%
{McD, Hublot, Adidas, Samsung} -> {Nike} <=> Confidence: 100.0%
{McD, Hublot, Adidas, Samsung} -> {KFC, Nike} <=> Confidence: 100.0%
{KFC, McD, Nike} -> {Hublot, Adidas} <=> Confidence: 100.0%
{KFC, McD, Nike} -> {Hublot, Samsung} <=> Confidence: 100.0%
{KFC, McD, Nike} -> {Adidas, Samsung} <=> Confidence: 100.0%
{KFC, McD, Nike} -> {Hublot, Adidas, Samsung} <=> Confidence: 100.0%
{McD, Nike, Hublot} -> {KFC, Adidas} <=> Confidence: 100.0%
{McD, Nike, Hublot} -> {Adidas, Samsung} <=> Confidence: 100.0%
{McD, Nike, Hublot} -> {KFC, Samsung} <=> Confidence: 100.0%
{McD, Nike, Hublot} -> {KFC, Adidas, Samsung} <=> Confidence: 100.0%
{KFC, McD, Nike, Hublot} -> {Adidas} <=> Confidence: 100.0%
{KFC, McD, Nike, Hublot} -> {Samsung} <=> Confidence: 100.0%
{KFC, McD, Nike, Hublot} -> {Adidas, Samsung} <=> Confidence: 100.0%
{KFC, McD, Nike, Adidas} -> {Hublot} <=> Confidence: 100.0%
{KFC, McD, Nike, Adidas} -> {Samsung} <=> Confidence: 100.0%
{KFC, McD, Nike, Adidas} -> {Hublot, Samsung} <=> Confidence: 100.0%
{McD, Nike, Hublot, Adidas} -> {KFC} <=> Confidence: 100.0%
{McD, Nike, Hublot, Adidas} -> {Samsung} <=> Confidence: 100.0%
{McD, Nike, Hublot, Adidas} -> {KFC, Samsung} <=> Confidence: 100.0%
{McD, Nike, Hublot, Samsung} -> {Adidas} <=> Confidence: 100.0%
{McD, Nike, Hublot, Samsung} -> {KFC} <=> Confidence: 100.0%
{McD, Nike, Hublot, Samsung} -> {KFC, Adidas} <=> Confidence: 100.0%
```

```
{McD, Nike, Adidas, Samsung} -> {Hublot} <=> Confidence: 100.0%
{McD, Nike, Adidas, Samsung} -> {KFC} <=> Confidence: 100.0%
{McD, Nike, Adidas, Samsung} -> {KFC, Hublot} <=> Confidence: 100.0%
{KFC, McD, Nike, Samsung} -> {Hublot} <=> Confidence: 100.0%
{KFC, McD, Nike, Samsung} -> {Adidas} <=> Confidence: 100.0%
{KFC, McD, Nike, Samsung} -> {Hublot, Adidas} <=> Confidence: 100.0%
{IQOO, Chanel, Tesla, Coach, Subway} -> {Xiaomi} <=> Confidence: 100.0%
{IQOO, Chanel, Tesla, Coach, Xiaomi} -> {Subway} <=> Confidence: 100.0%
{IQOO, Chanel, Tesla, Subway, Xiaomi} -> {Coach} <=> Confidence: 100.0%
{IQOO, Chanel, Coach, Subway, Xiaomi} -> {Tesla} <=> Confidence: 100.0%
{IQOO, Tesla, Coach, Subway, Xiaomi} -> {Chanel} <=> Confidence: 100.0%
{Chanel, Tesla, Coach, Subway, Xiaomi} -> {IQOO} <=> Confidence: 100.0%
{Chanel, Swiss, Dunkin, Microsoft, Subway} -> {ZARA} <=> Confidence: 100.0%
{Chanel, Swiss, Dunkin, Microsoft, ZARA} -> {Subway} <=> Confidence: 100.0%
{Chanel, Swiss, Dunkin, Subway, ZARA} -> {Microsoft} <=> Confidence: 100.0%
{Chanel, Swiss, Microsoft, Subway, ZARA} -> {Dunkin} <=> Confidence: 100.0%
{Chanel, Dunkin, Microsoft, Subway, ZARA} -> {Swiss} <=> Confidence: 100.0%
{Swiss, Dunkin, Microsoft, Subway, ZARA} -> {Chanel} <=> Confidence: 100.0%
{Audi, Vivo, GUCCI, Starbucks, OnePlus} -> {Titan} <=> Confidence: 100.0%
{Audi, Vivo, GUCCI, Starbucks, Titan} -> {OnePlus} <=> Confidence: 100.0%
{Audi, Vivo, GUCCI, OnePlus, Titan} -> {Starbucks} <=> Confidence: 100.0%
{Audi, Vivo, Starbucks, OnePlus, Titan} -> {GUCCI} <=> Confidence: 100.0%
{Audi, GUCCI, Starbucks, OnePlus, Titan} -> {Vivo} <=> Confidence: 100.0%
{Vivo, GUCCI, Starbucks, OnePlus, Titan} -> {Audi} <=> Confidence: 100.0%
{GUCCI, Starbucks, Hermes, IHOP, Fossil} -> {ROG} <=> Confidence: 100.0%
{GUCCI, Starbucks, Hermes, IHOP, ROG} -> {Fossil} <=> Confidence: 100.0%
{GUCCI, Starbucks, Hermes, Fossil, ROG} -> {IHOP} <=> Confidence: 100.0%
{GUCCI, Starbucks, IHOP, Fossil, ROG} -> {Hermes} <=> Confidence: 100.0%
{GUCCI, Hermes, IHOP, Fossil, ROG} -> {Starbucks} <=> Confidence: 100.0%
{Starbucks, Hermes, IHOP, Fossil, ROG} -> {GUCCI} <=> Confidence: 100.0%
{KFC, McD, Nike, Hublot, Adidas} -> {Samsung} <=> Confidence: 100.0%
{KFC, McD, Nike, Hublot, Samsung} -> {Adidas} <=> Confidence: 100.0%
{KFC, McD, Nike, Adidas, Samsung} -> {Hublot} <=> Confidence: 100.0%
{KFC, McD, Hublot, Adidas, Samsung} -> {Nike} <=> Confidence: 100.0%
{KFC, Nike, Hublot, Adidas, Samsung} -> {McD} <=> Confidence: 100.0%
{McD, Nike, Hublot, Adidas, Samsung} -> {KFC} <=> Confidence: 100.0%
Total Time taken for Computation using Brute Force: 0.9194223022461
```

Database 5:

```
import pandas as pd
import time
from itertools import combinations
import math
db1 = pd.read_csv('d:/5.csv', header = None)
print("Database 5:")
orint(db1)
print()
db1_l = db1.values.tolist() #Converting CSV to List
db1 list = []
for i in db1_l:
 1 = []
  for j in i:
   if type(j) == str: #Removing Nan values (Not A Number) from Transactions
      j = j.strip()
      1.append(j)
 db1 list.append(1)
print("Transactions After Removing Redundancy:")
for i in db1 list:
 print(i)
print()
total_transactions = len(db1_list) #Total No. of. Transactions
min_support = float(input("Minimum Support (In %): "))
min_confidence = float(input("Minimum Confidence (In %): "))
start_time = time.time() #Stores particular instance of time immediately after
triggering the program
s = total_transactions * (min_support / 100) #Converting min_support from
percentage to float
size = 0
ans = []
flist = []
items = []
association_rules = {}
def freq(list_1): #Function to calculate frequency
 f = \{\}
```

```
if size == 0:
    for i in list_l:
      for j in i:
        if j not in f.keys():
          f[j] = 1
          items.append(j)
        else:
          f[j] = f[j] + 1
  elif size>0:
    for i in list_l:
      if i not in f.keys():
        f[i] = 1
      else:
        f[i] += 1
  flist.append(f)
def checkminsup(list_1):
  1=[]
  freq(list 1)
  for i in flist[size].keys():
    1.append(i)
  ans.append(1)
def unique_items(list_1): #Function to return all the unique items
  1 = []
  if size == 1:
   l = list_1
  else:
    for i in list 1:
      for j in i:
        if j not in 1:
          1.append(j)
def calc_sup(count_itemset, count_total): #Function that computes support
 temp s = 100 * (count itemset / count total)
  return temp_s
def calc_conf(count_LHSRHS, count_LHS): #Function that computes confidence
  temp_c = 100 * (count_LHSRHS / count_LHS)
  return temp_c
def fact(a, b): # Return Factorial for Total No of Combinations
  return math.factorial(a)/math.factorial(b)
```

```
def calc_confidence(): #Stores all the subsets of frequent itemsets to
calculate confidence
 for item in fans:
   if (len(item)) < 2: #Confidence cannot be computed for Itemsets of size 1
      continue
   for i in range(1, len(item)):
      LHS = [] #Stores LHS part of the Association Rule
      RHS = [] #Stores RHS part of the Association Rule
      idx = [] #Stores the position of index in the LHS part
      for j in range(i):
        idx.append(j)
      for j in idx:
        LHS.append(item[j])
      for j in range(len(item)):
        if j not in idx:
          RHS.append(item[j])
      total_count = 0 #Total No. of. Transactions in the Database
      LHS count = 0 #Total No. of. Occurences of the item in the LHS part
      for ITEM in range(len(db1_list)):
        if (all(x in db1_list[ITEM] for x in LHS)):
          LHS count += 1
          if (all(x in db1 list[ITEM] for x in RHS)):
            total_count += 1
      temp c = calc conf(calc sup(total count, total transactions),
calc_sup(LHS_count, total_transactions))
      if temp_c >= min_confidence: #Eliminates Association Rules if confidence
< min_confidence</pre>
       key = ""
        val = ""
        for j in LHS:
          key += " " + j
        key = key.strip()
        for j in RHS:
         val += " " + j
        val = val.strip()
        if key in association_rules.keys():
          association rules[key].append([val, round(temp c, 2)])
```

```
else:
          1 = []
          1.append([val, round(temp_c, 2)])
          association_rules[key] = 1
      last_idx = len(idx) - 1
      total_combinations = fact(len(item), i)
      while total_combinations:
        LHS = [] #Emptying LHS
        RHS = [] #Emptying RHS
        for j in range(i-1, -1, -1):
          if (idx[j] < (len(item)-(last_idx-j)-1)):</pre>
            t_idx = idx[j] + 1
            for k in range(j, i):
              idx[k] = t_idx
              t_idx += 1
            break
          else:
            continue
        for j in idx: #Stores LHS
          LHS.append(item[j])
        for j in range(len(item)): #Stores RHS
          if j not in idx:
            RHS.append(item[j])
        total_count = 0 #Total No. of. Transactions in the Database
        LHS_count = 0 #Total No. of. Occurences of the item in the LHS part
        for ITEM in range(len(db1 list)):
          if (all(x in db1_list[ITEM] for x in LHS)):
            LHS count += 1
            if (all(x in db1_list[ITEM] for x in RHS)):
              total_count += 1
        temp_c = calc_conf(calc_sup(total_count, total_transactions),
calc_sup(LHS_count, total_transactions))
        if temp_c < min_confidence:</pre>
          total_combinations -= 1
          continue
```

```
key = "" #Ignores Association Rules if confidence < min_confidence</pre>
        val = ""
        for j in LHS:
          key += " " + j
        key = key.strip()
        for j in RHS:
          val += " " + j
        val = val.strip()
        if key in association_rules.keys():
          if (val not in [item[0] for item in association_rules[key]]):
            association rules[key].append([val, round(temp_c, 2)])
        else:
          temp = []
          temp.append([val, round(temp_c, 2)])
          association_rules[key] = temp
        total_combinations -= 1
if size == 0:
  checkminsup(db1_list) #Helps in identifying Frequent Itemsets of size 1
  size += 1
while len(ans[-1]) > 0: #Helps in identifying Frequent Itemsets of size > 1
  newl1 = unique items(ans[size-1])
  newl1 = combinations(newl1, size+1)
  newl1 = list(newl1)
 f1 = []
  for i in newl1:
    for j in db1 list:
      condition = set(i).issubset(set(j))
      if condition:
        fl.append(frozenset(i))
  checkminsup(fl)
  size += 1
for i in range(len(ans)-1): #Printing all the possible Frequent Itemsets
  print("\nFrequent Itemset", end = "")
 if len(ans[i]) > 1:
    print("s", end = "")
  print(" of Size", i+1, "Satisfying Minimum Support Condition", end = ":\n")
  if i == 0:
    for j in ans[i]:
      fval = flist[i][j]
      print("{", end = "")
      print(j, end = "")
```

```
print("}:", fval)
  else:
    for j in ans[i]:
      fval = flist[i][j]
      k = list(j)
      print("{", end = "")
      for 1 in k[:-1]:
        print(1, end = ", ")
      print(k[-1], end = "}: ")
      print(fval)
fans = []
for i in range(len(ans)):
 if i == 0:
    for j in ans[i]:
     fans.append([j])
  else:
    for j in ans[i]:
      k = list(j)
      fans.append(k)
if(ans[1] != []): #Calculating confidence of all the possible itemsets
  calc_confidence()
  print("\nConfidence of all the Possible Association Rules:")
  for key in association_rules:
    for value in association rules[key]:
      print("{", end = "")
      for j in key:
          print(", ", end = "")
        else:
          print(j, end = "")
      print(") -> {", end = "")
      for j in range(len(value[0])):
        if value[0][j] == " ":
          if j==0:
            continue
          else:
            print(end = ", ")
        else:
          print(value[0][j], end = "")
      print(") <=> Confidence: " + str(value[1]) + "%")
total_time=time.time()-start_time
print("\nTotal Time taken for Computation using Brute Force:",total_time)
```

Output:

```
Database 5:
      0
             1
                    2
                           3
                                 4
                                         5
    Tissot
0
            Bugatti
                               Titan
                                       GUCCI Starbucks
                       Audi
1
               MG
    Casio
                     Fossil
                              Hermes
                                        Chanel
                                                   NaN
2
                     Swiss
                                        Adidas
                                                   KFC
     Audi
              Tata
                               ZARA
3
            Bugatti Tissot
                                H&M Hermes
                                                    IHOP
    Tesla
4
     BMW
               Coach Chanel
                                  Tesla
                                          Coach
                                                   Chanel
5
      MG
             Hublot Adidas
                                 BMW
                                          Hublot
                                                   Adidas
6
     Tata
            Fossil Hermes
                                 MG Fossil
                                                Hermes
7
     Poco
             Swiss
                      ZARA
                               OnePlus
                                           Audi
                                                    NaN
8
   Samsung
               Hublot Adidas
                                   IQOO
                                            Tesla
                                                      NaN
     ROG
9
             Fossil
                    Hermes
                                 Poco
                                          BMW
                                                     NaN
10 Bugatti
                                                      NaN
              Swiss
                       ZARA
                                Samsung
                                              MG
11
     Oppo
              Tissot
                        H&M
                                  ROG
                                           Tata
                                                    NaN
12
      Kia
             Casio
                      Dior Microsoft Bugatti
                                                   NaN
13
    Xiaomi Bugatti
                      Tissot
                                 Oppo Maserati
                                                    Coach
14
     Tesla
            Samsung Bugatti
                                  Swiss
                                           ZARA
                                                    Dunkin
15
      BMW
                 ROG Maserati
                                  Tissot
                                            H&M Popeyes
16
       MG Microsoft
                         Kia
                                Casio
                                         Dior Dominos
     Tata
                                Omega
17
              Oppo Pagani
                                          Puma Chipotle
18 Bugatti
              Omega
                         H&M
                                  Seiko
                                            FILA
                                                    Wendys
               Casio
19 Maserati
                        Dior
                                 Vivo
                                         Kia
                                                  NaN
Transactions After Removing Redundancy:
['Tissot', 'Bugatti', 'Audi', 'Titan', 'GUCCI', 'Starbucks']
['Casio', 'MG', 'Fossil', 'Hermes', 'Chanel']
['Audi', 'Tata', 'Swiss', 'ZARA', 'Adidas', 'KFC']
['Tesla', 'Bugatti', 'Tissot', 'H&M', 'Hermes', 'IHOP']
['BMW', 'Coach', 'Chanel', 'Tesla', 'Coach', 'Chanel']
['MG', 'Hublot', 'Adidas', 'BMW', 'Hublot', 'Adidas']
['Tata', 'Fossil', 'Hermes', 'MG', 'Fossil', 'Hermes']
['Poco', 'Swiss', 'ZARA', 'OnePlus', 'Audi']
['Samsung', 'Hublot', 'Adidas', 'IQOO', 'Tesla']
['ROG', 'Fossil', 'Hermes', 'Poco', 'BMW']
['Bugatti', 'Swiss', 'ZARA', 'Samsung', 'MG']
['Oppo', 'Tissot', 'H&M', 'ROG', 'Tata']
['Kia', 'Casio', 'Dior', 'Microsoft', 'Bugatti']
['Xiaomi', 'Bugatti', 'Tissot', 'Oppo', 'Maserati', 'Coach']
['Tesla', 'Samsung', 'Bugatti', 'Swiss', 'ZARA', 'Dunkin']
['BMW', 'ROG', 'Maserati', 'Tissot', 'H&M', 'Popeyes']
['MG', 'Microsoft', 'Kia', 'Casio', 'Dior', 'Dominos']
['Tata', 'Oppo', 'Pagani', 'Omega', 'Puma', 'Chipotle']
['Bugatti', 'Omega', 'H&M', 'Seiko', 'FILA', 'Wendys']
['Maserati', 'Casio', 'Dior', 'Vivo', 'Kia']
```

```
Minimum Support (In %): 15
Minimum Confidence (In %): 15
Frequent Itemsets of Size 1 Satisfying Minimum Support Condition:
{Tissot}: 5
{Bugatti}: 7
{Audi}: 3
{Titan}: 1
{GUCCI}: 1
{Starbucks}: 1
{Casio}: 4
{MG}: 5
{Fossil}: 4
{Hermes}: 5
{Chanel}: 3
{Tata}: 4
{Swiss}: 4
{ZARA}: 4
{Adidas}: 4
{KFC}: 1
{Tesla}: 4
{H&M}: 4
{IHOP}: 1
{BMW}: 4
{Coach}: 3
{Hublot}: 3
{Poco}: 2
{OnePlus}: 1
{Samsung}: 3
{IQOO}: 1
{ROG}: 3
{Oppo}: 3
{Kia}: 3
{Dior}: 3
{Microsoft}: 2
{Xiaomi}: 1
{Maserati}: 3
{Dunkin}: 1
{Popeyes}: 1
{Dominos}: 1
{Pagani}: 1
{Omega}: 2
{Puma}: 1
{Chipotle}: 1
{Seiko}: 1
{FILA}: 1
```

```
{Wendys}: 1
{Vivo}: 1
Frequent Itemsets of Size 2 Satisfying Minimum Support Condition:
{Tissot, Bugatti}: 3
{Tissot, Audi}: 1
{Titan, Tissot}: 1
{Tissot, GUCCI}: 1
{Tissot, Starbucks}: 1
{Tissot, Hermes}: 1
{Tissot, Tata}: 1
{Tesla, Tissot}: 1
{Tissot, H&M}: 3
{Tissot, IHOP}: 1
{Tissot, BMW}: 1
{Tissot, Coach}: 1
{Tissot, ROG}: 2
{Tissot, Oppo}: 2
{Tissot, Xiaomi}: 1
{Tissot, Maserati}: 2
{Tissot, Popeyes}: 1
{Audi, Bugatti}: 1
{Titan, Bugatti}: 1
{Bugatti, GUCCI}: 1
{Starbucks, Bugatti}: 1
{Bugatti, Casio}: 1
{MG, Bugatti}: 1
{Hermes, Bugatti}: 1
{Bugatti, Swiss}: 2
{ZARA, Bugatti}: 2
{Tesla, Bugatti}: 2
{Bugatti, H&M}: 2
{Bugatti, IHOP}: 1
{Coach, Bugatti}: 1
{Samsung, Bugatti}: 2
{Bugatti, Oppo}: 1
{Bugatti, Kia}: 1
{Bugatti, Dior}: 1
{Bugatti, Microsoft}: 1
{Bugatti, Xiaomi}: 1
{Bugatti, Maserati}: 1
{Bugatti, Dunkin}: 1
{Omega, Bugatti}: 1
{Seiko, Bugatti}: 1
{Bugatti, FILA}: 1
{Bugatti, Wendys}: 1
```

```
{Titan, Audi}: 1
{Audi, GUCCI}: 1
{Starbucks, Audi}: 1
{Audi, Tata}: 1
{Audi, Swiss}: 2
{ZARA, Audi}: 2
{Adidas, Audi}: 1
{Audi, KFC}: 1
{Audi, Poco}: 1
{Audi, OnePlus}: 1
{Titan, GUCCI}: 1
{Titan, Starbucks}: 1
{Starbucks, GUCCI}: 1
{MG, Casio}: 2
{Casio, Fossil}: 1
{Hermes, Casio}: 1
{Casio, Chanel}: 1
{Kia, Casio}: 3
{Casio, Dior}: 3
{Casio, Microsoft}: 2
{Casio, Maserati}: 1
{Dominos, Casio}: 1
{Vivo, Casio}: 1
{MG, Fossil}: 2
{MG, Hermes}: 2
{MG, Chanel}: 1
{MG, Tata}: 1
{MG, Swiss}: 1
{MG, ZARA}: 1
{MG, Adidas}: 1
{MG, BMW}: 1
{MG, Hublot}: 1
{MG, Samsung}: 1
{MG, Kia}: 1
{MG, Dior}: 1
{MG, Microsoft}: 1
{MG, Dominos}: 1
{Hermes, Fossil}: 3
{Chanel, Fossil}: 1
{Tata, Fossil}: 1
{BMW, Fossil}: 1
{Poco, Fossil}: 1
{ROG, Fossil}: 1
{Hermes, Chanel}: 1
{Hermes, Tata}: 1
{Tesla, Hermes}: 1
```

```
{Hermes, H&M}: 1
{Hermes, IHOP}: 1
{BMW, Hermes}: 1
{Poco, Hermes}: 1
{Hermes, ROG}: 1
{Tesla, Chanel}: 1
{BMW, Chanel}: 1
{Coach, Chanel}: 1
{Tata, Swiss}: 1
{ZARA, Tata}: 1
{Adidas, Tata}: 1
{Tata, KFC}: 1
{H&M, Tata}: 1
{ROG, Tata}: 1
{Oppo, Tata}: 2
{Pagani, Tata}: 1
{Omega, Tata}: 1
{Puma, Tata}: 1
{Chipotle, Tata}: 1
{ZARA, Swiss}: 4
{Adidas, Swiss}: 1
{KFC, Swiss}: 1
{Tesla, Swiss}: 1
{Poco, Swiss}: 1
{OnePlus, Swiss}: 1
{Samsung, Swiss}: 2
{Dunkin, Swiss}: 1
{ZARA, Adidas}: 1
{ZARA, KFC}: 1
{ZARA, Tesla}: 1
{ZARA, Poco}: 1
{ZARA, OnePlus}: 1
{ZARA, Samsung}: 2
{ZARA, Dunkin}: 1
{Adidas, KFC}: 1
{Adidas, Tesla}: 1
{Adidas, BMW}: 1
{Adidas, Hublot}: 2
{Adidas, Samsung}: 1
{Adidas, IQOO}: 1
{Tesla, H&M}: 1
{Tesla, IHOP}: 1
{Tesla, BMW}: 1
{Tesla, Coach}: 1
{Tesla, Hublot}: 1
{Tesla, Samsung}: 2
```

```
{Tesla, IQOO}: 1
{Tesla, Dunkin}: 1
{IHOP, H&M}: 1
{BMW, H&M}: 1
{H&M, ROG}: 2
{H&M, Oppo}: 1
{H&M, Maserati}: 1
{H&M, Popeyes}: 1
{Omega, H&M}: 1
{Seiko, H&M}: 1
{H&M, FILA}: 1
{H&M, Wendys}: 1
{BMW, Coach}: 1
{BMW, Hublot}: 1
{BMW, Poco}: 1
{BMW, ROG}: 2
{BMW, Maserati}: 1
{BMW, Popeyes}: 1
{Coach, Oppo}: 1
{Coach, Xiaomi}: 1
{Coach, Maserati}: 1
{Samsung, Hublot}: 1
{IQOO, Hublot}: 1
{OnePlus, Poco}: 1
{Poco, ROG}: 1
{Samsung, IQOO}: 1
{Samsung, Dunkin}: 1
{Oppo, ROG}: 1
{ROG, Maserati}: 1
{Popeyes, ROG}: 1
{Oppo, Xiaomi}: 1
{Oppo, Maserati}: 1
{Pagani, Oppo}: 1
{Omega, Oppo}: 1
{Puma, Oppo}: 1
{Chipotle, Oppo}: 1
{Kia, Dior}: 3
{Kia, Microsoft}: 2
{Kia, Maserati}: 1
{Dominos, Kia}: 1
{Vivo, Kia}: 1
{Dior, Microsoft}: 2
{Dior, Maserati}: 1
{Dominos, Dior}: 1
{Vivo, Dior}: 1
{Dominos, Microsoft}: 1
```

```
{Xiaomi, Maserati}: 1
{Popeyes, Maserati}: 1
{Vivo, Maserati}: 1
{Pagani, Omega}: 1
{Puma, Pagani}: 1
{Pagani, Chipotle}: 1
{Puma, Omega}: 1
{Omega, Chipotle}: 1
{Seiko, Omega}: 1
{Omega, FILA}: 1
{Omega, Wendys}: 1
{Puma, Chipotle}: 1
{Seiko, FILA}: 1
{Seiko, Wendys}: 1
{FILA, Wendys}: 1
Frequent Itemsets of Size 3 Satisfying Minimum Support Condition:
{Tissot, Audi, Bugatti}: 1
{Titan, Tissot, Bugatti}: 1
{Tissot, Bugatti, GUCCI}: 1
{Tissot, Starbucks, Bugatti}: 1
{Tissot, Hermes, Bugatti}: 1
{Tesla, Tissot, Bugatti}: 1
{Tissot, Bugatti, H&M}: 1
{Tissot, Bugatti, IHOP}: 1
{Tissot, Coach, Bugatti}: 1
{Tissot, Bugatti, Oppo}: 1
{Tissot, Bugatti, Xiaomi}: 1
{Tissot, Bugatti, Maserati}: 1
{Titan, Tissot, Audi}: 1
{Tissot, Audi, GUCCI}: 1
{Starbucks, Tissot, Audi}: 1
{Titan, Tissot, GUCCI}: 1
{Titan, Tissot, Starbucks}: 1
{Tissot, Starbucks, GUCCI}: 1
{Tesla, Tissot, Hermes}: 1
{Tissot, Hermes, H&M}: 1
{Tissot, Hermes, IHOP}: 1
{Tissot, H&M, Tata}: 1
{Tissot, ROG, Tata}: 1
{Tissot, Oppo, Tata}: 1
{Tesla, Tissot, H&M}: 1
{Tesla, Tissot, IHOP}: 1
{Tissot, IHOP, H&M}: 1
{Tissot, H&M, BMW}: 1
{Tissot, H&M, ROG}: 2
```

```
{Tissot, H&M, Oppo}: 1
{Tissot, H&M, Maserati}: 1
{Tissot, H&M, Popeyes}: 1
{Tissot, ROG, BMW}: 1
{Tissot, Maserati, BMW}: 1
{Tissot, Popeyes, BMW}: 1
{Tissot, Coach, Oppo}: 1
{Tissot, Coach, Xiaomi}: 1
{Tissot, Coach, Maserati}: 1
{Tissot, Oppo, ROG}: 1
{Tissot, ROG, Maserati}: 1
{Popeyes, Tissot, ROG}: 1
{Tissot, Oppo, Xiaomi}: 1
{Tissot, Oppo, Maserati}: 1
{Tissot, Xiaomi, Maserati}: 1
{Popeyes, Tissot, Maserati}: 1
{Titan, Audi, Bugatti}: 1
{Audi, Bugatti, GUCCI}: 1
{Starbucks, Audi, Bugatti}: 1
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{Tesla, Samsung, Bugatti}: 1
{Tesla, Bugatti, Dunkin}: 1
{Bugatti, H&M, IHOP}: 1
{Omega, Bugatti, H&M}: 1
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{Bugatti, H&M, FILA}: 1
{Bugatti, H&M, Wendys}: 1
{Coach, Bugatti, Oppo}: 1
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{Bugatti, Xiaomi, Maserati}: 1
{Bugatti, Casio, Kia}: 1
{Bugatti, Casio, Dior}: 1
{Bugatti, Casio, Microsoft}: 1
{MG, Bugatti, Swiss}: 1
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{MG, Samsung, Bugatti}: 1
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{Bugatti, Dunkin, Swiss}: 1
{ZARA, Samsung, Bugatti}: 2
{ZARA, Bugatti, Dunkin}: 1
{Samsung, Bugatti, Dunkin}: 1
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{Bugatti, Kia, Microsoft}: 1
{Bugatti, Dior, Microsoft}: 1
{Seiko, Omega, Bugatti}: 1
{Omega, Bugatti, FILA}: 1
{Omega, Bugatti, Wendys}: 1
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{Seiko, Bugatti, Wendys}: 1
{Bugatti, FILA, Wendys}: 1
{Titan, Audi, GUCCI}: 1
{Titan, Audi, Starbucks}: 1
{Starbucks, Audi, GUCCI}: 1
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{Audi, Tata, KFC}: 1
{ZARA, Audi, Swiss}: 2
{Adidas, Audi, Swiss}: 1
{Audi, KFC, Swiss}: 1
{Audi, Poco, Swiss}: 1
{Audi, OnePlus, Swiss}: 1
{ZARA, Audi, Adidas}: 1
{ZARA, Audi, KFC}: 1
{ZARA, Audi, Poco}: 1
{ZARA, Audi, OnePlus}: 1
{Adidas, Audi, KFC}: 1
{Audi, Poco, OnePlus}: 1
{Titan, Starbucks, GUCCI}: 1
{MG, Hermes, Tata}: 1
{Hermes, Tata, Fossil}: 1
{Tesla, Hermes, H&M}: 1
{Tesla, Hermes, IHOP}: 1
{Hermes, H&M, IHOP}: 1
{BMW, Hermes, ROG}: 1
{BMW, Poco, Hermes}: 1
{BMW, Hermes, Fossil}: 1
{Poco, Hermes, ROG}: 1
{Hermes, ROG, Fossil}: 1
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{Poco, Hermes, Fossil}: 1
{Hermes, Chanel, Fossil}: 1
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{H&M, Oppo, Tata}: 1
{Oppo, ROG, Tata}: 1
{Omega, Oppo, Tata}: 1
{Pagani, Oppo, Tata}: 1
{Puma, Oppo, Tata}: 1
{Chipotle, Oppo, Tata}: 1
{MG, Tata, Fossil}: 1
{ZARA, Tata, Swiss}: 1
{Adidas, Tata, Swiss}: 1
{KFC, Tata, Swiss}: 1
{ZARA, Tata, Adidas}: 1
{ZARA, Tata, KFC}: 1
{Omega, Pagani, Tata}: 1
{Puma, Omega, Tata}: 1
{Omega, Chipotle, Tata}: 1
{Adidas, Tata, KFC}: 1
{Puma, Pagani, Tata}: 1
{Pagani, Chipotle, Tata}: 1
{Puma, Chipotle, Tata}: 1
{Tesla, IHOP, H&M}: 1
{Tesla, BMW, Coach}: 1
{Tesla, BMW, Chanel}: 1
{Tesla, Coach, Chanel}: 1
{Tesla, ZARA, Swiss}: 1
{Tesla, Samsung, Swiss}: 1
{Tesla, Dunkin, Swiss}: 1
{Tesla, Samsung, ZARA}: 1
{Tesla, Dunkin, ZARA}: 1
{Tesla, Samsung, Dunkin}: 1
{Tesla, Samsung, Adidas}: 1
{Tesla, Samsung, Hublot}: 1
{Tesla, Samsung, IQOO}: 1
{Tesla, Hublot, Adidas}: 1
{Tesla, IQOO, Adidas}: 1
{Tesla, Hublot, IQOO}: 1
{BMW, H&M, ROG}: 1
{BMW, H&M, Maserati}: 1
{BMW, H&M, Popeyes}: 1
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{H&M, ROG, Oppo}: 1
{H&M, ROG, Maserati}: 1
{Popeyes, H&M, ROG}: 1
{Popeyes, H&M, Maserati}: 1
{Seiko, Omega, H&M}: 1
{Omega, H&M, FILA}: 1
{Omega, H&M, Wendys}: 1
{Seiko, H&M, FILA}: 1
{Seiko, H&M, Wendys}: 1
{H&M, FILA, Wendys}: 1
{BMW, Coach, Chanel}: 1
{BMW, ROG, Maserati}: 1
{Popeyes, BMW, ROG}: 1
{BMW, Poco, ROG}: 1
{BMW, ROG, Fossil}: 1
{Popeyes, BMW, Maserati}: 1
{MG, BMW, Adidas}: 1
{MG, BMW, Hublot}: 1
{Adidas, BMW, Hublot}: 1
{BMW, Poco, Fossil}: 1
{Coach, Oppo, Xiaomi}: 1
{Coach, Oppo, Maserati}: 1
{Coach, Xiaomi, Maserati}: 1
{Popeyes, ROG, Maserati}: 1
{Poco, ROG, Fossil}: 1
{Oppo, Xiaomi, Maserati}: 1
{Omega, Pagani, Oppo}: 1
{Puma, Omega, Oppo}: 1
{Omega, Chipotle, Oppo}: 1
{Puma, Pagani, Oppo}: 1
{Pagani, Chipotle, Oppo}: 1
{Puma, Chipotle, Oppo}: 1
{Kia, Casio, Maserati}: 1
{Dior, Casio, Maserati}: 1
{Vivo, Casio, Maserati}: 1
{Kia, Dior, Maserati}: 1
{Vivo, Kia, Maserati}: 1
{Vivo, Dior, Maserati}: 1
{MG, Kia, Casio}: 1
{MG, Casio, Dior}: 1
{MG, Casio, Microsoft}: 1
{MG, Casio, Fossil}: 1
{MG, Casio, Chanel}: 1
{MG, Dominos, Casio}: 1
{Kia, Casio, Dior}: 3
{Kia, Casio, Microsoft}: 2
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{Dominos, Kia, Casio}: 1
{Vivo, Kia, Casio}: 1
{Casio, Dior, Microsoft}: 2
{Dominos, Casio, Dior}: 1
{Vivo, Casio, Dior}: 1
{Dominos, Casio, Microsoft}: 1
{Casio, Chanel, Fossil}: 1
{MG, ZARA, Swiss}: 1
{MG, Samsung, Swiss}: 1
{MG, Samsung, ZARA}: 1
{MG, Kia, Dior}: 1
{MG, Kia, Microsoft}: 1
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{MG, Dominos, Microsoft}: 1
{MG, Hublot, Adidas}: 1
{MG, Chanel, Fossil}: 1
{ZARA, Samsung, Swiss}: 2
{ZARA, Dunkin, Swiss}: 1
{ZARA, Adidas, Swiss}: 1
{ZARA, KFC, Swiss}: 1
{ZARA, Poco, Swiss}: 1
{ZARA, OnePlus, Swiss}: 1
{Samsung, Dunkin, Swiss}: 1
{Adidas, KFC, Swiss}: 1
{OnePlus, Poco, Swiss}: 1
{ZARA, Samsung, Dunkin}: 1
{ZARA, KFC, Adidas}: 1
{ZARA, OnePlus, Poco}: 1
{Samsung, Hublot, Adidas}: 1
{Samsung, IOOO, Adidas}: 1
{Samsung, Hublot, IQOO}: 1
{Kia, Dior, Microsoft}: 2
{Dominos, Kia, Dior}: 1
{Vivo, Kia, Dior}: 1
{Dominos, Kia, Microsoft}: 1
{Dominos, Dior, Microsoft}: 1
{Seiko, Omega, FILA}: 1
{Seiko, Omega, Wendys}: 1
{Omega, FILA, Wendys}: 1
{Puma, Omega, Pagani}: 1
{Omega, Pagani, Chipotle}: 1
{Puma, Omega, Chipotle}: 1
{Seiko, FILA, Wendys}: 1
{Adidas, Hublot, IOOO}: 1
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{Puma, Pagani, Chipotle}: 1
Frequent Itemsets of Size 4 Satisfying Minimum Support Condition:
{Titan, Tissot, Audi, Bugatti}: 1
{Tissot, Audi, Bugatti, GUCCI}: 1
{Starbucks, Tissot, Audi, Bugatti}: 1
{Titan, Tissot, Audi, GUCCI}: 1
{Titan, Tissot, Audi, Starbucks}: 1
{Starbucks, Tissot, Audi, GUCCI}: 1
{Titan, Tissot, Bugatti, GUCCI}: 1
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{Tissot, Starbucks, Bugatti, GUCCI}: 1
{Tesla, Tissot, Hermes, Bugatti}: 1
{Tissot, Hermes, Bugatti, H&M}: 1
{Tissot, Hermes, Bugatti, IHOP}: 1
{Tesla, Tissot, Bugatti, H&M}: 1
{Tesla, Tissot, Bugatti, IHOP}: 1
{Tissot, Bugatti, H&M, IHOP}: 1
{Tissot, Coach, Bugatti, Oppo}: 1
{Tissot, Coach, Bugatti, Xiaomi}: 1
{Tissot, Coach, Bugatti, Maserati}: 1
{Tissot, Bugatti, Oppo, Xiaomi}: 1
{Tissot, Bugatti, Oppo, Maserati}: 1
{Tissot, Bugatti, Xiaomi, Maserati}: 1
{Titan, Tissot, Starbucks, GUCCI}: 1
{Tesla, Tissot, Hermes, H&M}: 1
{Tesla, Tissot, Hermes, IHOP}: 1
{Tissot, Hermes, H&M, IHOP}: 1
{Tesla, Tissot, IHOP, H&M}: 1
{Tissot, H&M, Oppo, Tata}: 1
{Tissot, H&M, Oppo, ROG}: 1
{Tissot, H&M, Maserati, ROG}: 1
{Tissot, H&M, Maserati, BMW}: 1
{Popeyes, Tissot, H&M, Maserati}: 1
{Tissot, H&M, ROG, Tata}: 1
{Tissot, H&M, ROG, BMW}: 1
{Popeyes, Tissot, H&M, ROG}: 1
{Tissot, H&M, Popeyes, BMW}: 1
{Tissot, Coach, Oppo, Xiaomi}: 1
{Tissot, Coach, Oppo, Maserati}: 1
{Tissot, Coach, Xiaomi, Maserati}: 1
{Tissot, Oppo, Xiaomi, Maserati}: 1
{Tissot, Oppo, ROG, Tata}: 1
{Tissot, Maserati, ROG, BMW}: 1
{Popeyes, Tissot, Maserati, ROG}: 1
{Popeves, Tissot, Maserati, BMW}: 1
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{Popeyes, Tissot, ROG, BMW}: 1
{Titan, Audi, Bugatti, GUCCI}: 1
{Titan, Audi, Bugatti, Starbucks}: 1
{Starbucks, Audi, Bugatti, GUCCI}: 1
{Titan, Audi, GUCCI, Starbucks}: 1
{ZARA, Audi, Tata, Swiss}: 1
{Adidas, Audi, Tata, Swiss}: 1
{Audi, KFC, Tata, Swiss}: 1
{ZARA, Audi, Tata, Adidas}: 1
{ZARA, Audi, Tata, KFC}: 1
{Adidas, Audi, Tata, KFC}: 1
{ZARA, Audi, Adidas, Swiss}: 1
{ZARA, Audi, KFC, Swiss}: 1
{ZARA, Audi, Poco, Swiss}: 1
{ZARA, Audi, OnePlus, Swiss}: 1
{Adidas, Audi, KFC, Swiss}: 1
{Audi, Poco, OnePlus, Swiss}: 1
{ZARA, Audi, KFC, Adidas}: 1
{ZARA, Audi, Poco, OnePlus}: 1
{Titan, Starbucks, Bugatti, GUCCI}: 1
{Tesla, Hermes, Bugatti, H&M}: 1
{Tesla, Hermes, Bugatti, IHOP}: 1
{Hermes, Bugatti, H&M, IHOP}: 1
{Tesla, Bugatti, H&M, IHOP}: 1
{Tesla, ZARA, Bugatti, Swiss}: 1
{Tesla, Samsung, Bugatti, Swiss}: 1
{Tesla, Bugatti, Dunkin, Swiss}: 1
{Tesla, Samsung, Bugatti, ZARA}: 1
{Tesla, Bugatti, Dunkin, ZARA}: 1
{Tesla, Samsung, Bugatti, Dunkin}: 1
{Seiko, Omega, Bugatti, H&M}: 1
{Omega, Bugatti, H&M, FILA}: 1
{Omega, Bugatti, H&M, Wendys}: 1
{Seiko, Bugatti, H&M, FILA}: 1
{Seiko, Bugatti, H&M, Wendys}: 1
{Bugatti, H&M, FILA, Wendys}: 1
{Coach, Bugatti, Oppo, Xiaomi}: 1
{Coach, Bugatti, Oppo, Maserati}: 1
{Coach, Bugatti, Xiaomi, Maserati}: 1
{Bugatti, Oppo, Xiaomi, Maserati}: 1
{ZARA, Samsung, Bugatti, Swiss}: 2
{ZARA, Bugatti, Dunkin, Swiss}: 1
{ZARA, Bugatti, MG, Swiss}: 1
{Samsung, Bugatti, Dunkin, Swiss}: 1
{Samsung, Bugatti, MG, Swiss}: 1
{ZARA, Samsung, Bugatti, Dunkin}: 1
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{ZARA, Samsung, Bugatti, MG}: 1
{Seiko, Omega, Bugatti, FILA}: 1
{Seiko, Omega, Bugatti, Wendys}: 1
{Omega, Bugatti, FILA, Wendys}: 1
{Seiko, Bugatti, FILA, Wendys}: 1
{Bugatti, Casio, Dior, Kia}: 1
{Bugatti, Casio, Kia, Microsoft}: 1
{Bugatti, Casio, Dior, Microsoft}: 1
{Bugatti, Kia, Dior, Microsoft}: 1
{Tesla, Hermes, H&M, IHOP}: 1
{MG, Hermes, Tata, Fossil}: 1
{BMW, Poco, Hermes, ROG}: 1
{BMW, Hermes, ROG, Fossil}: 1
{Poco, Hermes, ROG, Fossil}: 1
{BMW, Poco, Hermes, Fossil}: 1
{MG, Hermes, Casio, Fossil}: 1
{MG, Hermes, Casio, Chanel}: 1
{Hermes, Casio, Chanel, Fossil}: 1
{MG, Hermes, Chanel, Fossil}: 1
{Tesla, BMW, Coach, Chanel}: 1
{Tesla, ZARA, Samsung, Swiss}: 1
{Tesla, ZARA, Dunkin, Swiss}: 1
{Tesla, Samsung, Dunkin, Swiss}: 1
{Tesla, Samsung, Dunkin, ZARA}: 1
{Tesla, Samsung, Hublot, Adidas}: 1
{Tesla, Samsung, IQOO, Adidas}: 1
{Tesla, Samsung, Hublot, IQOO}: 1
{Tesla, Hublot, IQOO, Adidas}: 1
{ROG, H&M, Oppo, Tata}: 1
{BMW, H&M, Maserati, ROG}: 1
{Popeyes, H&M, Maserati, ROG}: 1
{Popeyes, BMW, H&M, Maserati}: 1
{Popeyes, BMW, H&M, ROG}: 1
{Seiko, Omega, H&M, FILA}: 1
{Seiko, Omega, H&M, Wendys}: 1
{Omega, H&M, FILA, Wendys}: 1
{Seiko, H&M, FILA, Wendys}: 1
{Coach, Oppo, Xiaomi, Maserati}: 1
{Omega, Pagani, Oppo, Tata}: 1
{Puma, Omega, Oppo, Tata}: 1
{Omega, Chipotle, Oppo, Tata}: 1
{Puma, Pagani, Oppo, Tata}: 1
{Pagani, Chipotle, Oppo, Tata}: 1
{Puma, Chipotle, Oppo, Tata}: 1
{Puma, Omega, Pagani, Oppo}: 1
{Omega, Pagani, Chipotle, Oppo}: 1
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{Puma, Omega, Chipotle, Oppo}: 1
{Puma, Pagani, Chipotle, Oppo}: 1
{Popeyes, BMW, Maserati, ROG}: 1
{Dior, Kia, Casio, Maserati}: 1
{Vivo, Kia, Casio, Maserati}: 1
{Dior, Vivo, Casio, Maserati}: 1
{Vivo, Kia, Dior, Maserati}: 1
{ZARA, Adidas, Tata, Swiss}: 1
{ZARA, KFC, Tata, Swiss}: 1
{Adidas, KFC, Tata, Swiss}: 1
{ZARA, KFC, Tata, Adidas}: 1
{Puma, Omega, Pagani, Tata}: 1
{Omega, Pagani, Chipotle, Tata}: 1
{Puma, Omega, Chipotle, Tata}: 1
{Puma, Pagani, Chipotle, Tata}: 1
{BMW, Poco, ROG, Fossil}: 1
{MG, BMW, Hublot, Adidas}: 1
{ZARA, Samsung, Dunkin, Swiss}: 1
{ZARA, Samsung, MG, Swiss}: 1
{ZARA, Adidas, KFC, Swiss}: 1
{ZARA, OnePlus, Poco, Swiss}: 1
{Samsung, Hublot, IQOO, Adidas}: 1
{Seiko, Omega, FILA, Wendys}: 1
{Puma, Omega, Pagani, Chipotle}: 1
{Kia, Casio, Dior, Microsoft}: 2
{MG, Kia, Casio, Dior}: 1
{Vivo, Kia, Casio, Dior}: 1
{Dominos, Kia, Casio, Dior}: 1
{MG, Kia, Casio, Microsoft}: 1
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{MG, Casio, Dior, Microsoft}: 1
{Dominos, Casio, Dior, Microsoft}: 1
{MG, Dominos, Casio, Dior}: 1
{MG, Dominos, Casio, Microsoft}: 1
{MG, Casio, Chanel, Fossil}: 1
{MG, Kia, Dior, Microsoft}: 1
{Dominos, Kia, Dior, Microsoft}: 1
{MG, Dominos, Kia, Dior}: 1
{MG, Dominos, Kia, Microsoft}: 1
{MG, Dominos, Dior, Microsoft}: 1
Frequent Itemsets of Size 5 Satisfying Minimum Support Condition:
{Titan, Audi, Bugatti, Tissot, GUCCI}: 1
{Titan, Audi, Bugatti, Tissot, Starbucks}: 1
{Titan, Audi, Tissot, Starbucks, GUCCI}: 1
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{Titan, Bugatti, Tissot, Starbucks, GUCCI}: 1
{Titan, Audi, Bugatti, Starbucks, GUCCI}: 1
{Audi, Bugatti, Tissot, Starbucks, GUCCI}: 1
{Hermes, Bugatti, Tesla, Tissot, H&M}: 1
{Hermes, Bugatti, IHOP, Tesla, Tissot}: 1
{Bugatti, IHOP, Tesla, Tissot, H&M}: 1
{Hermes, Bugatti, IHOP, Tissot, H&M}: 1
{Bugatti, Oppo, Tissot, Coach, Xiaomi}: 1
{Bugatti, Oppo, Tissot, Coach, Maserati}: 1
{Bugatti, Tissot, Coach, Maserati, Xiaomi}: 1
{Bugatti, Oppo, Tissot, Maserati, Xiaomi}: 1
{Hermes, IHOP, Tesla, Tissot, H&M}: 1
{Oppo, Tissot, ROG, Tata, H&M}: 1
{Tissot, BMW, ROG, H&M, Maserati}: 1
{Tissot, Popeyes, ROG, H&M, Maserati}: 1
{Tissot, BMW, Popeyes, H&M, Maserati}: 1
{Tissot, BMW, Popeyes, ROG, H&M}: 1
{Oppo, Tissot, Coach, Maserati, Xiaomi}: 1
{Tissot, BMW, Popeyes, ROG, Maserati}: 1
{ZARA, Adidas, Audi, Swiss, Tata}: 1
{ZARA, Audi, Swiss, Tata, KFC}: 1
{ZARA, Adidas, Audi, Tata, KFC}: 1
{Adidas, Audi, Swiss, Tata, KFC}: 1
{ZARA, Adidas, Audi, Swiss, KFC}: 1
{ZARA, Audi, Swiss, Poco, OnePlus}: 1
{Hermes, Bugatti, IHOP, Tesla, H&M}: 1
{ZARA, Bugatti, Tesla, Swiss, Samsung}: 1
{ZARA, Bugatti, Tesla, Swiss, Dunkin}: 1
{ZARA, Bugatti, Tesla, Samsung, Dunkin}: 1
{Bugatti, Tesla, Swiss, Samsung, Dunkin}: 1
{Bugatti, Seiko, FILA, Omega, H&M}: 1
{Bugatti, Wendys, Seiko, Omega, H&M}: 1
{Bugatti, Wendys, Seiko, FILA, H&M}: 1
{Bugatti, Wendys, FILA, Omega, H&M}: 1
{Bugatti, Oppo, Coach, Maserati, Xiaomi}: 1
{ZARA, Bugatti, Swiss, Samsung, Dunkin}: 1
{ZARA, Bugatti, Swiss, Samsung, MG}: 1
{Bugatti, Wendys, Seiko, FILA, Omega}: 1
{Bugatti, Casio, Dior, Microsoft, Kia}: 1
{ZARA, Tesla, Swiss, Samsung, Dunkin}: 1
{Adidas, Tesla, IQOO, Samsung, Hublot}: 1
{Hermes, BMW, Poco, ROG, Fossil}: 1
{Hermes, Casio, Chanel, MG, Fossil}: 1
{BMW, Popeyes, ROG, H&M, Maserati}: 1
{Wendys, Seiko, FILA, Omega, H&M}: 1
{Pagani, Oppo, Tata, Puma, Omega}: 1
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{Pagani, Chipotle, Oppo, Tata, Omega}: 1
{Chipotle, Oppo, Tata, Puma, Omega}: 1
{Pagani, Chipotle, Oppo, Tata, Puma}: 1
{Pagani, Chipotle, Oppo, Puma, Omega}: 1
{Casio, Vivo, Dior, Kia, Maserati}: 1
{ZARA, Adidas, Swiss, Tata, KFC}: 1
{Pagani, Chipotle, Tata, Puma, Omega}: 1
{Casio, Dior, MG, Microsoft, Kia}: 1
{Dominos, Casio, Dior, MG, Kia}: 1
{Dominos, Casio, Dior, MG, Microsoft}: 1
{Dominos, Casio, MG, Microsoft, Kia}: 1
{Dominos, Dior, MG, Microsoft, Kia}: 1
{Dominos, Casio, Dior, Microsoft, Kia}: 1
Frequent Itemsets of Size 6 Satisfying Minimum Support Condition:
{Titan, Audi, Bugatti, Tissot, Starbucks, GUCCI}: 1
{ZARA, Adidas, Audi, Swiss, Tata, KFC}: 1
{Hermes, Bugatti, IHOP, Tesla, Tissot, H&M}: 1
{Bugatti, Oppo, Tissot, Coach, Maserati, Xiaomi}: 1
{ZARA, Bugatti, Tesla, Swiss, Samsung, Dunkin}: 1
{Bugatti, Wendys, Seiko, FILA, Omega, H&M}: 1
{Tissot, BMW, ROG, Popeyes, H&M, Maserati}: 1
{Pagani, Chipotle, Oppo, Tata, Puma, Omega}: 1
{Dominos, Casio, Dior, MG, Microsoft, Kia}: 1
Confidence of all the Possible Association Rules:
{Tissot} -> {Bugatti} <=> Confidence: 60.0%
{Tissot} -> {Audi} <=> Confidence: 20.0%
{Tissot} -> {Titan} <=> Confidence: 20.0%
{Tissot} -> {GUCCI} <=> Confidence: 20.0%
{Tissot} -> {Starbucks} <=> Confidence: 20.0%
{Tissot} -> {Hermes} <=> Confidence: 20.0%
{Tissot} -> {Tata} <=> Confidence: 20.0%
{Tissot} -> {Tesla} <=> Confidence: 20.0%
{Tissot} -> {H&M} <=> Confidence: 60.0%
{Tissot} -> {IHOP} <=> Confidence: 20.0%
{Tissot} -> {BMW} <=> Confidence: 20.0%
{Tissot} -> {Coach} <=> Confidence: 20.0%
{Tissot} -> {ROG} <=> Confidence: 40.0%
{Tissot} -> {Oppo} <=> Confidence: 40.0%
{Tissot} -> {Xiaomi} <=> Confidence: 20.0%
{Tissot} -> {Maserati} <=> Confidence: 40.0%
{Tissot} -> {Popeyes} <=> Confidence: 20.0%
{Tissot} -> {Audi, Bugatti} <=> Confidence: 20.0%
{Tissot} -> {Titan, Bugatti} <=> Confidence: 20.0%
{Tissot} -> {Bugatti, GUCCI} <=> Confidence: 20.0%
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{Tissot} -> {Starbucks, Bugatti} <=> Confidence: 20.0%
{Tissot} -> {Hermes, Bugatti} <=> Confidence: 20.0%
{Tissot} -> {Tesla, Bugatti} <=> Confidence: 20.0%
{Tissot} -> {Bugatti, H&M} <=> Confidence: 20.0%
{Tissot} -> {Bugatti, IHOP} <=> Confidence: 20.0%
{Tissot} -> {Coach, Bugatti} <=> Confidence: 20.0%
{Tissot} -> {Bugatti, Oppo} <=> Confidence: 20.0%
{Tissot} -> {Bugatti, Xiaomi} <=> Confidence: 20.0%
{Tissot} -> {Bugatti, Maserati} <=> Confidence: 20.0%
{Tissot} -> {Titan, Audi} <=> Confidence: 20.0%
{Tissot} -> {Audi, GUCCI} <=> Confidence: 20.0%
{Tissot} -> {Starbucks, Audi} <=> Confidence: 20.0%
{Tissot} -> {Titan, GUCCI} <=> Confidence: 20.0%
{Tissot} -> {Titan, Starbucks} <=> Confidence: 20.0%
{Tissot} -> {Starbucks, GUCCI} <=> Confidence: 20.0%
{Tissot} -> {Tesla, Hermes} <=> Confidence: 20.0%
\{Tissot\} \rightarrow \{Hermes, H\&M\} \iff Confidence: 20.0\%
{Tissot} -> {Hermes, IHOP} <=> Confidence: 20.0%
{Tissot} -> {H&M, Tata} <=> Confidence: 20.0%
{Tissot} -> {ROG, Tata} <=> Confidence: 20.0%
{Tissot} -> {Oppo, Tata} <=> Confidence: 20.0%
{Tissot} -> {Tesla, H&M} <=> Confidence: 20.0%
{Tissot} -> {Tesla, IHOP} <=> Confidence: 20.0%
{Tissot} -> {IHOP, H&M} <=> Confidence: 20.0%
{Tissot} -> {H&M, BMW} <=> Confidence: 20.0%
{Tissot} -> {H&M, ROG} <=> Confidence: 40.0%
{Tissot} -> {H&M, Oppo} <=> Confidence: 20.0%
{Tissot} -> {H&M, Maserati} <=> Confidence: 20.0%
{Tissot} -> {H&M, Popeyes} <=> Confidence: 20.0%
{Tissot} -> {ROG, BMW} <=> Confidence: 20.0%
{Tissot} -> {Maserati, BMW} <=> Confidence: 20.0%
{Tissot} -> {Popeyes, BMW} <=> Confidence: 20.0%
{Tissot} -> {Coach, Oppo} <=> Confidence: 20.0%
{Tissot} -> {Coach, Xiaomi} <=> Confidence: 20.0%
{Tissot} -> {Coach, Maserati} <=> Confidence: 20.0%
{Tissot} -> {Oppo, ROG} <=> Confidence: 20.0%
{Tissot} -> {ROG, Maserati} <=> Confidence: 20.0%
{Tissot} -> {Popeyes, ROG} <=> Confidence: 20.0%
{Tissot} -> {Oppo, Xiaomi} <=> Confidence: 20.0%
{Tissot} -> {Oppo, Maserati} <=> Confidence: 20.0%
{Tissot} -> {Xiaomi, Maserati} <=> Confidence: 20.0%
{Tissot} -> {Popeyes, Maserati} <=> Confidence: 20.0%
{Tissot} -> {Titan, Audi, Bugatti} <=> Confidence: 20.0%
{Tissot} -> {Audi, Bugatti, GUCCI} <=> Confidence: 20.0%
{Tissot} -> {Starbucks, Audi, Bugatti} <=> Confidence: 20.0%
{Tissot} -> {Titan, Audi, GUCCI} <=> Confidence: 20.0%
```

```
{Tissot} -> {Titan, Audi, Starbucks} <=> Confidence: 20.0%
{Tissot} -> {Starbucks, Audi, GUCCI} <=> Confidence: 20.0%
{Tissot} -> {Titan, Bugatti, GUCCI} <=> Confidence: 20.0%
{Tissot} -> {Titan, Starbucks, Bugatti} <=> Confidence: 20.0%
{Tissot} -> {Starbucks, Bugatti, GUCCI} <=> Confidence: 20.0%
{Tissot} -> {Tesla, Hermes, Bugatti} <=> Confidence: 20.0%
{Tissot} -> {Hermes, Bugatti, H&M} <=> Confidence: 20.0%
{Tissot} -> {Hermes, Bugatti, IHOP} <=> Confidence: 20.0%
{Tissot} -> {Tesla, Bugatti, H&M} <=> Confidence: 20.0%
{Tissot} -> {Tesla, Bugatti, IHOP} <=> Confidence: 20.0%
{Tissot} -> {Bugatti, H&M, IHOP} <=> Confidence: 20.0%
{Tissot} -> {Coach, Bugatti, Oppo} <=> Confidence: 20.0%
{Tissot} -> {Coach, Bugatti, Xiaomi} <=> Confidence: 20.0%
{Tissot} -> {Coach, Bugatti, Maserati} <=> Confidence: 20.0%
{Tissot} -> {Bugatti, Oppo, Xiaomi} <=> Confidence: 20.0%
{Tissot} -> {Bugatti, Oppo, Maserati} <=> Confidence: 20.0%
{Tissot} -> {Bugatti, Xiaomi, Maserati} <=> Confidence: 20.0%
{Tissot} -> {Titan, Starbucks, GUCCI} <=> Confidence: 20.0%
{Tissot} -> {Tesla, Hermes, H&M} <=> Confidence: 20.0%
{Tissot} -> {Tesla, Hermes, IHOP} <=> Confidence: 20.0%
{Tissot} -> {Hermes, H&M, IHOP} <=> Confidence: 20.0%
{Tissot} -> {Tesla, IHOP, H&M} <=> Confidence: 20.0%
{Tissot} -> {H&M, Oppo, Tata} <=> Confidence: 20.0%
{Tissot} -> {H&M, Oppo, ROG} <=> Confidence: 20.0%
{Tissot} -> {H&M, Maserati, ROG} <=> Confidence: 20.0%
{Tissot} -> {H&M, Maserati, BMW} <=> Confidence: 20.0%
{Tissot} -> {Popeyes, H&M, Maserati} <=> Confidence: 20.0%
{Tissot} -> {H&M, ROG, Tata} <=> Confidence: 20.0%
{Tissot} -> {H&M, ROG, BMW} <=> Confidence: 20.0%
{Tissot} -> {Popeyes, H&M, ROG} <=> Confidence: 20.0%
{Tissot} -> {H&M, Popeyes, BMW} <=> Confidence: 20.0%
{Tissot} -> {Coach, Oppo, Xiaomi} <=> Confidence: 20.0%
{Tissot} -> {Coach, Oppo, Maserati} <=> Confidence: 20.0%
{Tissot} -> {Coach, Xiaomi, Maserati} <=> Confidence: 20.0%
{Tissot} -> {Oppo, Xiaomi, Maserati} <=> Confidence: 20.0%
{Tissot} -> {Oppo, ROG, Tata} <=> Confidence: 20.0%
{Tissot} -> {Maserati, ROG, BMW} <=> Confidence: 20.0%
{Tissot} -> {Popeyes, Maserati, ROG} <=> Confidence: 20.0%
{Tissot} -> {Popeyes, Maserati, BMW} <=> Confidence: 20.0%
{Tissot} -> {Popeyes, ROG, BMW} <=> Confidence: 20.0%
{Tissot} -> {Titan, Audi, Bugatti, GUCCI} <=> Confidence: 20.0%
{Tissot} -> {Titan, Audi, Bugatti, Starbucks} <=> Confidence: 20.0%
{Tissot} -> {Titan, Audi, Starbucks, GUCCI} <=> Confidence: 20.0%
{Tissot} -> {Titan, Bugatti, Starbucks, GUCCI} <=> Confidence: 20.0%
{Tissot} -> {Audi, Bugatti, Starbucks, GUCCI} <=> Confidence: 20.0%
{Tissot} -> {Hermes, Bugatti, Tesla, H&M} <=> Confidence: 20.0%
```

```
{Tissot} -> {Hermes, Bugatti, IHOP, Tesla} <=> Confidence: 20.0%
{Tissot} -> {Bugatti, IHOP, Tesla, H&M} <=> Confidence: 20.0%
{Tissot} -> {Hermes, Bugatti, IHOP, H&M} <=> Confidence: 20.0%
{Tissot} -> {Bugatti, Oppo, Coach, Xiaomi} <=> Confidence: 20.0%
{Tissot} -> {Bugatti, Oppo, Coach, Maserati} <=> Confidence: 20.0%
{Tissot} -> {Bugatti, Coach, Maserati, Xiaomi} <=> Confidence: 20.0%
{Tissot} -> {Bugatti, Oppo, Maserati, Xiaomi} <=> Confidence: 20.0%
{Tissot} -> {Hermes, IHOP, Tesla, H&M} <=> Confidence: 20.0%
{Tissot} -> {Oppo, ROG, Tata, H&M} <=> Confidence: 20.0%
{Tissot} -> {BMW, ROG, H&M, Maserati} <=> Confidence: 20.0%
{Tissot} -> {Popeyes, ROG, H&M, Maserati} <=> Confidence: 20.0%
{Tissot} -> {BMW, Popeyes, H&M, Maserati} <=> Confidence: 20.0%
{Tissot} -> {BMW, Popeyes, ROG, H&M} <=> Confidence: 20.0%
{Tissot} -> {Oppo, Coach, Maserati, Xiaomi} <=> Confidence: 20.0%
{Tissot} -> {BMW, Popeyes, ROG, Maserati} <=> Confidence: 20.0%
{Tissot} -> {Titan, Audi, Bugatti, Starbucks, GUCCI} <=> Confidence: 20.0%
{Tissot} -> {Hermes, Bugatti, IHOP, Tesla, H&M} <=> Confidence: 20.0%
{Tissot} -> {Bugatti, Oppo, Coach, Maserati, Xiaomi} <=> Confidence: 20.0%
{Tissot} -> {BMW, ROG, Popeyes, H&M, Maserati} <=> Confidence: 20.0%
{Bugatti} -> {Tissot} <=> Confidence: 42.86%
{Bugatti} -> {Swiss} <=> Confidence: 28.57%
{Bugatti} -> {ZARA} <=> Confidence: 28.57%
{Bugatti} -> {Tesla} <=> Confidence: 28.57%
{Bugatti} -> {H&M} <=> Confidence: 28.57%
{Bugatti} -> {Samsung} <=> Confidence: 28.57%
{Bugatti} -> {ZARA, Swiss} <=> Confidence: 28.57%
{Bugatti} -> {Samsung, Swiss} <=> Confidence: 28.57%
{Bugatti} -> {ZARA, Samsung} <=> Confidence: 28.57%
{Bugatti} -> {ZARA, Samsung, Swiss} <=> Confidence: 28.57%
{Audi} -> {Tissot} <=> Confidence: 33.33%
{Audi} -> {Bugatti} <=> Confidence: 33.33%
{Audi} -> {Titan} <=> Confidence: 33.33%
{Audi} -> {GUCCI} <=> Confidence: 33.33%
{Audi} -> {Starbucks} <=> Confidence: 33.33%
{Audi} -> {Tata} <=> Confidence: 33.33%
{Audi} -> {Swiss} <=> Confidence: 66.67%
{Audi} -> {ZARA} <=> Confidence: 66.67%
{Audi} -> {Adidas} <=> Confidence: 33.33%
{Audi} -> {KFC} <=> Confidence: 33.33%
{Audi} -> {Poco} <=> Confidence: 33.33%
{Audi} -> {OnePlus} <=> Confidence: 33.33%
{Audi} -> {Tissot, Bugatti} <=> Confidence: 33.33%
{Audi} -> {Titan, Tissot} <=> Confidence: 33.33%
{Audi} -> {Tissot, GUCCI} <=> Confidence: 33.33%
{Audi} -> {Starbucks, Tissot} <=> Confidence: 33.33%
{Audi} -> {Titan, Bugatti} <=> Confidence: 33.33%
```

```
{Audi} -> {Bugatti, GUCCI} <=> Confidence: 33.33%
{Audi} -> {Starbucks, Bugatti} <=> Confidence: 33.33%
{Audi} -> {Titan, GUCCI} <=> Confidence: 33.33%
{Audi} -> {Titan, Starbucks} <=> Confidence: 33.33%
{Audi} -> {Starbucks, GUCCI} <=> Confidence: 33.33%
{Audi} -> {Tata, Swiss} <=> Confidence: 33.33%
{Audi} -> {ZARA, Tata} <=> Confidence: 33.33%
{Audi} -> {Adidas, Tata} <=> Confidence: 33.33%
{Audi} -> {Tata, KFC} <=> Confidence: 33.33%
{Audi} -> {ZARA, Swiss} <=> Confidence: 66.67%
{Audi} -> {Adidas, Swiss} <=> Confidence: 33.33%
{Audi} -> {KFC, Swiss} <=> Confidence: 33.33%
{Audi} -> {Poco, Swiss} <=> Confidence: 33.33%
{Audi} -> {OnePlus, Swiss} <=> Confidence: 33.33%
{Audi} -> {ZARA, Adidas} <=> Confidence: 33.33%
{Audi} -> {ZARA, KFC} <=> Confidence: 33.33%
{Audi} -> {ZARA, Poco} <=> Confidence: 33.33%
{Audi} -> {ZARA, OnePlus} <=> Confidence: 33.33%
{Audi} -> {Adidas, KFC} <=> Confidence: 33.33%
{Audi} -> {Poco, OnePlus} <=> Confidence: 33.33%
{Audi} -> {Titan, Tissot, Bugatti} <=> Confidence: 33.33%
{Audi} -> {Tissot, Bugatti, GUCCI} <=> Confidence: 33.33%
{Audi} -> {Starbucks, Tissot, Bugatti} <=> Confidence: 33.33%
{Audi} -> {Titan, Tissot, GUCCI} <=> Confidence: 33.33%
{Audi} -> {Titan, Tissot, Starbucks} <=> Confidence: 33.33%
{Audi} -> {Starbucks, Tissot, GUCCI} <=> Confidence: 33.33%
{Audi} -> {Titan, Bugatti, GUCCI} <=> Confidence: 33.33%
{Audi} -> {Titan, Bugatti, Starbucks} <=> Confidence: 33.33%
{Audi} -> {Starbucks, Bugatti, GUCCI} <=> Confidence: 33.33%
{Audi} -> {Titan, GUCCI, Starbucks} <=> Confidence: 33.33%
{Audi} -> {ZARA, Tata, Swiss} <=> Confidence: 33.33%
{Audi} -> {Adidas, Tata, Swiss} <=> Confidence: 33.33%
{Audi} -> {KFC, Tata, Swiss} <=> Confidence: 33.33%
{Audi} -> {ZARA, Tata, Adidas} <=> Confidence: 33.33%
{Audi} -> {ZARA, Tata, KFC} <=> Confidence: 33.33%
{Audi} -> {Adidas, Tata, KFC} <=> Confidence: 33.33%
{Audi} -> {ZARA, Adidas, Swiss} <=> Confidence: 33.33%
{Audi} -> {ZARA, KFC, Swiss} <=> Confidence: 33.33%
{Audi} -> {ZARA, Poco, Swiss} <=> Confidence: 33.33%
{Audi} -> {ZARA, OnePlus, Swiss} <=> Confidence: 33.33%
{Audi} -> {Adidas, KFC, Swiss} <=> Confidence: 33.33%
{Audi} -> {Poco, OnePlus, Swiss} <=> Confidence: 33.33%
{Audi} -> {ZARA, KFC, Adidas} <=> Confidence: 33.33%
{Audi} -> {ZARA, Poco, OnePlus} <=> Confidence: 33.33%
{Audi} -> {Titan, Bugatti, Tissot, GUCCI} <=> Confidence: 33.33%
{Audi} -> {Titan, Bugatti, Tissot, Starbucks} <=> Confidence: 33.33%
```

```
{Audi} -> {Titan, Tissot, Starbucks, GUCCI} <=> Confidence: 33.33%
{Audi} -> {Titan, Bugatti, Starbucks, GUCCI} <=> Confidence: 33.33%
{Audi} -> {Bugatti, Tissot, Starbucks, GUCCI} <=> Confidence: 33.33%
{Audi} -> {ZARA, Adidas, Swiss, Tata} <=> Confidence: 33.33%
{Audi} -> {ZARA, Swiss, Tata, KFC} <=> Confidence: 33.33%
{Audi} -> {ZARA, Adidas, Tata, KFC} <=> Confidence: 33.33%
{Audi} -> {Adidas, Swiss, Tata, KFC} <=> Confidence: 33.33%
{Audi} -> {ZARA, Adidas, Swiss, KFC} <=> Confidence: 33.33%
{Audi} -> {ZARA, Swiss, Poco, OnePlus} <=> Confidence: 33.33%
{Audi} -> {Titan, Bugatti, Tissot, Starbucks, GUCCI} <=> Confidence: 33.33%
{Audi} -> {ZARA, Adidas, Swiss, Tata, KFC} <=> Confidence: 33.33%
{Titan} -> {Tissot} <=> Confidence: 100.0%
{Titan} -> {Bugatti} <=> Confidence: 100.0%
{Titan} -> {Audi} <=> Confidence: 100.0%
{Titan} -> {GUCCI} <=> Confidence: 100.0%
{Titan} -> {Starbucks} <=> Confidence: 100.0%
{Titan} -> {Tissot, Bugatti} <=> Confidence: 100.0%
{Titan} -> {Tissot, Audi} <=> Confidence: 100.0%
{Titan} -> {Tissot, GUCCI} <=> Confidence: 100.0%
{Titan} -> {Tissot, Starbucks} <=> Confidence: 100.0%
{Titan} -> {Audi, Bugatti} <=> Confidence: 100.0%
{Titan} -> {Bugatti, GUCCI} <=> Confidence: 100.0%
{Titan} -> {Starbucks, Bugatti} <=> Confidence: 100.0%
{Titan} -> {Audi, GUCCI} <=> Confidence: 100.0%
{Titan} -> {Audi, Starbucks} <=> Confidence: 100.0%
{Titan} -> {Starbucks, GUCCI} <=> Confidence: 100.0%
{Titan} -> {Tissot, Audi, Bugatti} <=> Confidence: 100.0%
{Titan} -> {Tissot, Audi, GUCCI} <=> Confidence: 100.0%
{Titan} -> {Tissot, Audi, Starbucks} <=> Confidence: 100.0%
{Titan} -> {Tissot, Bugatti, GUCCI} <=> Confidence: 100.0%
{Titan} -> {Tissot, Starbucks, Bugatti} <=> Confidence: 100.0%
{Titan} -> {Tissot, Starbucks, GUCCI} <=> Confidence: 100.0%
{Titan} -> {Audi, Bugatti, GUCCI} <=> Confidence: 100.0%
{Titan} -> {Audi, Bugatti, Starbucks} <=> Confidence: 100.0%
{Titan} -> {Audi, GUCCI, Starbucks} <=> Confidence: 100.0%
{Titan} -> {Starbucks, Bugatti, GUCCI} <=> Confidence: 100.0%
{Titan} -> {Audi, Bugatti, Tissot, GUCCI} <=> Confidence: 100.0%
{Titan} -> {Audi, Bugatti, Tissot, Starbucks} <=> Confidence: 100.0%
{Titan} -> {Audi, Tissot, Starbucks, GUCCI} <=> Confidence: 100.0%
{Titan} -> {Bugatti, Tissot, Starbucks, GUCCI} <=> Confidence: 100.0%
{Titan} -> {Audi, Bugatti, Starbucks, GUCCI} <=> Confidence: 100.0%
{Titan} -> {Audi, Bugatti, Tissot, Starbucks, GUCCI} <=> Confidence: 100.0%
{GUCCI} -> {Tissot} <=> Confidence: 100.0%
{GUCCI} -> {Bugatti} <=> Confidence: 100.0%
{GUCCI} -> {Audi} <=> Confidence: 100.0%
{GUCCI} -> {Titan} <=> Confidence: 100.0%
```

```
{GUCCI} -> {Starbucks} <=> Confidence: 100.0%
{GUCCI} -> {Tissot, Bugatti} <=> Confidence: 100.0%
{GUCCI} -> {Tissot, Audi} <=> Confidence: 100.0%
{GUCCI} -> {Titan, Tissot} <=> Confidence: 100.0%
{GUCCI} -> {Tissot, Starbucks} <=> Confidence: 100.0%
{GUCCI} -> {Audi, Bugatti} <=> Confidence: 100.0%
{GUCCI} -> {Titan, Bugatti} <=> Confidence: 100.0%
{GUCCI} -> {Starbucks, Bugatti} <=> Confidence: 100.0%
{GUCCI} -> {Titan, Audi} <=> Confidence: 100.0%
{GUCCI} -> {Starbucks, Audi} <=> Confidence: 100.0%
{GUCCI} -> {Titan, Starbucks} <=> Confidence: 100.0%
{GUCCI} -> {Tissot, Audi, Bugatti} <=> Confidence: 100.0%
{GUCCI} -> {Titan, Tissot, Audi} <=> Confidence: 100.0%
{GUCCI} -> {Starbucks, Tissot, Audi} <=> Confidence: 100.0%
{GUCCI} -> {Titan, Tissot, Bugatti} <=> Confidence: 100.0%
{GUCCI} -> {Tissot, Starbucks, Bugatti} <=> Confidence: 100.0%
{GUCCI} -> {Titan, Tissot, Starbucks} <=> Confidence: 100.0%
{GUCCI} -> {Titan, Audi, Bugatti} <=> Confidence: 100.0%
{GUCCI} -> {Starbucks, Audi, Bugatti} <=> Confidence: 100.0%
{GUCCI} -> {Titan, Audi, Starbucks} <=> Confidence: 100.0%
{GUCCI} -> {Titan, Starbucks, Bugatti} <=> Confidence: 100.0%
{GUCCI} -> {Titan, Audi, Bugatti, Tissot} <=> Confidence: 100.0%
{GUCCI} -> {Titan, Audi, Tissot, Starbucks} <=> Confidence: 100.0%
{GUCCI} -> {Titan, Bugatti, Tissot, Starbucks} <=> Confidence: 100.0%
{GUCCI} -> {Titan, Audi, Bugatti, Starbucks} <=> Confidence: 100.0%
{GUCCI} -> {Audi, Bugatti, Tissot, Starbucks} <=> Confidence: 100.0%
{GUCCI} -> {Titan, Audi, Bugatti, Tissot, Starbucks} <=> Confidence: 100.0%
{Starbucks} -> {Tissot} <=> Confidence: 100.0%
{Starbucks} -> {Bugatti} <=> Confidence: 100.0%
{Starbucks} -> {Audi} <=> Confidence: 100.0%
{Starbucks} -> {Titan} <=> Confidence: 100.0%
{Starbucks} -> {GUCCI} <=> Confidence: 100.0%
{Starbucks} -> {Tissot, Bugatti} <=> Confidence: 100.0%
{Starbucks} -> {Tissot, Audi} <=> Confidence: 100.0%
{Starbucks} -> {Titan, Tissot} <=> Confidence: 100.0%
{Starbucks} -> {Tissot, GUCCI} <=> Confidence: 100.0%
{Starbucks} -> {Audi, Bugatti} <=> Confidence: 100.0%
{Starbucks} -> {Titan, Bugatti} <=> Confidence: 100.0%
{Starbucks} -> {Bugatti, GUCCI} <=> Confidence: 100.0%
{Starbucks} -> {Titan, Audi} <=> Confidence: 100.0%
{Starbucks} -> {Audi, GUCCI} <=> Confidence: 100.0%
{Starbucks} -> {Titan, GUCCI} <=> Confidence: 100.0%
{Starbucks} -> {Tissot, Audi, Bugatti} <=> Confidence: 100.0%
{Starbucks} -> {Titan, Tissot, Audi} <=> Confidence: 100.0%
{Starbucks} -> {Tissot, Audi, GUCCI} <=> Confidence: 100.0%
{Starbucks} -> {Titan, Tissot, Bugatti} <=> Confidence: 100.0%
```

```
{Starbucks} -> {Tissot, Bugatti, GUCCI} <=> Confidence: 100.0%
{Starbucks} -> {Titan, Tissot, GUCCI} <=> Confidence: 100.0%
{Starbucks} -> {Titan, Audi, Bugatti} <=> Confidence: 100.0%
{Starbucks} -> {Audi, Bugatti, GUCCI} <=> Confidence: 100.0%
{Starbucks} -> {Titan, Audi, GUCCI} <=> Confidence: 100.0%
{Starbucks} -> {Titan, Bugatti, GUCCI} <=> Confidence: 100.0%
{Starbucks} -> {Titan, Audi, Bugatti, Tissot} <=> Confidence: 100.0%
{Starbucks} -> {Titan, Audi, Tissot, GUCCI} <=> Confidence: 100.0%
{Starbucks} -> {Titan, Bugatti, Tissot, GUCCI} <=> Confidence: 100.0%
{Starbucks} -> {Titan, Audi, Bugatti, GUCCI} <=> Confidence: 100.0%
{Starbucks} -> {Audi, Bugatti, Tissot, GUCCI} <=> Confidence: 100.0%
{Starbucks} -> {Titan, Audi, Bugatti, Tissot, GUCCI} <=> Confidence: 100.0%
{Hermes} -> {Tissot} <=> Confidence: 25.0%
{Hermes} -> {Bugatti} <=> Confidence: 25.0%
{Hermes} -> {Casio} <=> Confidence: 25.0%
\{Hermes\} \rightarrow \{MG\} \iff Confidence: 50.0\%
\{Hermes\} \rightarrow \{Fossil\} \iff Confidence: 75.0\%
{Hermes} -> {Chanel} <=> Confidence: 25.0%
{Hermes} -> {Tata} <=> Confidence: 25.0%
{Hermes} -> {Tesla} <=> Confidence: 25.0%
{Hermes} -> {H&M} <=> Confidence: 25.0%
{Hermes} -> {IHOP} <=> Confidence: 25.0%
{Hermes} -> {BMW} <=> Confidence: 25.0%
{Hermes} -> {Poco} <=> Confidence: 25.0%
{Hermes} -> {ROG} <=> Confidence: 25.0%
{Hermes} -> {Tissot, Bugatti} <=> Confidence: 25.0%
{Hermes} -> {Tesla, Tissot} <=> Confidence: 25.0%
{Hermes} -> {Tissot, H&M} <=> Confidence: 25.0%
{Hermes} -> {Tissot, IHOP} <=> Confidence: 25.0%
{Hermes} -> {Tesla, Bugatti} <=> Confidence: 25.0%
{Hermes} -> {Bugatti, H&M} <=> Confidence: 25.0%
{Hermes} -> {Bugatti, IHOP} <=> Confidence: 25.0%
{Hermes} -> {MG, Tata} <=> Confidence: 25.0%
{Hermes} -> {Tata, Fossil} <=> Confidence: 25.0%
{Hermes} -> {Tesla, H&M} <=> Confidence: 25.0%
{Hermes} -> {Tesla, IHOP} <=> Confidence: 25.0%
{Hermes} -> {H&M, IHOP} <=> Confidence: 25.0%
{Hermes} -> {BMW, ROG} <=> Confidence: 25.0%
{Hermes} -> {BMW, Poco} <=> Confidence: 25.0%
{Hermes} -> {BMW, Fossil} <=> Confidence: 25.0%
{Hermes} -> {Poco, ROG} <=> Confidence: 25.0%
{Hermes} -> {ROG, Fossil} <=> Confidence: 25.0%
{Hermes} -> {MG, Casio} <=> Confidence: 25.0%
{Hermes} -> {Casio, Fossil} <=> Confidence: 25.0%
{Hermes} -> {Casio, Chanel} <=> Confidence: 25.0%
\{\text{Hermes}\} \rightarrow \{\text{MG, Fossil}\} \iff \text{Confidence: } 50.0\%
```

```
{Hermes} -> {MG, Chanel} <=> Confidence: 25.0%
{Hermes} -> {Poco, Fossil} <=> Confidence: 25.0%
{Hermes} -> {Chanel, Fossil} <=> Confidence: 25.0%
{Hermes} -> {Tesla, Tissot, Bugatti} <=> Confidence: 25.0%
{Hermes} -> {Tissot, Bugatti, H&M} <=> Confidence: 25.0%
{Hermes} -> {Tissot, Bugatti, IHOP} <=> Confidence: 25.0%
{Hermes} -> {Tesla, Tissot, H&M} <=> Confidence: 25.0%
{Hermes} -> {Tesla, Tissot, IHOP} <=> Confidence: 25.0%
{Hermes} -> {Tissot, H&M, IHOP} <=> Confidence: 25.0%
{Hermes} -> {Tesla, Bugatti, H&M} <=> Confidence: 25.0%
{Hermes} -> {Tesla, Bugatti, IHOP} <=> Confidence: 25.0%
{Hermes} -> {Bugatti, H&M, IHOP} <=> Confidence: 25.0%
{Hermes} -> {Tesla, H&M, IHOP} <=> Confidence: 25.0%
{Hermes} -> {MG, Tata, Fossil} <=> Confidence: 25.0%
{Hermes} -> {BMW, Poco, ROG} <=> Confidence: 25.0%
{Hermes} -> {BMW, ROG, Fossil} <=> Confidence: 25.0%
{Hermes} -> {Poco, ROG, Fossil} <=> Confidence: 25.0%
{Hermes} -> {BMW, Poco, Fossil} <=> Confidence: 25.0%
{Hermes} -> {MG, Casio, Fossil} <=> Confidence: 25.0%
{Hermes} -> {MG, Casio, Chanel} <=> Confidence: 25.0%
{Hermes} -> {Casio, Chanel, Fossil} <=> Confidence: 25.0%
{Hermes} -> {MG, Chanel, Fossil} <=> Confidence: 25.0%
{Hermes} -> {Bugatti, Tesla, Tissot, H&M} <=> Confidence: 25.0%
{Hermes} -> {Bugatti, IHOP, Tesla, Tissot} <=> Confidence: 25.0%
{Hermes} -> {Bugatti, IHOP, Tissot, H&M} <=> Confidence: 25.0%
{Hermes} -> {IHOP, Tesla, Tissot, H&M} <=> Confidence: 25.0%
{Hermes} -> {Bugatti, IHOP, Tesla, H&M} <=> Confidence: 25.0%
{Hermes} -> {BMW, Poco, ROG, Fossil} <=> Confidence: 25.0%
{Hermes} -> {Casio, Chanel, MG, Fossil} <=> Confidence: 25.0%
{Hermes} -> {Bugatti, IHOP, Tesla, Tissot, H&M} <=> Confidence: 25.0%
{Tata} -> {Tissot} <=> Confidence: 25.0%
{Tata} -> {Audi} <=> Confidence: 25.0%
{Tata} -> {MG} <=> Confidence: 25.0%
{Tata} -> {Fossil} <=> Confidence: 25.0%
{Tata} -> {Hermes} <=> Confidence: 25.0%
{Tata} -> {Swiss} <=> Confidence: 25.0%
{Tata} -> {ZARA} <=> Confidence: 25.0%
{Tata} -> {Adidas} <=> Confidence: 25.0%
{Tata} -> {KFC} <=> Confidence: 25.0%
{Tata} -> {H&M} <=> Confidence: 25.0%
{Tata} -> {ROG} <=> Confidence: 25.0%
{Tata} -> {Oppo} <=> Confidence: 50.0%
{Tata} -> {Pagani} <=> Confidence: 25.0%
{Tata} -> {Omega} <=> Confidence: 25.0%
{Tata} -> {Puma} <=> Confidence: 25.0%
{Tata} -> {Chipotle} <=> Confidence: 25.0%
```

```
{Tata} -> {Tissot, H&M} <=> Confidence: 25.0%
{Tata} -> {Tissot, ROG} <=> Confidence: 25.0%
{Tata} -> {Tissot, Oppo} <=> Confidence: 25.0%
{Tata} -> {Audi, Swiss} <=> Confidence: 25.0%
{Tata} -> {ZARA, Audi} <=> Confidence: 25.0%
{Tata} -> {Adidas, Audi} <=> Confidence: 25.0%
{Tata} -> {Audi, KFC} <=> Confidence: 25.0%
{Tata} -> {MG, Hermes} <=> Confidence: 25.0%
{Tata} -> {Hermes, Fossil} <=> Confidence: 25.0%
{Tata} -> {H&M, ROG} <=> Confidence: 25.0%
{Tata} -> {H&M, Oppo} <=> Confidence: 25.0%
{Tata} -> {Oppo, ROG} <=> Confidence: 25.0%
{Tata} -> {Omega, Oppo} <=> Confidence: 25.0%
{Tata} -> {Pagani, Oppo} <=> Confidence: 25.0%
{Tata} -> {Puma, Oppo} <=> Confidence: 25.0%
{Tata} -> {Chipotle, Oppo} <=> Confidence: 25.0%
{Tata} -> {MG, Fossil} <=> Confidence: 25.0%
{Tata} -> {ZARA, Swiss} <=> Confidence: 25.0%
{Tata} -> {Adidas, Swiss} <=> Confidence: 25.0%
{Tata} -> {KFC, Swiss} <=> Confidence: 25.0%
{Tata} -> {ZARA, Adidas} <=> Confidence: 25.0%
{Tata} -> {ZARA, KFC} <=> Confidence: 25.0%
{Tata} -> {Omega, Pagani} <=> Confidence: 25.0%
{Tata} -> {Puma, Omega} <=> Confidence: 25.0%
{Tata} -> {Omega, Chipotle} <=> Confidence: 25.0%
{Tata} -> {Adidas, KFC} <=> Confidence: 25.0%
{Tata} -> {Puma, Pagani} <=> Confidence: 25.0%
{Tata} -> {Pagani, Chipotle} <=> Confidence: 25.0%
{Tata} -> {Puma, Chipotle} <=> Confidence: 25.0%
{Tata} -> {Tissot, H&M, Oppo} <=> Confidence: 25.0%
{Tata} -> {Tissot, H&M, ROG} <=> Confidence: 25.0%
{Tata} -> {Tissot, Oppo, ROG} <=> Confidence: 25.0%
{Tata} -> {ZARA, Audi, Swiss} <=> Confidence: 25.0%
{Tata} -> {Adidas, Audi, Swiss} <=> Confidence: 25.0%
{Tata} -> {Audi, KFC, Swiss} <=> Confidence: 25.0%
{Tata} -> {ZARA, Audi, Adidas} <=> Confidence: 25.0%
{Tata} -> {ZARA, Audi, KFC} <=> Confidence: 25.0%
{Tata} -> {Adidas, Audi, KFC} <=> Confidence: 25.0%
{Tata} -> {MG, Hermes, Fossil} <=> Confidence: 25.0%
{Tata} -> {ROG, H&M, Oppo} <=> Confidence: 25.0%
{Tata} -> {Omega, Pagani, Oppo} <=> Confidence: 25.0%
{Tata} -> {Puma, Omega, Oppo} <=> Confidence: 25.0%
{Tata} -> {Omega, Chipotle, Oppo} <=> Confidence: 25.0%
{Tata} -> {Puma, Pagani, Oppo} <=> Confidence: 25.0%
{Tata} -> {Pagani, Chipotle, Oppo} <=> Confidence: 25.0%
{Tata} -> {Puma, Chipotle, Oppo} <=> Confidence: 25.0%
```

```
{Tata} -> {ZARA, Adidas, Swiss} <=> Confidence: 25.0%
{Tata} -> {ZARA, KFC, Swiss} <=> Confidence: 25.0%
{Tata} -> {Adidas, KFC, Swiss} <=> Confidence: 25.0%
{Tata} -> {ZARA, KFC, Adidas} <=> Confidence: 25.0%
{Tata} -> {Puma, Omega, Pagani} <=> Confidence: 25.0%
{Tata} -> {Omega, Pagani, Chipotle} <=> Confidence: 25.0%
{Tata} -> {Puma, Omega, Chipotle} <=> Confidence: 25.0%
{Tata} -> {Puma, Pagani, Chipotle} <=> Confidence: 25.0%
{Tata} -> {Oppo, Tissot, ROG, H&M} <=> Confidence: 25.0%
{Tata} -> {ZARA, Adidas, Audi, Swiss} <=> Confidence: 25.0%
{Tata} -> {ZARA, Audi, Swiss, KFC} <=> Confidence: 25.0%
{Tata} -> {ZARA, Adidas, Audi, KFC} <=> Confidence: 25.0%
{Tata} -> {Adidas, Audi, Swiss, KFC} <=> Confidence: 25.0%
{Tata} -> {Pagani, Oppo, Puma, Omega} <=> Confidence: 25.0%
{Tata} -> {Pagani, Chipotle, Oppo, Omega} <=> Confidence: 25.0%
{Tata} -> {Chipotle, Oppo, Puma, Omega} <=> Confidence: 25.0%
{Tata} -> {Pagani, Chipotle, Oppo, Puma} <=> Confidence: 25.0%
{Tata} -> {ZARA, Adidas, Swiss, KFC} <=> Confidence: 25.0%
{Tata} -> {Pagani, Chipotle, Puma, Omega} <=> Confidence: 25.0%
{Tata} -> {ZARA, Adidas, Audi, Swiss, KFC} <=> Confidence: 25.0%
{Tata} -> {Pagani, Chipotle, Oppo, Puma, Omega} <=> Confidence: 25.0%
{Tesla} -> {Tissot} <=> Confidence: 25.0%
{Tesla} -> {Bugatti} <=> Confidence: 50.0%
{Tesla} -> {Hermes} <=> Confidence: 25.0%
{Tesla} -> {Chanel} <=> Confidence: 25.0%
{Tesla} -> {Swiss} <=> Confidence: 25.0%
{Tesla} -> {ZARA} <=> Confidence: 25.0%
{Tesla} -> {Adidas} <=> Confidence: 25.0%
{Tesla} -> {H&M} <=> Confidence: 25.0%
{Tesla} -> {IHOP} <=> Confidence: 25.0%
{Tesla} -> {BMW} <=> Confidence: 25.0%
{Tesla} -> {Coach} <=> Confidence: 25.0%
{Tesla} -> {Hublot} <=> Confidence: 25.0%
{Tesla} -> {Samsung} <=> Confidence: 50.0%
{Tesla} -> {IQOO} <=> Confidence: 25.0%
{Tesla} -> {Dunkin} <=> Confidence: 25.0%
{Tesla} -> {Tissot, Bugatti} <=> Confidence: 25.0%
{Tesla} -> {Tissot, Hermes} <=> Confidence: 25.0%
{Tesla} -> {Tissot, H&M} <=> Confidence: 25.0%
{Tesla} -> {Tissot, IHOP} <=> Confidence: 25.0%
{Tesla} -> {Hermes, Bugatti} <=> Confidence: 25.0%
{Tesla} -> {Bugatti, H&M} <=> Confidence: 25.0%
{Tesla} -> {Bugatti, IHOP} <=> Confidence: 25.0%
{Tesla} -> {Bugatti, Swiss} <=> Confidence: 25.0%
{Tesla} -> {Bugatti, ZARA} <=> Confidence: 25.0%
{Tesla} -> {Samsung, Bugatti} <=> Confidence: 25.0%
```

```
{Tesla} -> {Bugatti, Dunkin} <=> Confidence: 25.0%
{Tesla} -> {Hermes, H&M} <=> Confidence: 25.0%
{Tesla} -> {Hermes, IHOP} <=> Confidence: 25.0%
{Tesla} -> {IHOP, H&M} <=> Confidence: 25.0%
{Tesla} -> {BMW, Coach} <=> Confidence: 25.0%
{Tesla} -> {BMW, Chanel} <=> Confidence: 25.0%
{Tesla} -> {Coach, Chanel} <=> Confidence: 25.0%
{Tesla} -> {ZARA, Swiss} <=> Confidence: 25.0%
{Tesla} -> {Samsung, Swiss} <=> Confidence: 25.0%
{Tesla} -> {Dunkin, Swiss} <=> Confidence: 25.0%
{Tesla} -> {Samsung, ZARA} <=> Confidence: 25.0%
{Tesla} -> {Dunkin, ZARA} <=> Confidence: 25.0%
{Tesla} -> {Samsung, Dunkin} <=> Confidence: 25.0%
{Tesla} -> {Samsung, Adidas} <=> Confidence: 25.0%
{Tesla} -> {Samsung, Hublot} <=> Confidence: 25.0%
{Tesla} -> {Samsung, IOOO} <=> Confidence: 25.0%
{Tesla} -> {Hublot, Adidas} <=> Confidence: 25.0%
{Tesla} -> {IOOO, Adidas} <=> Confidence: 25.0%
{Tesla} -> {Hublot, IQOO} <=> Confidence: 25.0%
{Tesla} -> {Tissot, Hermes, Bugatti} <=> Confidence: 25.0%
{Tesla} -> {Tissot, Bugatti, H&M} <=> Confidence: 25.0%
{Tesla} -> {Tissot, Bugatti, IHOP} <=> Confidence: 25.0%
{Tesla} -> {Tissot, Hermes, H&M} <=> Confidence: 25.0%
{Tesla} -> {Tissot, Hermes, IHOP} <=> Confidence: 25.0%
{Tesla} -> {Tissot, IHOP, H&M} <=> Confidence: 25.0%
{Tesla} -> {Hermes, Bugatti, H&M} <=> Confidence: 25.0%
{Tesla} -> {Hermes, Bugatti, IHOP} <=> Confidence: 25.0%
{Tesla} -> {Bugatti, H&M, IHOP} <=> Confidence: 25.0%
{Tesla} -> {ZARA, Bugatti, Swiss} <=> Confidence: 25.0%
{Tesla} -> {Samsung, Bugatti, Swiss} <=> Confidence: 25.0%
{Tesla} -> {Bugatti, Dunkin, Swiss} <=> Confidence: 25.0%
{Tesla} -> {Samsung, Bugatti, ZARA} <=> Confidence: 25.0%
{Tesla} -> {Bugatti, Dunkin, ZARA} <=> Confidence: 25.0%
{Tesla} -> {Samsung, Bugatti, Dunkin} <=> Confidence: 25.0%
{Tesla} -> {Hermes, H&M, IHOP} <=> Confidence: 25.0%
{Tesla} -> {BMW, Coach, Chanel} <=> Confidence: 25.0%
{Tesla} -> {ZARA, Samsung, Swiss} <=> Confidence: 25.0%
{Tesla} -> {ZARA, Dunkin, Swiss} <=> Confidence: 25.0%
{Tesla} -> {Samsung, Dunkin, Swiss} <=> Confidence: 25.0%
{Tesla} -> {Samsung, Dunkin, ZARA} <=> Confidence: 25.0%
{Tesla} -> {Samsung, Hublot, Adidas} <=> Confidence: 25.0%
{Tesla} -> {Samsung, IQOO, Adidas} <=> Confidence: 25.0%
{Tesla} -> {Samsung, Hublot, IQOO} <=> Confidence: 25.0%
{Tesla} -> {Hublot, IQOO, Adidas} <=> Confidence: 25.0%
{Tesla} -> {Hermes, Bugatti, Tissot, H&M} <=> Confidence: 25.0%
{Tesla} -> {Hermes, Bugatti, IHOP, Tissot} <=> Confidence: 25.0%
```

```
{Tesla} -> {Bugatti, IHOP, Tissot, H&M} <=> Confidence: 25.0%
{Tesla} -> {Hermes, IHOP, Tissot, H&M} <=> Confidence: 25.0%
{Tesla} -> {Hermes, Bugatti, IHOP, H&M} <=> Confidence: 25.0%
{Tesla} -> {ZARA, Bugatti, Swiss, Samsung} <=> Confidence: 25.0%
{Tesla} -> {ZARA, Bugatti, Swiss, Dunkin} <=> Confidence: 25.0%
{Tesla} -> {ZARA, Bugatti, Samsung, Dunkin} <=> Confidence: 25.0%
{Tesla} -> {Bugatti, Swiss, Samsung, Dunkin} <=> Confidence: 25.0%
{Tesla} -> {ZARA, Swiss, Samsung, Dunkin} <=> Confidence: 25.0%
{Tesla} -> {Adidas, IQOO, Samsung, Hublot} <=> Confidence: 25.0%
{Tesla} -> {Hermes, Bugatti, IHOP, Tissot, H&M} <=> Confidence: 25.0%
{Tesla} -> {ZARA, Bugatti, Swiss, Samsung, Dunkin} <=> Confidence: 25.0%
{H&M} -> {Tissot} <=> Confidence: 75.0%
{H&M} -> {Bugatti} <=> Confidence: 50.0%
{H&M} -> {Hermes} <=> Confidence: 25.0%
{H&M} -> {Tata} <=> Confidence: 25.0%
{H&M} -> {Tesla} <=> Confidence: 25.0%
{H&M} -> {IHOP} <=> Confidence: 25.0%
\{H\&M\} -> \{BMW\} \iff Confidence: 25.0\%
\{H\&M\} -> \{ROG\} \iff Confidence: 50.0\%
\{H\&M\} -> \{Oppo\} <=> Confidence: 25.0\%
{H&M} -> {Maserati} <=> Confidence: 25.0%
{H&M} -> {Popeyes} <=> Confidence: 25.0%
{H&M} -> {Omega} <=> Confidence: 25.0%
{H&M} -> {Seiko} <=> Confidence: 25.0%
{H&M} -> {FILA} <=> Confidence: 25.0%
{H&M} -> {Wendys} <=> Confidence: 25.0%
{H&M} -> {Tissot, Bugatti} <=> Confidence: 25.0%
{H&M} -> {Tissot, Hermes} <=> Confidence: 25.0%
{H&M} -> {Tissot, Tata} <=> Confidence: 25.0%
{H&M} -> {Tesla, Tissot} <=> Confidence: 25.0%
{H&M} -> {Tissot, IHOP} <=> Confidence: 25.0%
{H&M} -> {Tissot, BMW} <=> Confidence: 25.0%
{H&M} -> {Tissot, ROG} <=> Confidence: 50.0%
{H&M} -> {Tissot, Oppo} <=> Confidence: 25.0%
{H&M} -> {Tissot, Maserati} <=> Confidence: 25.0%
{H&M} -> {Tissot, Popeyes} <=> Confidence: 25.0%
{H&M} -> {Hermes, Bugatti} <=> Confidence: 25.0%
{H&M} -> {Tesla, Bugatti} <=> Confidence: 25.0%
{H&M} -> {Bugatti, IHOP} <=> Confidence: 25.0%
{H&M} -> {Omega, Bugatti} <=> Confidence: 25.0%
{H&M} -> {Seiko, Bugatti} <=> Confidence: 25.0%
{H&M} -> {Bugatti, FILA} <=> Confidence: 25.0%
{H&M} -> {Bugatti, Wendys} <=> Confidence: 25.0%
{H&M} -> {Tesla, Hermes} <=> Confidence: 25.0%
{H&M} -> {Hermes, IHOP} <=> Confidence: 25.0%
{H&M} -> {ROG, Tata} <=> Confidence: 25.0%
```

```
{H&M} -> {Oppo, Tata} <=> Confidence: 25.0%
{H&M} -> {Tesla, IHOP} <=> Confidence: 25.0%
\{H\&M\} \rightarrow \{BMW, ROG\} \iff Confidence: 25.0\%
{H&M} -> {BMW, Maserati} <=> Confidence: 25.0%
\{H\&M\} \rightarrow \{BMW, Popeyes\} \iff Confidence: 25.0\%
{H&M} -> {ROG, Oppo} <=> Confidence: 25.0%
{H&M} -> {ROG, Maserati} <=> Confidence: 25.0%
{H&M} -> {Popeyes, ROG} <=> Confidence: 25.0%
{H&M} -> {Popeyes, Maserati} <=> Confidence: 25.0%
{H&M} -> {Seiko, Omega} <=> Confidence: 25.0%
{H&M} -> {Omega, FILA} <=> Confidence: 25.0%
\{H\&M\} \rightarrow \{Omega, Wendys\} \iff Confidence: 25.0\%
{H&M} -> {Seiko, FILA} <=> Confidence: 25.0%
\{H\&M\} \rightarrow \{Seiko, Wendys\} \iff Confidence: 25.0\%
{H&M} -> {FILA, Wendys} <=> Confidence: 25.0%
{H&M} -> {Tissot, Hermes, Bugatti} <=> Confidence: 25.0%
{H&M} -> {Tesla, Tissot, Bugatti} <=> Confidence: 25.0%
{H&M} -> {Tissot, Bugatti, IHOP} <=> Confidence: 25.0%
{H&M} -> {Tesla, Tissot, Hermes} <=> Confidence: 25.0%
{H&M} -> {Tissot, Hermes, IHOP} <=> Confidence: 25.0%
{H&M} -> {Tesla, Tissot, IHOP} <=> Confidence: 25.0%
{H&M} -> {Tissot, Oppo, Tata} <=> Confidence: 25.0%
{H&M} -> {Tissot, Oppo, ROG} <=> Confidence: 25.0%
{H&M} -> {Tissot, Maserati, ROG} <=> Confidence: 25.0%
{H&M} -> {Tissot, Maserati, BMW} <=> Confidence: 25.0%
{H&M} -> {Popeyes, Tissot, Maserati} <=> Confidence: 25.0%
{H&M} -> {Tissot, ROG, Tata} <=> Confidence: 25.0%
{H&M} -> {Tissot, ROG, BMW} <=> Confidence: 25.0%
{H&M} -> {Popeyes, Tissot, ROG} <=> Confidence: 25.0%
{H&M} -> {Tissot, Popeyes, BMW} <=> Confidence: 25.0%
{H&M} -> {Tesla, Hermes, Bugatti} <=> Confidence: 25.0%
{H&M} -> {Hermes, Bugatti, IHOP} <=> Confidence: 25.0%
{H&M} -> {Tesla, Bugatti, IHOP} <=> Confidence: 25.0%
{H&M} -> {Seiko, Omega, Bugatti} <=> Confidence: 25.0%
{H&M} -> {Omega, Bugatti, FILA} <=> Confidence: 25.0%
{H&M} -> {Omega, Bugatti, Wendys} <=> Confidence: 25.0%
{H&M} -> {Seiko, Bugatti, FILA} <=> Confidence: 25.0%
{H&M} -> {Seiko, Bugatti, Wendys} <=> Confidence: 25.0%
{H&M} -> {Bugatti, FILA, Wendys} <=> Confidence: 25.0%
{H&M} -> {Tesla, Hermes, IHOP} <=> Confidence: 25.0%
{H&M} -> {ROG, Oppo, Tata} <=> Confidence: 25.0%
{H&M} -> {BMW, Maserati, ROG} <=> Confidence: 25.0%
{H&M} -> {Popeyes, Maserati, ROG} <=> Confidence: 25.0%
{H&M} -> {Popeyes, BMW, Maserati} <=> Confidence: 25.0%
\{H\&M\} \rightarrow \{Popeyes, BMW, ROG\} \iff Confidence: 25.0\%
{H&M} -> {Seiko, Omega, FILA} <=> Confidence: 25.0%
```

```
{H&M} -> {Seiko, Omega, Wendys} <=> Confidence: 25.0%
{H&M} -> {Omega, FILA, Wendys} <=> Confidence: 25.0%
{H&M} -> {Seiko, FILA, Wendys} <=> Confidence: 25.0%
{H&M} -> {Hermes, Bugatti, Tesla, Tissot} <=> Confidence: 25.0%
{H&M} -> {Bugatti, IHOP, Tesla, Tissot} <=> Confidence: 25.0%
{H&M} -> {Hermes, Bugatti, IHOP, Tissot} <=> Confidence: 25.0%
{H&M} -> {Hermes, IHOP, Tesla, Tissot} <=> Confidence: 25.0%
{H&M} -> {Oppo, Tissot, ROG, Tata} <=> Confidence: 25.0%
{H&M} -> {Tissot, BMW, ROG, Maserati} <=> Confidence: 25.0%
{H&M} -> {Tissot, Popeyes, ROG, Maserati} <=> Confidence: 25.0%
{H&M} -> {Tissot, BMW, Popeyes, Maserati} <=> Confidence: 25.0%
{H&M} -> {Tissot, BMW, Popeyes, ROG} <=> Confidence: 25.0%
{H&M} -> {Hermes, Bugatti, IHOP, Tesla} <=> Confidence: 25.0%
{H&M} -> {Bugatti, Seiko, FILA, Omega} <=> Confidence: 25.0%
{H&M} -> {Bugatti, Wendys, Seiko, Omega} <=> Confidence: 25.0%
{H&M} -> {Bugatti, Wendys, Seiko, FILA} <=> Confidence: 25.0%
{H&M} -> {Bugatti, Wendys, FILA, Omega} <=> Confidence: 25.0%
{H&M} -> {BMW, Popeyes, ROG, Maserati} <=> Confidence: 25.0%
{H&M} -> {Wendys, Seiko, FILA, Omega} <=> Confidence: 25.0%
{H&M} -> {Hermes, Bugatti, IHOP, Tesla, Tissot} <=> Confidence: 25.0%
{H&M} -> {Bugatti, Wendys, Seiko, FILA, Omega} <=> Confidence: 25.0%
{H&M} -> {Tissot, BMW, ROG, Popeyes, Maserati} <=> Confidence: 25.0%
{IHOP} -> {Tissot} <=> Confidence: 100.0%
{IHOP} -> {Bugatti} <=> Confidence: 100.0%
{IHOP} -> {Hermes} <=> Confidence: 100.0%
{IHOP} -> {Tesla} <=> Confidence: 100.0%
\{IHOP\} \rightarrow \{H\&M\} \iff Confidence: 100.0\%
{IHOP} -> {Tissot, Bugatti} <=> Confidence: 100.0%
{IHOP} -> {Tissot, Hermes} <=> Confidence: 100.0%
{IHOP} -> {Tesla, Tissot} <=> Confidence: 100.0%
{IHOP} -> {Tissot, H&M} <=> Confidence: 100.0%
{IHOP} -> {Hermes, Bugatti} <=> Confidence: 100.0%
{IHOP} -> {Tesla, Bugatti} <=> Confidence: 100.0%
{IHOP} -> {Bugatti, H&M} <=> Confidence: 100.0%
{IHOP} -> {Tesla, Hermes} <=> Confidence: 100.0%
{IHOP} -> {Hermes, H&M} <=> Confidence: 100.0%
{IHOP} -> {Tesla, H&M} <=> Confidence: 100.0%
{IHOP} -> {Tissot, Hermes, Bugatti} <=> Confidence: 100.0%
{IHOP} -> {Tesla, Tissot, Bugatti} <=> Confidence: 100.0%
{IHOP} -> {Tissot, Bugatti, H&M} <=> Confidence: 100.0%
{IHOP} -> {Tesla, Tissot, Hermes} <=> Confidence: 100.0%
{IHOP} -> {Tissot, Hermes, H&M} <=> Confidence: 100.0%
{IHOP} -> {Tesla, Tissot, H&M} <=> Confidence: 100.0%
{IHOP} -> {Tesla, Hermes, Bugatti} <=> Confidence: 100.0%
{IHOP} -> {Hermes, Bugatti, H&M} <=> Confidence: 100.0%
{IHOP} -> {Tesla, Bugatti, H&M} <=> Confidence: 100.0%
```

```
{IHOP} -> {Tesla, Hermes, H&M} <=> Confidence: 100.0%
{IHOP} -> {Hermes, Bugatti, Tesla, Tissot} <=> Confidence: 100.0%
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{BMW} -> {Tissot, H&M, ROG} <=> Confidence: 25.0%
{BMW} -> {Tissot, H&M, Popeyes} <=> Confidence: 25.0%
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{Coach} -> {Tissot, Oppo, Xiaomi} <=> Confidence: 50.0%
{Coach} -> {Tissot, Oppo, Maserati} <=> Confidence: 50.0%
```

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{Oppo} -> {Maserati} <=> Confidence: 33.33%
{Oppo} -> {Pagani} <=> Confidence: 33.33%
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{Oppo} -> {Puma} <=> Confidence: 33.33%
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{Oppo} -> {Tissot, H&M} <=> Confidence: 33.33%
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{Oppo} -> {Tissot, ROG} <=> Confidence: 33.33%
{Oppo} -> {Tissot, Xiaomi} <=> Confidence: 33.33%
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{Oppo} -> {Coach, Bugatti} <=> Confidence: 33.33%
{Oppo} -> {Bugatti, Xiaomi} <=> Confidence: 33.33%
{Oppo} -> {Bugatti, Maserati} <=> Confidence: 33.33%
{Oppo} -> {H&M, Tata} <=> Confidence: 33.33%
```

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{Oppo} -> {Tissot, ROG, Tata, H&M} <=> Confidence: 33.33%
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{Oppo} -> {Bugatti, Coach, Maserati, Xiaomi} <=> Confidence: 33.33%
{Oppo} -> {Pagani, Tata, Puma, Omega} <=> Confidence: 33.33%
```

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{Oppo} -> {Bugatti, Tissot, Coach, Maserati, Xiaomi} <=> Confidence: 33.33%
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{Maserati} -> {ROG} <=> Confidence: 33.33%
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{Maserati} -> {BMW, H&M, ROG} <=> Confidence: 33.33%
```

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{ZARA} -> {Tesla, Samsung, Dunkin} <=> Confidence: 25.0%
{ZARA} -> {Adidas, Tata, Swiss} <=> Confidence: 25.0%
{ZARA} -> {KFC, Tata, Swiss} <=> Confidence: 25.0%
{ZARA} -> {KFC, Tata, Adidas} <=> Confidence: 25.0%
{ZARA} -> {Samsung, Dunkin, Swiss} <=> Confidence: 25.0%
{ZARA} -> {Samsung, MG, Swiss} <=> Confidence: 25.0%
{ZARA} -> {Adidas, KFC, Swiss} <=> Confidence: 25.0%
{ZARA} -> {OnePlus, Poco, Swiss} <=> Confidence: 25.0%
{ZARA} -> {Adidas, Audi, Swiss, Tata} <=> Confidence: 25.0%
{ZARA} -> {Audi, Swiss, Tata, KFC} <=> Confidence: 25.0%
{ZARA} -> {Adidas, Audi, Tata, KFC} <=> Confidence: 25.0%
{ZARA} -> {Adidas, Audi, Swiss, KFC} <=> Confidence: 25.0%
{ZARA} -> {Audi, Swiss, Poco, OnePlus} <=> Confidence: 25.0%
{ZARA} -> {Bugatti, Tesla, Swiss, Samsung} <=> Confidence: 25.0%
{ZARA} -> {Bugatti, Tesla, Swiss, Dunkin} <=> Confidence: 25.0%
{ZARA} -> {Bugatti, Tesla, Samsung, Dunkin} <=> Confidence: 25.0%
{ZARA} -> {Bugatti, Swiss, Samsung, Dunkin} <=> Confidence: 25.0%
{ZARA} -> {Bugatti, Swiss, Samsung, MG} <=> Confidence: 25.0%
{ZARA} -> {Tesla, Swiss, Samsung, Dunkin} <=> Confidence: 25.0%
{ZARA} -> {Adidas, Swiss, Tata, KFC} <=> Confidence: 25.0%
{ZARA} -> {Adidas, Audi, Swiss, Tata, KFC} <=> Confidence: 25.0%
{ZARA} -> {Bugatti, Tesla, Swiss, Samsung, Dunkin} <=> Confidence: 25.0%
{Samsung} -> {Bugatti} <=> Confidence: 66.67%
{Samsung} -> {MG} <=> Confidence: 33.33%
{Samsung} -> {Swiss} <=> Confidence: 66.67%
{Samsung} -> {ZARA} <=> Confidence: 66.67%
{Samsung} -> {Adidas} <=> Confidence: 33.33%
{Samsung} -> {Tesla} <=> Confidence: 66.67%
{Samsung} -> {Hublot} <=> Confidence: 33.33%
{Samsung} -> {IQOO} <=> Confidence: 33.33%
{Samsung} -> {Dunkin} <=> Confidence: 33.33%
{Samsung} -> {Tesla, Bugatti} <=> Confidence: 33.33%
{Samsung} -> {MG, Bugatti} <=> Confidence: 33.33%
{Samsung} -> {Bugatti, Swiss} <=> Confidence: 66.67%
{Samsung} -> {ZARA, Bugatti} <=> Confidence: 66.67%
{Samsung} -> {Bugatti, Dunkin} <=> Confidence: 33.33%
{Samsung} -> {Tesla, Swiss} <=> Confidence: 33.33%
{Samsung} -> {Tesla, ZARA} <=> Confidence: 33.33%
{Samsung} -> {Tesla, Dunkin} <=> Confidence: 33.33%
{Samsung} -> {Tesla, Adidas} <=> Confidence: 33.33%
```

```
{Samsung} -> {Tesla, Hublot} <=> Confidence: 33.33%
{Samsung} -> {Tesla, IQOO} <=> Confidence: 33.33%
{Samsung} -> {MG, Swiss} <=> Confidence: 33.33%
{Samsung} -> {MG, ZARA} <=> Confidence: 33.33%
{Samsung} -> {ZARA, Swiss} <=> Confidence: 66.67%
{Samsung} -> {Dunkin, Swiss} <=> Confidence: 33.33%
{Samsung} -> {ZARA, Dunkin} <=> Confidence: 33.33%
{Samsung} -> {Hublot, Adidas} <=> Confidence: 33.33%
{Samsung} -> {IQOO, Adidas} <=> Confidence: 33.33%
{Samsung} -> {Hublot, IQOO} <=> Confidence: 33.33%
{Samsung} -> {Tesla, Bugatti, Swiss} <=> Confidence: 33.33%
{Samsung} -> {Tesla, Bugatti, ZARA} <=> Confidence: 33.33%
{Samsung} -> {Tesla, Bugatti, Dunkin} <=> Confidence: 33.33%
{Samsung} -> {ZARA, Bugatti, Swiss} <=> Confidence: 66.67%
{Samsung} -> {Bugatti, Dunkin, Swiss} <=> Confidence: 33.33%
{Samsung} -> {Bugatti, MG, Swiss} <=> Confidence: 33.33%
{Samsung} -> {ZARA, Bugatti, Dunkin} <=> Confidence: 33.33%
{Samsung} -> {ZARA, Bugatti, MG} <=> Confidence: 33.33%
{Samsung} -> {Tesla, ZARA, Swiss} <=> Confidence: 33.33%
{Samsung} -> {Tesla, Dunkin, Swiss} <=> Confidence: 33.33%
{Samsung} -> {Tesla, Dunkin, ZARA} <=> Confidence: 33.33%
{Samsung} -> {Tesla, Hublot, Adidas} <=> Confidence: 33.33%
{Samsung} -> {Tesla, IQOO, Adidas} <=> Confidence: 33.33%
{Samsung} -> {Tesla, Hublot, IQOO} <=> Confidence: 33.33%
{Samsung} -> {ZARA, Dunkin, Swiss} <=> Confidence: 33.33%
{Samsung} -> {ZARA, MG, Swiss} <=> Confidence: 33.33%
{Samsung} -> {Hublot, IQOO, Adidas} <=> Confidence: 33.33%
{Samsung} -> {ZARA, Bugatti, Tesla, Swiss} <=> Confidence: 33.33%
{Samsung} -> {ZARA, Bugatti, Tesla, Dunkin} <=> Confidence: 33.33%
{Samsung} -> {Bugatti, Tesla, Swiss, Dunkin} <=> Confidence: 33.33%
{Samsung} -> {ZARA, Bugatti, Swiss, Dunkin} <=> Confidence: 33.33%
{Samsung} -> {ZARA, Bugatti, Swiss, MG} <=> Confidence: 33.33%
{Samsung} -> {ZARA, Tesla, Swiss, Dunkin} <=> Confidence: 33.33%
{Samsung} -> {Adidas, Tesla, IOOO, Hublot} <=> Confidence: 33.33%
{Samsung} -> {ZARA, Bugatti, Tesla, Swiss, Dunkin} <=> Confidence: 33.33%
{Kia} -> {Bugatti} <=> Confidence: 33.33%
{Kia} -> {Casio} <=> Confidence: 100.0%
{Kia} -> {MG} <=> Confidence: 33.33%
{Kia} -> {Dior} <=> Confidence: 100.0%
{Kia} -> {Microsoft} <=> Confidence: 66.67%
{Kia} -> {Maserati} <=> Confidence: 33.33%
{Kia} -> {Dominos} <=> Confidence: 33.33%
{Kia} -> {Vivo} <=> Confidence: 33.33%
{Kia} -> {Bugatti, Casio} <=> Confidence: 33.33%
{Kia} -> {Bugatti, Dior} <=> Confidence: 33.33%
{Kia} -> {Bugatti, Microsoft} <=> Confidence: 33.33%
```

```
{Kia} -> {Casio, Maserati} <=> Confidence: 33.33%
{Kia} -> {Dior, Maserati} <=> Confidence: 33.33%
{Kia} -> {Vivo, Maserati} <=> Confidence: 33.33%
{Kia} -> {MG, Casio} <=> Confidence: 33.33%
{Kia} -> {Casio, Dior} <=> Confidence: 100.0%
{Kia} -> {Casio, Microsoft} <=> Confidence: 66.67%
{Kia} -> {Dominos, Casio} <=> Confidence: 33.33%
{Kia} -> {Vivo, Casio} <=> Confidence: 33.33%
{Kia} -> {MG, Dior} <=> Confidence: 33.33%
{Kia} -> {MG, Microsoft} <=> Confidence: 33.33%
{Kia} -> {MG, Dominos} <=> Confidence: 33.33%
{Kia} -> {Dior, Microsoft} <=> Confidence: 66.67%
{Kia} -> {Dominos, Dior} <=> Confidence: 33.33%
{Kia} -> {Vivo, Dior} <=> Confidence: 33.33%
{Kia} -> {Dominos, Microsoft} <=> Confidence: 33.33%
{Kia} -> {Bugatti, Casio, Dior} <=> Confidence: 33.33%
{Kia} -> {Bugatti, Casio, Microsoft} <=> Confidence: 33.33%
{Kia} -> {Bugatti, Dior, Microsoft} <=> Confidence: 33.33%
{Kia} -> {Dior, Casio, Maserati} <=> Confidence: 33.33%
{Kia} -> {Vivo, Casio, Maserati} <=> Confidence: 33.33%
{Kia} -> {Vivo, Dior, Maserati} <=> Confidence: 33.33%
{Kia} -> {Casio, Dior, Microsoft} <=> Confidence: 66.67%
{Kia} -> {MG, Casio, Dior} <=> Confidence: 33.33%
{Kia} -> {Vivo, Casio, Dior} <=> Confidence: 33.33%
{Kia} -> {Dominos, Casio, Dior} <=> Confidence: 33.33%
{Kia} -> {MG, Casio, Microsoft} <=> Confidence: 33.33%
{Kia} -> {Dominos, Casio, Microsoft} <=> Confidence: 33.33%
{Kia} -> {MG, Dominos, Casio} <=> Confidence: 33.33%
{Kia} -> {MG, Dior, Microsoft} <=> Confidence: 33.33%
{Kia} -> {Dominos, Dior, Microsoft} <=> Confidence: 33.33%
{Kia} -> {MG, Dominos, Dior} <=> Confidence: 33.33%
{Kia} -> {MG, Dominos, Microsoft} <=> Confidence: 33.33%
{Kia} -> {Bugatti, Casio, Dior, Microsoft} <=> Confidence: 33.33%
{Kia} -> {Casio, Vivo, Dior, Maserati} <=> Confidence: 33.33%
{Kia} -> {Casio, Dior, MG, Microsoft} <=> Confidence: 33.33%
{Kia} -> {Dominos, Casio, Dior, MG} <=> Confidence: 33.33%
{Kia} -> {Dominos, Casio, MG, Microsoft} <=> Confidence: 33.33%
{Kia} -> {Dominos, Dior, MG, Microsoft} <=> Confidence: 33.33%
{Kia} -> {Dominos, Casio, Dior, Microsoft} <=> Confidence: 33.33%
{Kia} -> {Dominos, Casio, Dior, MG, Microsoft} <=> Confidence: 33.33%
{Dior} -> {Bugatti} <=> Confidence: 33.33%
{Dior} -> {Casio} <=> Confidence: 100.0%
{Dior} -> {MG} <=> Confidence: 33.33%
{Dior} -> {Kia} <=> Confidence: 100.0%
{Dior} -> {Microsoft} <=> Confidence: 66.67%
{Dior} -> {Maserati} <=> Confidence: 33.33%
```

```
{Dior} -> {Dominos} <=> Confidence: 33.33%
{Dior} -> {Vivo} <=> Confidence: 33.33%
{Dior} -> {Bugatti, Casio} <=> Confidence: 33.33%
{Dior} -> {Bugatti, Kia} <=> Confidence: 33.33%
{Dior} -> {Bugatti, Microsoft} <=> Confidence: 33.33%
{Dior} -> {Casio, Maserati} <=> Confidence: 33.33%
{Dior} -> {Kia, Maserati} <=> Confidence: 33.33%
{Dior} -> {Vivo, Maserati} <=> Confidence: 33.33%
{Dior} -> {MG, Casio} <=> Confidence: 33.33%
{Dior} -> {Kia, Casio} <=> Confidence: 100.0%
{Dior} -> {Casio, Microsoft} <=> Confidence: 66.67%
{Dior} -> {Dominos, Casio} <=> Confidence: 33.33%
{Dior} -> {Vivo, Casio} <=> Confidence: 33.33%
{Dior} -> {MG, Kia} <=> Confidence: 33.33%
{Dior} -> {MG, Microsoft} <=> Confidence: 33.33%
{Dior} -> {MG, Dominos} <=> Confidence: 33.33%
{Dior} -> {Kia, Microsoft} <=> Confidence: 66.67%
{Dior} -> {Dominos, Kia} <=> Confidence: 33.33%
{Dior} -> {Vivo, Kia} <=> Confidence: 33.33%
{Dior} -> {Dominos, Microsoft} <=> Confidence: 33.33%
{Dior} -> {Bugatti, Casio, Kia} <=> Confidence: 33.33%
{Dior} -> {Bugatti, Casio, Microsoft} <=> Confidence: 33.33%
{Dior} -> {Bugatti, Kia, Microsoft} <=> Confidence: 33.33%
{Dior} -> {Kia, Casio, Maserati} <=> Confidence: 33.33%
{Dior} -> {Vivo, Casio, Maserati} <=> Confidence: 33.33%
{Dior} -> {Vivo, Kia, Maserati} <=> Confidence: 33.33%
{Dior} -> {Kia, Casio, Microsoft} <=> Confidence: 66.67%
{Dior} -> {MG, Kia, Casio} <=> Confidence: 33.33%
{Dior} -> {Vivo, Kia, Casio} <=> Confidence: 33.33%
{Dior} -> {Dominos, Kia, Casio} <=> Confidence: 33.33%
{Dior} -> {MG, Casio, Microsoft} <=> Confidence: 33.33%
{Dior} -> {Dominos, Casio, Microsoft} <=> Confidence: 33.33%
{Dior} -> {MG, Dominos, Casio} <=> Confidence: 33.33%
{Dior} -> {MG, Kia, Microsoft} <=> Confidence: 33.33%
{Dior} -> {Dominos, Kia, Microsoft} <=> Confidence: 33.33%
{Dior} -> {MG, Dominos, Kia} <=> Confidence: 33.33%
{Dior} -> {MG, Dominos, Microsoft} <=> Confidence: 33.33%
{Dior} -> {Bugatti, Casio, Microsoft, Kia} <=> Confidence: 33.33%
{Dior} -> {Casio, Vivo, Kia, Maserati} <=> Confidence: 33.33%
{Dior} -> {Casio, MG, Microsoft, Kia} <=> Confidence: 33.33%
{Dior} -> {Dominos, Casio, MG, Kia} <=> Confidence: 33.33%
{Dior} -> {Dominos, Casio, MG, Microsoft} <=> Confidence: 33.33%
{Dior} -> {Dominos, MG, Microsoft, Kia} <=> Confidence: 33.33%
{Dior} -> {Dominos, Casio, Microsoft, Kia} <=> Confidence: 33.33%
{Dior} -> {Dominos, Casio, MG, Microsoft, Kia} <=> Confidence: 33.33%
{Microsoft} -> {Bugatti} <=> Confidence: 50.0%
```

```
{Microsoft} -> {Casio} <=> Confidence: 100.0%
{Microsoft} \rightarrow {MG} \iff {Confidence: 50.0\%}
\{Microsoft\} \rightarrow \{Kia\} \iff Confidence: 100.0\%
{Microsoft} -> {Dior} <=> Confidence: 100.0%
{Microsoft} -> {Dominos} <=> Confidence: 50.0%
{Microsoft} -> {Bugatti, Casio} <=> Confidence: 50.0%
{Microsoft} -> {Bugatti, Kia} <=> Confidence: 50.0%
{Microsoft} -> {Bugatti, Dior} <=> Confidence: 50.0%
{Microsoft} -> {MG, Casio} <=> Confidence: 50.0%
{Microsoft} -> {Kia, Casio} <=> Confidence: 100.0%
{Microsoft} -> {Casio, Dior} <=> Confidence: 100.0%
{Microsoft} -> {Dominos, Casio} <=> Confidence: 50.0%
{Microsoft} -> {MG, Kia} <=> Confidence: 50.0%
{Microsoft} -> {MG, Dior} <=> Confidence: 50.0%
{Microsoft} -> {MG, Dominos} <=> Confidence: 50.0%
{Microsoft} -> {Kia, Dior} <=> Confidence: 100.0%
{Microsoft} -> {Dominos, Kia} <=> Confidence: 50.0%
{Microsoft} -> {Dominos, Dior} <=> Confidence: 50.0%
{Microsoft} -> {Bugatti, Casio, Kia} <=> Confidence: 50.0%
{Microsoft} -> {Bugatti, Casio, Dior} <=> Confidence: 50.0%
{Microsoft} -> {Bugatti, Kia, Dior} <=> Confidence: 50.0%
{Microsoft} -> {Kia, Casio, Dior} <=> Confidence: 100.0%
{Microsoft} -> {MG, Kia, Casio} <=> Confidence: 50.0%
{Microsoft} -> {Dominos, Kia, Casio} <=> Confidence: 50.0%
{Microsoft} -> {MG, Casio, Dior} <=> Confidence: 50.0%
{Microsoft} -> {Dominos, Casio, Dior} <=> Confidence: 50.0%
{Microsoft} -> {MG, Dominos, Casio} <=> Confidence: 50.0%
{Microsoft} -> {MG, Kia, Dior} <=> Confidence: 50.0%
{Microsoft} -> {Dominos, Kia, Dior} <=> Confidence: 50.0%
{Microsoft} -> {MG, Dominos, Kia} <=> Confidence: 50.0%
{Microsoft} -> {MG, Dominos, Dior} <=> Confidence: 50.0%
{Microsoft} -> {Bugatti, Casio, Dior, Kia} <=> Confidence: 50.0%
{Microsoft} -> {Casio, Dior, MG, Kia} <=> Confidence: 50.0%
{Microsoft} -> {Dominos, Casio, Dior, MG} <=> Confidence: 50.0%
{Microsoft} -> {Dominos, Casio, MG, Kia} <=> Confidence: 50.0%
{Microsoft} -> {Dominos, Dior, MG, Kia} <=> Confidence: 50.0%
{Microsoft} -> {Dominos, Casio, Dior, Kia} <=> Confidence: 50.0%
{Microsoft} -> {Dominos, Casio, Dior, MG, Kia} <=> Confidence: 50.0%
{Dunkin} -> {Bugatti} <=> Confidence: 100.0%
{Dunkin} -> {Swiss} <=> Confidence: 100.0%
{Dunkin} -> {ZARA} <=> Confidence: 100.0%
{Dunkin} -> {Tesla} <=> Confidence: 100.0%
{Dunkin} -> {Samsung} <=> Confidence: 100.0%
{Dunkin} -> {Tesla, Bugatti} <=> Confidence: 100.0%
{Dunkin} -> {Bugatti, Swiss} <=> Confidence: 100.0%
{Dunkin} -> {ZARA, Bugatti} <=> Confidence: 100.0%
```

```
{Dunkin} -> {Samsung, Bugatti} <=> Confidence: 100.0%
{Dunkin} -> {Tesla, Swiss} <=> Confidence: 100.0%
{Dunkin} -> {Tesla, ZARA} <=> Confidence: 100.0%
{Dunkin} -> {Tesla, Samsung} <=> Confidence: 100.0%
{Dunkin} -> {ZARA, Swiss} <=> Confidence: 100.0%
{Dunkin} -> {Samsung, Swiss} <=> Confidence: 100.0%
{Dunkin} -> {ZARA, Samsung} <=> Confidence: 100.0%
{Dunkin} -> {Tesla, Bugatti, Swiss} <=> Confidence: 100.0%
{Dunkin} -> {Tesla, Bugatti, ZARA} <=> Confidence: 100.0%
{Dunkin} -> {Tesla, Samsung, Bugatti} <=> Confidence: 100.0%
{Dunkin} -> {ZARA, Bugatti, Swiss} <=> Confidence: 100.0%
{Dunkin} -> {Samsung, Bugatti, Swiss} <=> Confidence: 100.0%
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{Dunkin} -> {Tesla, Samsung, Swiss} <=> Confidence: 100.0%
{Dunkin} -> {Tesla, Samsung, ZARA} <=> Confidence: 100.0%
{Dunkin} -> {ZARA, Samsung, Swiss} <=> Confidence: 100.0%
{Dunkin} -> {ZARA, Bugatti, Tesla, Swiss} <=> Confidence: 100.0%
{Dunkin} -> {ZARA, Bugatti, Tesla, Samsung} <=> Confidence: 100.0%
{Dunkin} -> {Bugatti, Tesla, Swiss, Samsung} <=> Confidence: 100.0%
{Dunkin} -> {ZARA, Bugatti, Swiss, Samsung} <=> Confidence: 100.0%
{Dunkin} -> {ZARA, Tesla, Swiss, Samsung} <=> Confidence: 100.0%
{Dunkin} -> {ZARA, Bugatti, Tesla, Swiss, Samsung} <=> Confidence: 100.0%
{Omega} -> {Bugatti} <=> Confidence: 50.0%
{Omega} -> {Tata} <=> Confidence: 50.0%
{Omega} -> {H&M} <=> Confidence: 50.0%
{Omega} -> {Oppo} <=> Confidence: 50.0%
{Omega} -> {Pagani} <=> Confidence: 50.0%
{Omega} -> {Puma} <=> Confidence: 50.0%
{Omega} -> {Chipotle} <=> Confidence: 50.0%
{Omega} -> {Seiko} <=> Confidence: 50.0%
{Omega} -> {FILA} <=> Confidence: 50.0%
{Omega} -> {Wendys} <=> Confidence: 50.0%
{Omega} -> {Bugatti, H&M} <=> Confidence: 50.0%
{Omega} -> {Seiko, Bugatti} <=> Confidence: 50.0%
{Omega} -> {Bugatti, FILA} <=> Confidence: 50.0%
{Omega} -> {Bugatti, Wendys} <=> Confidence: 50.0%
{Omega} -> {Oppo, Tata} <=> Confidence: 50.0%
{Omega} -> {Pagani, Tata} <=> Confidence: 50.0%
{Omega} -> {Puma, Tata} <=> Confidence: 50.0%
{Omega} -> {Chipotle, Tata} <=> Confidence: 50.0%
{Omega} -> {Seiko, H&M} <=> Confidence: 50.0%
{Omega} -> {H&M, FILA} <=> Confidence: 50.0%
{Omega} -> {H&M, Wendys} <=> Confidence: 50.0%
{Omega} -> {Pagani, Oppo} <=> Confidence: 50.0%
\{Omega\} \rightarrow \{Puma, Oppo\} \iff Confidence: 50.0\%
```

```
{Omega} -> {Chipotle, Oppo} <=> Confidence: 50.0%
{Omega} -> {Seiko, FILA} <=> Confidence: 50.0%
{Omega} -> {Seiko, Wendys} <=> Confidence: 50.0%
{Omega} -> {FILA, Wendys} <=> Confidence: 50.0%
{Omega} -> {Puma, Pagani} <=> Confidence: 50.0%
{Omega} -> {Pagani, Chipotle} <=> Confidence: 50.0%
{Omega} -> {Puma, Chipotle} <=> Confidence: 50.0%
{Omega} -> {Seiko, Bugatti, H&M} <=> Confidence: 50.0%
{Omega} -> {Bugatti, H&M, FILA} <=> Confidence: 50.0%
{Omega} -> {Bugatti, H&M, Wendys} <=> Confidence: 50.0%
{Omega} -> {Seiko, Bugatti, FILA} <=> Confidence: 50.0%
{Omega} -> {Seiko, Bugatti, Wendys} <=> Confidence: 50.0%
{Omega} -> {Bugatti, FILA, Wendys} <=> Confidence: 50.0%
{Omega} -> {Seiko, H&M, FILA} <=> Confidence: 50.0%
{Omega} -> {Seiko, H&M, Wendys} <=> Confidence: 50.0%
{Omega} -> {H&M, FILA, Wendys} <=> Confidence: 50.0%
{Omega} -> {Pagani, Oppo, Tata} <=> Confidence: 50.0%
{Omega} -> {Puma, Oppo, Tata} <=> Confidence: 50.0%
{Omega} -> {Chipotle, Oppo, Tata} <=> Confidence: 50.0%
{Omega} -> {Puma, Pagani, Oppo} <=> Confidence: 50.0%
{Omega} -> {Pagani, Chipotle, Oppo} <=> Confidence: 50.0%
{Omega} -> {Puma, Chipotle, Oppo} <=> Confidence: 50.0%
{Omega} -> {Puma, Pagani, Tata} <=> Confidence: 50.0%
{Omega} -> {Pagani, Chipotle, Tata} <=> Confidence: 50.0%
{Omega} -> {Puma, Chipotle, Tata} <=> Confidence: 50.0%
{Omega} -> {Seiko, FILA, Wendys} <=> Confidence: 50.0%
{Omega} -> {Puma, Pagani, Chipotle} <=> Confidence: 50.0%
{Omega} -> {Bugatti, Seiko, FILA, H&M} <=> Confidence: 50.0%
{Omega} -> {Bugatti, Wendys, Seiko, H&M} <=> Confidence: 50.0%
{Omega} -> {Bugatti, Wendys, FILA, H&M} <=> Confidence: 50.0%
{Omega} -> {Bugatti, Wendys, Seiko, FILA} <=> Confidence: 50.0%
{Omega} -> {Wendys, Seiko, FILA, H&M} <=> Confidence: 50.0%
{Omega} -> {Pagani, Oppo, Tata, Puma} <=> Confidence: 50.0%
{Omega} -> {Pagani, Chipotle, Oppo, Tata} <=> Confidence: 50.0%
{Omega} -> {Chipotle, Oppo, Tata, Puma} <=> Confidence: 50.0%
{Omega} -> {Pagani, Chipotle, Oppo, Puma} <=> Confidence: 50.0%
{Omega} -> {Pagani, Chipotle, Tata, Puma} <=> Confidence: 50.0%
{Omega} -> {Bugatti, Wendys, Seiko, FILA, H&M} <=> Confidence: 50.0%
{Omega} -> {Pagani, Chipotle, Oppo, Tata, Puma} <=> Confidence: 50.0%
{Seiko} -> {Bugatti} <=> Confidence: 100.0%
\{Seiko\} \rightarrow \{H\&M\} \iff Confidence: 100.0\%
{Seiko} -> {Omega} <=> Confidence: 100.0%
{Seiko} -> {FILA} <=> Confidence: 100.0%
{Seiko} -> {Wendys} <=> Confidence: 100.0%
{Seiko} -> {Bugatti, H&M} <=> Confidence: 100.0%
{Seiko} -> {Omega, Bugatti} <=> Confidence: 100.0%
```

```
{Seiko} -> {Bugatti, FILA} <=> Confidence: 100.0%
{Seiko} -> {Bugatti, Wendys} <=> Confidence: 100.0%
{Seiko} -> {Omega, H&M} <=> Confidence: 100.0%
{Seiko} -> {H&M, FILA} <=> Confidence: 100.0%
{Seiko} -> {H&M, Wendys} <=> Confidence: 100.0%
{Seiko} -> {Omega, FILA} <=> Confidence: 100.0%
{Seiko} -> {Omega, Wendys} <=> Confidence: 100.0%
{Seiko} -> {FILA, Wendys} <=> Confidence: 100.0%
{Seiko} -> {Omega, Bugatti, H&M} <=> Confidence: 100.0%
{Seiko} -> {Bugatti, H&M, FILA} <=> Confidence: 100.0%
{Seiko} -> {Bugatti, H&M, Wendys} <=> Confidence: 100.0%
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{Adidas} -> {KFC} <=> Confidence: 33.33%
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{Pagani} -> {Chipotle, Tata} <=> Confidence: 100.0%
{Pagani} -> {Omega, Oppo} <=> Confidence: 100.0%
{Pagani} -> {Puma, Oppo} <=> Confidence: 100.0%
{Pagani} -> {Chipotle, Oppo} <=> Confidence: 100.0%
{Pagani} -> {Puma, Omega} <=> Confidence: 100.0%
{Pagani} -> {Omega, Chipotle} <=> Confidence: 100.0%
{Pagani} -> {Puma, Chipotle} <=> Confidence: 100.0%
{Pagani} -> {Omega, Oppo, Tata} <=> Confidence: 100.0%
{Pagani} -> {Puma, Oppo, Tata} <=> Confidence: 100.0%
{Pagani} -> {Chipotle, Oppo, Tata} <=> Confidence: 100.0%
{Pagani} -> {Puma, Omega, Oppo} <=> Confidence: 100.0%
{Pagani} -> {Omega, Chipotle, Oppo} <=> Confidence: 100.0%
{Pagani} -> {Puma, Chipotle, Oppo} <=> Confidence: 100.0%
{Pagani} -> {Puma, Omega, Tata} <=> Confidence: 100.0%
{Pagani} -> {Omega, Chipotle, Tata} <=> Confidence: 100.0%
{Pagani} -> {Puma, Chipotle, Tata} <=> Confidence: 100.0%
{Pagani} -> {Puma, Omega, Chipotle} <=> Confidence: 100.0%
{Pagani} -> {Oppo, Tata, Puma, Omega} <=> Confidence: 100.0%
{Pagani} -> {Chipotle, Oppo, Tata, Omega} <=> Confidence: 100.0%
{Pagani} -> {Chipotle, Oppo, Tata, Puma} <=> Confidence: 100.0%
{Pagani} -> {Chipotle, Oppo, Puma, Omega} <=> Confidence: 100.0%
{Pagani} -> {Chipotle, Tata, Puma, Omega} <=> Confidence: 100.0%
{Pagani} -> {Chipotle, Oppo, Tata, Puma, Omega} <=> Confidence: 100.0%
{Puma} -> {Tata} <=> Confidence: 100.0%
```

```
{Puma} -> {Oppo} <=> Confidence: 100.0%
{Puma} -> {Pagani} <=> Confidence: 100.0%
{Puma} -> {Omega} <=> Confidence: 100.0%
{Puma} -> {Chipotle} <=> Confidence: 100.0%
{Puma} -> {Oppo, Tata} <=> Confidence: 100.0%
{Puma} -> {Omega, Tata} <=> Confidence: 100.0%
{Puma} -> {Pagani, Tata} <=> Confidence: 100.0%
{Puma} -> {Chipotle, Tata} <=> Confidence: 100.0%
{Puma} -> {Omega, Oppo} <=> Confidence: 100.0%
{Puma} -> {Pagani, Oppo} <=> Confidence: 100.0%
{Puma} -> {Chipotle, Oppo} <=> Confidence: 100.0%
{Puma} -> {Omega, Pagani} <=> Confidence: 100.0%
{Puma} -> {Omega, Chipotle} <=> Confidence: 100.0%
{Puma} -> {Pagani, Chipotle} <=> Confidence: 100.0%
{Puma} -> {Omega, Oppo, Tata} <=> Confidence: 100.0%
{Puma} -> {Pagani, Oppo, Tata} <=> Confidence: 100.0%
{Puma} -> {Chipotle, Oppo, Tata} <=> Confidence: 100.0%
{Puma} -> {Omega, Pagani, Oppo} <=> Confidence: 100.0%
{Puma} -> {Omega, Chipotle, Oppo} <=> Confidence: 100.0%
{Puma} -> {Pagani, Chipotle, Oppo} <=> Confidence: 100.0%
{Puma} -> {Omega, Pagani, Tata} <=> Confidence: 100.0%
{Puma} -> {Omega, Chipotle, Tata} <=> Confidence: 100.0%
{Puma} -> {Pagani, Chipotle, Tata} <=> Confidence: 100.0%
{Puma} -> {Omega, Pagani, Chipotle} <=> Confidence: 100.0%
{Puma} -> {Pagani, Oppo, Tata, Omega} <=> Confidence: 100.0%
{Puma} -> {Chipotle, Oppo, Tata, Omega} <=> Confidence: 100.0%
{Puma} -> {Pagani, Chipotle, Oppo, Tata} <=> Confidence: 100.0%
{Puma} -> {Pagani, Chipotle, Oppo, Omega} <=> Confidence: 100.0%
{Puma} -> {Pagani, Chipotle, Tata, Omega} <=> Confidence: 100.0%
{Puma} -> {Pagani, Chipotle, Oppo, Tata, Omega} <=> Confidence: 100.0%
{Chipotle} -> {Tata} <=> Confidence: 100.0%
{Chipotle} -> {Oppo} <=> Confidence: 100.0%
{Chipotle} -> {Pagani} <=> Confidence: 100.0%
{Chipotle} -> {Omega} <=> Confidence: 100.0%
{Chipotle} -> {Puma} <=> Confidence: 100.0%
{Chipotle} -> {Oppo, Tata} <=> Confidence: 100.0%
{Chipotle} -> {Omega, Tata} <=> Confidence: 100.0%
{Chipotle} -> {Pagani, Tata} <=> Confidence: 100.0%
{Chipotle} -> {Puma, Tata} <=> Confidence: 100.0%
{Chipotle} -> {Omega, Oppo} <=> Confidence: 100.0%
{Chipotle} -> {Pagani, Oppo} <=> Confidence: 100.0%
{Chipotle} -> {Puma, Oppo} <=> Confidence: 100.0%
{Chipotle} -> {Omega, Pagani} <=> Confidence: 100.0%
{Chipotle} -> {Puma, Omega} <=> Confidence: 100.0%
{Chipotle} -> {Puma, Pagani} <=> Confidence: 100.0%
{Chipotle} -> {Omega, Oppo, Tata} <=> Confidence: 100.0%
```

```
{Chipotle} -> {Pagani, Oppo, Tata} <=> Confidence: 100.0%
{Chipotle} -> {Puma, Oppo, Tata} <=> Confidence: 100.0%
{Chipotle} -> {Omega, Pagani, Oppo} <=> Confidence: 100.0%
{Chipotle} -> {Puma, Omega, Oppo} <=> Confidence: 100.0%
{Chipotle} -> {Puma, Pagani, Oppo} <=> Confidence: 100.0%
{Chipotle} -> {Omega, Pagani, Tata} <=> Confidence: 100.0%
{Chipotle} -> {Puma, Omega, Tata} <=> Confidence: 100.0%
{Chipotle} -> {Puma, Pagani, Tata} <=> Confidence: 100.0%
{Chipotle} -> {Puma, Omega, Pagani} <=> Confidence: 100.0%
{Chipotle} -> {Pagani, Oppo, Tata, Omega} <=> Confidence: 100.0%
{Chipotle} -> {Oppo, Tata, Puma, Omega} <=> Confidence: 100.0%
{Chipotle} -> {Pagani, Oppo, Tata, Puma} <=> Confidence: 100.0%
{Chipotle} -> {Pagani, Oppo, Puma, Omega} <=> Confidence: 100.0%
{Chipotle} -> {Pagani, Tata, Puma, Omega} <=> Confidence: 100.0%
{Chipotle} -> {Pagani, Oppo, Tata, Puma, Omega} <=> Confidence: 100.0%
{IOOO} -> {Adidas} <=> Confidence: 100.0%
{IQOO} -> {Tesla} <=> Confidence: 100.0%
{IQOO} -> {Hublot} <=> Confidence: 100.0%
{IQOO} -> {Samsung} <=> Confidence: 100.0%
{IQOO} -> {Tesla, Samsung} <=> Confidence: 100.0%
{IQOO} -> {Tesla, Adidas} <=> Confidence: 100.0%
{IQOO} -> {Tesla, Hublot} <=> Confidence: 100.0%
{IQOO} -> {Samsung, Adidas} <=> Confidence: 100.0%
{IQOO} -> {Samsung, Hublot} <=> Confidence: 100.0%
{IQOO} -> {Adidas, Hublot} <=> Confidence: 100.0%
{IQOO} -> {Tesla, Samsung, Adidas} <=> Confidence: 100.0%
{IQOO} -> {Tesla, Samsung, Hublot} <=> Confidence: 100.0%
{IQOO} -> {Tesla, Hublot, Adidas} <=> Confidence: 100.0%
{IQOO} -> {Samsung, Hublot, Adidas} <=> Confidence: 100.0%
{IQOO} -> {Adidas, Tesla, Samsung, Hublot} <=> Confidence: 100.0%
{Tissot, Audi} -> {Bugatti} <=> Confidence: 100.0%
{Tissot, Audi} -> {Titan} <=> Confidence: 100.0%
{Tissot, Audi} -> {GUCCI} <=> Confidence: 100.0%
{Tissot, Audi} -> {Starbucks} <=> Confidence: 100.0%
{Tissot, Audi} -> {Titan, Bugatti} <=> Confidence: 100.0%
{Tissot, Audi} -> {Bugatti, GUCCI} <=> Confidence: 100.0%
{Tissot, Audi} -> {Starbucks, Bugatti} <=> Confidence: 100.0%
{Tissot, Audi} -> {Titan, GUCCI} <=> Confidence: 100.0%
{Tissot, Audi} -> {Titan, Starbucks} <=> Confidence: 100.0%
{Tissot, Audi} -> {Starbucks, GUCCI} <=> Confidence: 100.0%
{Tissot, Bugatti} -> {Audi} <=> Confidence: 33.33%
{Tissot, Bugatti} -> {Titan} <=> Confidence: 33.33%
{Tissot, Bugatti} -> {GUCCI} <=> Confidence: 33.33%
{Tissot, Bugatti} -> {Starbucks} <=> Confidence: 33.33%
{Tissot, Bugatti} -> {Hermes} <=> Confidence: 33.33%
{Tissot, Bugatti} -> {Tesla} <=> Confidence: 33.33%
```

```
{Tissot, Bugatti} -> {H&M} <=> Confidence: 33.33%
{Tissot, Bugatti} -> {IHOP} <=> Confidence: 33.33%
{Tissot, Bugatti} -> {Coach} <=> Confidence: 33.33%
{Tissot, Bugatti} -> {Oppo} <=> Confidence: 33.33%
{Tissot, Bugatti} -> {Xiaomi} <=> Confidence: 33.33%
{Tissot, Bugatti} -> {Maserati} <=> Confidence: 33.33%
{Tissot, Bugatti} -> {Titan, Audi} <=> Confidence: 33.33%
{Tissot, Bugatti} -> {Audi, GUCCI} <=> Confidence: 33.33%
{Tissot, Bugatti} -> {Starbucks, Audi} <=> Confidence: 33.33%
{Tissot, Bugatti} -> {Titan, GUCCI} <=> Confidence: 33.33%
{Tissot, Bugatti} -> {Titan, Starbucks} <=> Confidence: 33.33%
{Tissot, Bugatti} -> {Starbucks, GUCCI} <=> Confidence: 33.33%
{Tissot, Bugatti} -> {Tesla, Hermes} <=> Confidence: 33.33%
{Tissot, Bugatti} -> {Hermes, H&M} <=> Confidence: 33.33%
{Tissot, Bugatti} -> {Hermes, IHOP} <=> Confidence: 33.33%
{Tissot, Bugatti} -> {Tesla, H&M} <=> Confidence: 33.33%
{Tissot, Bugatti} -> {Tesla, IHOP} <=> Confidence: 33.33%
{Tissot, Bugatti} -> {H&M, IHOP} <=> Confidence: 33.33%
{Tissot, Bugatti} -> {Coach, Oppo} <=> Confidence: 33.33%
{Tissot, Bugatti} -> {Coach, Xiaomi} <=> Confidence: 33.33%
{Tissot, Bugatti} -> {Coach, Maserati} <=> Confidence: 33.33%
{Tissot, Bugatti} -> {Oppo, Xiaomi} <=> Confidence: 33.33%
{Tissot, Bugatti} -> {Oppo, Maserati} <=> Confidence: 33.33%
{Tissot, Bugatti} -> {Xiaomi, Maserati} <=> Confidence: 33.33%
{Audi, Bugatti} -> {Tissot} <=> Confidence: 100.0%
{Audi, Bugatti} -> {Titan} <=> Confidence: 100.0%
{Audi, Bugatti} -> {GUCCI} <=> Confidence: 100.0%
{Audi, Bugatti} -> {Starbucks} <=> Confidence: 100.0%
{Audi, Bugatti} -> {Titan, Tissot} <=> Confidence: 100.0%
{Audi, Bugatti} -> {Tissot, GUCCI} <=> Confidence: 100.0%
{Audi, Bugatti} -> {Starbucks, Tissot} <=> Confidence: 100.0%
{Audi, Bugatti} -> {Titan, GUCCI} <=> Confidence: 100.0%
{Audi, Bugatti} -> {Titan, Starbucks} <=> Confidence: 100.0%
{Audi, Bugatti} -> {Starbucks, GUCCI} <=> Confidence: 100.0%
{Audi, Bugatti} -> {Titan, Tissot, GUCCI} <=> Confidence: 100.0%
{Audi, Bugatti} -> {Titan, Tissot, Starbucks} <=> Confidence: 100.0%
{Audi, Bugatti} -> {Titan, Starbucks, GUCCI} <=> Confidence: 100.0%
{Audi, Bugatti} -> {Tissot, Starbucks, GUCCI} <=> Confidence: 100.0%
{Audi, Bugatti} -> {Titan, Tissot, Starbucks, GUCCI} <=> Confidence: 100.0%
{Titan, Tissot} -> {Bugatti} <=> Confidence: 100.0%
{Titan, Tissot} -> {Audi} <=> Confidence: 100.0%
{Titan, Tissot} -> {GUCCI} <=> Confidence: 100.0%
{Titan, Tissot} -> {Starbucks} <=> Confidence: 100.0%
{Titan, Tissot} -> {Audi, Bugatti} <=> Confidence: 100.0%
{Titan, Tissot} -> {Audi, GUCCI} <=> Confidence: 100.0%
{Titan, Tissot} -> {Audi, Starbucks} <=> Confidence: 100.0%
```

```
{Titan, Tissot} -> {Bugatti, GUCCI} <=> Confidence: 100.0%
{Titan, Tissot} -> {Starbucks, Bugatti} <=> Confidence: 100.0%
{Titan, Tissot} -> {Starbucks, GUCCI} <=> Confidence: 100.0%
{Titan, Tissot} -> {Audi, Bugatti, GUCCI} <=> Confidence: 100.0%
{Titan, Tissot} -> {Audi, Bugatti, Starbucks} <=> Confidence: 100.0%
{Titan, Tissot} -> {Audi, Starbucks, GUCCI} <=> Confidence: 100.0%
{Titan, Tissot} -> {Bugatti, Starbucks, GUCCI} <=> Confidence: 100.0%
{Titan, Tissot} -> {Audi, Bugatti, Starbucks, GUCCI} <=> Confidence: 100.0%
{Titan, Bugatti} -> {Tissot} <=> Confidence: 100.0%
{Titan, Bugatti} -> {Audi} <=> Confidence: 100.0%
{Titan, Bugatti} -> {GUCCI} <=> Confidence: 100.0%
{Titan, Bugatti} -> {Starbucks} <=> Confidence: 100.0%
{Titan, Bugatti} -> {Tissot, Audi} <=> Confidence: 100.0%
{Titan, Bugatti} -> {Tissot, GUCCI} <=> Confidence: 100.0%
{Titan, Bugatti} -> {Tissot, Starbucks} <=> Confidence: 100.0%
{Titan, Bugatti} -> {Audi, GUCCI} <=> Confidence: 100.0%
{Titan, Bugatti} -> {Audi, Starbucks} <=> Confidence: 100.0%
{Titan, Bugatti} -> {Starbucks, GUCCI} <=> Confidence: 100.0%
{Titan, Bugatti} -> {Audi, Tissot, GUCCI} <=> Confidence: 100.0%
{Titan, Bugatti} -> {Audi, Tissot, Starbucks} <=> Confidence: 100.0%
{Titan, Bugatti} -> {Tissot, Starbucks, GUCCI} <=> Confidence: 100.0%
{Titan, Bugatti} -> {Audi, Starbucks, GUCCI} <=> Confidence: 100.0%
{Titan, Bugatti} -> {Audi, Tissot, Starbucks, GUCCI} <=> Confidence: 100.0%
{Tissot, GUCCI} -> {Bugatti} <=> Confidence: 100.0%
{Tissot, GUCCI} -> {Audi} <=> Confidence: 100.0%
{Tissot, GUCCI} -> {Titan} <=> Confidence: 100.0%
{Tissot, GUCCI} -> {Starbucks} <=> Confidence: 100.0%
{Tissot, GUCCI} -> {Audi, Bugatti} <=> Confidence: 100.0%
{Tissot, GUCCI} -> {Titan, Audi} <=> Confidence: 100.0%
{Tissot, GUCCI} -> {Starbucks, Audi} <=> Confidence: 100.0%
{Tissot, GUCCI} -> {Titan, Bugatti} <=> Confidence: 100.0%
{Tissot, GUCCI} -> {Starbucks, Bugatti} <=> Confidence: 100.0%
{Tissot, GUCCI} -> {Titan, Starbucks} <=> Confidence: 100.0%
{Tissot, GUCCI} -> {Titan, Audi, Bugatti} <=> Confidence: 100.0%
{Tissot, GUCCI} -> {Titan, Audi, Starbucks} <=> Confidence: 100.0%
{Tissot, GUCCI} -> {Titan, Bugatti, Starbucks} <=> Confidence: 100.0%
{Tissot, GUCCI} -> {Audi, Bugatti, Starbucks} <=> Confidence: 100.0%
{Tissot, GUCCI} -> {Titan, Audi, Bugatti, Starbucks} <=> Confidence: 100.0%
{Bugatti, GUCCI} -> {Tissot} <=> Confidence: 100.0%
{Bugatti, GUCCI} -> {Audi} <=> Confidence: 100.0%
{Bugatti, GUCCI} -> {Titan} <=> Confidence: 100.0%
{Bugatti, GUCCI} -> {Starbucks} <=> Confidence: 100.0%
{Bugatti, GUCCI} -> {Tissot, Audi} <=> Confidence: 100.0%
{Bugatti, GUCCI} -> {Titan, Tissot} <=> Confidence: 100.0%
{Bugatti, GUCCI} -> {Tissot, Starbucks} <=> Confidence: 100.0%
{Bugatti, GUCCI} -> {Titan, Audi} <=> Confidence: 100.0%
```

```
{Bugatti, GUCCI} -> {Starbucks, Audi} <=> Confidence: 100.0%
{Bugatti, GUCCI} -> {Titan, Starbucks} <=> Confidence: 100.0%
{Bugatti, GUCCI} -> {Titan, Audi, Tissot} <=> Confidence: 100.0%
{Bugatti, GUCCI} -> {Titan, Tissot, Starbucks} <=> Confidence: 100.0%
{Bugatti, GUCCI} -> {Titan, Audi, Starbucks} <=> Confidence: 100.0%
{Bugatti, GUCCI} -> {Audi, Tissot, Starbucks} <=> Confidence: 100.0%
{Bugatti, GUCCI} -> {Titan, Audi, Tissot, Starbucks} <=> Confidence: 100.0%
{Tissot, Starbucks} -> {Bugatti} <=> Confidence: 100.0%
{Tissot, Starbucks} -> {Titan} <=> Confidence: 100.0%
{Tissot, Starbucks} -> {GUCCI} <=> Confidence: 100.0%
{Tissot, Starbucks} -> {Titan, Audi} <=> Confidence: 100.0%
{Tissot, Starbucks} -> {Titan, Bugatti} <=> Confidence: 100.0%
{Tissot, Starbucks} -> {Bugatti, GUCCI} <=> Confidence: 100.0%
{Tissot, Starbucks} -> {Titan, GUCCI} <=> Confidence: 100.0%
{Tissot, Starbucks} -> {Titan, Audi, Bugatti} <=> Confidence: 100.0%
{Tissot, Starbucks} -> {Titan, Audi, GUCCI} <=> Confidence: 100.0%
{Tissot, Starbucks} -> {Titan, Bugatti, GUCCI} <=> Confidence: 100.0%
{Tissot, Starbucks} -> {Audi, Bugatti, GUCCI} <=> Confidence: 100.0%
{Tissot, Starbucks} -> {Titan, Audi, Bugatti, GUCCI} <=> Confidence: 100.0%
{Starbucks, Bugatti} -> {Tissot} <=> Confidence: 100.0%
{Starbucks, Bugatti} -> {Audi} <=> Confidence: 100.0%
{Starbucks, Bugatti} -> {Titan} <=> Confidence: 100.0%
{Starbucks, Bugatti} -> {GUCCI} <=> Confidence: 100.0%
{Starbucks, Bugatti} -> {Tissot, Audi} <=> Confidence: 100.0%
{Starbucks, Bugatti} -> {Titan, Tissot} <=> Confidence: 100.0%
{Starbucks, Bugatti} -> {Tissot, GUCCI} <=> Confidence: 100.0%
{Starbucks, Bugatti} -> {Audi, GUCCI} <=> Confidence: 100.0%
{Starbucks, Bugatti} -> {Titan, GUCCI} <=> Confidence: 100.0%
{Tissot, Hermes} -> {Bugatti} <=> Confidence: 100.0%
{Tissot, Hermes} -> {Tesla} <=> Confidence: 100.0%
\{Tissot, Hermes\} \rightarrow \{H\&M\} \iff Confidence: 100.0\%
{Tissot, Hermes} -> {IHOP} <=> Confidence: 100.0%
{Tissot, Hermes} -> {Tesla, Bugatti} <=> Confidence: 100.0%
{Tissot, Hermes} -> {Bugatti, H&M} <=> Confidence: 100.0%
{Tissot, Hermes} -> {Bugatti, IHOP} <=> Confidence: 100.0%
{Tissot, Hermes} -> {Tesla, H&M} <=> Confidence: 100.0%
{Tissot, Hermes} -> {Tesla, IHOP} <=> Confidence: 100.0%
{Tissot, Hermes} -> {H&M, IHOP} <=> Confidence: 100.0%
{Hermes, Bugatti} -> {Tissot} <=> Confidence: 100.0%
{Hermes, Bugatti} -> {Tesla} <=> Confidence: 100.0%
{Hermes, Bugatti} -> {H&M} <=> Confidence: 100.0%
{Hermes, Bugatti} -> {IHOP} <=> Confidence: 100.0%
{Hermes, Bugatti} -> {Tesla, Tissot} <=> Confidence: 100.0%
{Hermes, Bugatti} -> {Tissot, H&M} <=> Confidence: 100.0%
{Hermes, Bugatti} -> {Tissot, IHOP} <=> Confidence: 100.0%
{Hermes, Bugatti} -> {Tesla, H&M} <=> Confidence: 100.0%
```

```
{Hermes, Bugatti} -> {Tesla, IHOP} <=> Confidence: 100.0%
{Hermes, Bugatti} -> {H&M, IHOP} <=> Confidence: 100.0%
{Hermes, Bugatti} -> {Tesla, Tissot, H&M} <=> Confidence: 100.0%
{Hermes, Bugatti} -> {IHOP, Tesla, Tissot} <=> Confidence: 100.0%
{Hermes, Bugatti} -> {IHOP, Tissot, H&M} <=> Confidence: 100.0%
{Hermes, Bugatti} -> {IHOP, Tesla, H&M} <=> Confidence: 100.0%
{Hermes, Bugatti} -> {IHOP, Tesla, Tissot, H&M} <=> Confidence: 100.0%
{Tesla, Tissot} -> {Bugatti} <=> Confidence: 100.0%
{Tesla, Tissot} -> {Hermes} <=> Confidence: 100.0%
{Tesla, Tissot} -> {H&M} <=> Confidence: 100.0%
{Tesla, Tissot} -> {IHOP} <=> Confidence: 100.0%
{Tesla, Tissot} -> {Hermes, Bugatti} <=> Confidence: 100.0%
{Tesla, Tissot} -> {Bugatti, H&M} <=> Confidence: 100.0%
{Tesla, Tissot} -> {Bugatti, IHOP} <=> Confidence: 100.0%
{Tesla, Tissot} -> {Hermes, H&M} <=> Confidence: 100.0%
{Tesla, Tissot} -> {Hermes, IHOP} <=> Confidence: 100.0%
{Tesla, Tissot} -> {IHOP, H&M} <=> Confidence: 100.0%
{Tesla, Tissot} -> {Hermes, Bugatti, H&M} <=> Confidence: 100.0%
{Tesla, Tissot} -> {Hermes, Bugatti, IHOP} <=> Confidence: 100.0%
{Tesla, Tissot} -> {Bugatti, IHOP, H&M} <=> Confidence: 100.0%
{Tesla, Tissot} -> {Hermes, IHOP, H&M} <=> Confidence: 100.0%
{Tesla, Tissot} -> {Hermes, Bugatti, IHOP, H&M} <=> Confidence: 100.0%
{Tesla, Bugatti} -> {Tissot} <=> Confidence: 50.0%
{Tesla, Bugatti} -> {Hermes} <=> Confidence: 50.0%
{Tesla, Bugatti} -> {H&M} <=> Confidence: 50.0%
{Tesla, Bugatti} -> {IHOP} <=> Confidence: 50.0%
{Tesla, Bugatti} -> {Swiss} <=> Confidence: 50.0%
{Tesla, Bugatti} -> {ZARA} <=> Confidence: 50.0%
{Tesla, Bugatti} -> {Samsung} <=> Confidence: 50.0%
{Tesla, Bugatti} -> {Dunkin} <=> Confidence: 50.0%
{Tesla, Bugatti} -> {Tissot, Hermes} <=> Confidence: 50.0%
{Tesla, Bugatti} -> {Tissot, H&M} <=> Confidence: 50.0%
{Tesla, Bugatti} -> {Tissot, IHOP} <=> Confidence: 50.0%
{Tesla, Bugatti} -> {Hermes, H&M} <=> Confidence: 50.0%
{Tesla, Bugatti} -> {Hermes, IHOP} <=> Confidence: 50.0%
{Tesla, Bugatti} -> {H&M, IHOP} <=> Confidence: 50.0%
{Tesla, Bugatti} -> {ZARA, Swiss} <=> Confidence: 50.0%
{Tesla, Bugatti} -> {Samsung, Swiss} <=> Confidence: 50.0%
{Tesla, Bugatti} -> {Dunkin, Swiss} <=> Confidence: 50.0%
{Tesla, Bugatti} -> {Samsung, ZARA} <=> Confidence: 50.0%
{Tesla, Bugatti} -> {Dunkin, ZARA} <=> Confidence: 50.0%
{Tesla, Bugatti} -> {Samsung, Dunkin} <=> Confidence: 50.0%
{Tissot, H&M} -> {Bugatti} <=> Confidence: 33.33%
{Tissot, H&M} -> {Hermes} <=> Confidence: 33.33%
{Tissot, H&M} -> {Tata} <=> Confidence: 33.33%
{Tissot, H&M} -> {Tesla} <=> Confidence: 33.33%
```

```
{Tissot, H&M} -> {IHOP} <=> Confidence: 33.33%
{Tissot, H&M} -> {BMW} <=> Confidence: 33.33%
{Tissot, H&M} -> {ROG} <=> Confidence: 66.67%
{Tissot, H&M} -> {Oppo} <=> Confidence: 33.33%
{Tissot, H&M} -> {Maserati} <=> Confidence: 33.33%
{Tissot, H&M} -> {Popeyes} <=> Confidence: 33.33%
{Tissot, H&M} -> {Hermes, Bugatti} <=> Confidence: 33.33%
{Tissot, H&M} -> {Tesla, Bugatti} <=> Confidence: 33.33%
{Tissot, H&M} -> {Bugatti, IHOP} <=> Confidence: 33.33%
{Tissot, H&M} -> {Tesla, Hermes} <=> Confidence: 33.33%
{Tissot, H&M} -> {Hermes, IHOP} <=> Confidence: 33.33%
{Tissot, H&M} -> {Tesla, IHOP} <=> Confidence: 33.33%
{Tissot, H&M} -> {Oppo, Tata} <=> Confidence: 33.33%
\{Tissot, H\&M\} \rightarrow \{Oppo, ROG\} \iff Confidence: 33.33\%
{Tissot, H&M} -> {Maserati, ROG} <=> Confidence: 33.33%
{Tissot, H&M} -> {Maserati, BMW} <=> Confidence: 33.33%
{Tissot, H&M} -> {Popeyes, Maserati} <=> Confidence: 33.33%
{Tissot, H&M} -> {ROG, Tata} <=> Confidence: 33.33%
{Tissot, H&M} -> {ROG, BMW} <=> Confidence: 33.33%
{Tissot, H\&M} -> {Popeyes, ROG} <=> Confidence: 33.33%
{Tissot, H&M} -> {Popeyes, BMW} <=> Confidence: 33.33%
{Tissot, H&M} -> {Hermes, Bugatti, Tesla} <=> Confidence: 33.33%
{Tissot, H&M} -> {Bugatti, IHOP, Tesla} <=> Confidence: 33.33%
{Tissot, H&M} -> {Hermes, Bugatti, IHOP} <=> Confidence: 33.33%
{Tissot, H&M} -> {Hermes, IHOP, Tesla} <=> Confidence: 33.33%
{Tissot, H&M} -> {Oppo, ROG, Tata} <=> Confidence: 33.33%
{Tissot, H&M} -> {BMW, ROG, Maserati} <=> Confidence: 33.33%
{Tissot, H&M} -> {Popeyes, ROG, Maserati} <=> Confidence: 33.33%
{Tissot, H&M} -> {BMW, Popeyes, Maserati} <=> Confidence: 33.33%
\{Tissot, H\&M\} \rightarrow \{BMW, Popeyes, ROG\} \iff Confidence: 33.33\%
{Tissot, H&M} -> {Hermes, Bugatti, IHOP, Tesla} <=> Confidence: 33.33%
{Tissot, H&M} -> {BMW, ROG, Popeyes, Maserati} <=> Confidence: 33.33%
{Bugatti, H\&M} -> {Tissot} <=> Confidence: 50.0%
{Bugatti, H\&M} -> {Hermes} <=> Confidence: 50.0%
{Bugatti, H&M} -> {Tesla} <=> Confidence: 50.0%
{Bugatti, H&M} -> {IHOP} <=> Confidence: 50.0%
{Bugatti, H&M} -> {Omega} <=> Confidence: 50.0%
{Bugatti, H&M} -> {Seiko} <=> Confidence: 50.0%
{Bugatti, H&M} -> {FILA} <=> Confidence: 50.0%
{Bugatti, H&M} -> {Wendys} <=> Confidence: 50.0%
{Bugatti, H&M} -> {Tissot, Hermes} <=> Confidence: 50.0%
{Bugatti, H&M} -> {Tesla, Tissot} <=> Confidence: 50.0%
{Bugatti, H&M} -> {Tissot, IHOP} <=> Confidence: 50.0%
{Bugatti, H&M} -> {Tesla, Hermes} <=> Confidence: 50.0%
{Bugatti, H&M} -> {Hermes, IHOP} <=> Confidence: 50.0%
{Bugatti, H&M} \rightarrow {Tesla, IHOP} \iff Confidence: 50.0%
```

```
{Bugatti, H&M} -> {Seiko, Omega} <=> Confidence: 50.0%
{Bugatti, H&M} -> {Omega, FILA} <=> Confidence: 50.0%
{Bugatti, H&M} -> {Omega, Wendys} <=> Confidence: 50.0%
{Bugatti, H&M} -> {Seiko, FILA} <=> Confidence: 50.0%
{Bugatti, H&M} -> {Seiko, Wendys} <=> Confidence: 50.0%
{Bugatti, H&M} -> {FILA, Wendys} <=> Confidence: 50.0%
{Bugatti, H&M} -> {Hermes, Tesla, Tissot} <=> Confidence: 50.0%
{Bugatti, H&M} -> {IHOP, Tesla, Tissot} <=> Confidence: 50.0%
{Bugatti, H&M} -> {Hermes, IHOP, Tissot} <=> Confidence: 50.0%
{Bugatti, H&M} -> {Hermes, IHOP, Tesla} <=> Confidence: 50.0%
{Bugatti, H&M} -> {Seiko, FILA, Omega} <=> Confidence: 50.0%
{Bugatti, H&M} -> {Wendys, Seiko, Omega} <=> Confidence: 50.0%
{Bugatti, H&M} -> {Wendys, Seiko, FILA} <=> Confidence: 50.0%
{Bugatti, H&M} -> {Wendys, FILA, Omega} <=> Confidence: 50.0%
{Bugatti, H&M} -> {Hermes, IHOP, Tesla, Tissot} <=> Confidence: 50.0%
{Bugatti, H&M} -> {Wendys, Seiko, FILA, Omega} <=> Confidence: 50.0%
{Tissot, IHOP} -> {Bugatti} <=> Confidence: 100.0%
{Tissot, IHOP} -> {Hermes} <=> Confidence: 100.0%
{Tissot, IHOP} -> {Tesla} <=> Confidence: 100.0%
{Tissot, IHOP} -> {H&M} <=> Confidence: 100.0%
{Tissot, IHOP} -> {Hermes, Bugatti} <=> Confidence: 100.0%
{Tissot, IHOP} -> {Tesla, Bugatti} <=> Confidence: 100.0%
{Tissot, IHOP} -> {Bugatti, H&M} <=> Confidence: 100.0%
{Tissot, IHOP} -> {Tesla, Hermes} <=> Confidence: 100.0%
{Tissot, IHOP} -> {Hermes, H\&M} <=> Confidence: 100.0%
{Tissot, IHOP} -> {Tesla, H&M} <=> Confidence: 100.0%
{Bugatti, IHOP} -> {Tissot} <=> Confidence: 100.0%
{Bugatti, IHOP} -> {Hermes} <=> Confidence: 100.0%
{Bugatti, IHOP} -> {Tesla} <=> Confidence: 100.0%
{Bugatti, IHOP} -> {H&M} <=> Confidence: 100.0%
{Bugatti, IHOP} -> {Tissot, Hermes} <=> Confidence: 100.0%
{Bugatti, IHOP} -> {Tesla, Tissot} <=> Confidence: 100.0%
{Bugatti, IHOP} -> {Tissot, H&M} <=> Confidence: 100.0%
{Bugatti, IHOP} -> {Tesla, Hermes} <=> Confidence: 100.0%
{Bugatti, IHOP} -> {Hermes, H&M} <=> Confidence: 100.0%
{Bugatti, IHOP} -> {Tesla, H&M} <=> Confidence: 100.0%
{Bugatti, IHOP} -> {Hermes, Tesla, Tissot} <=> Confidence: 100.0%
{Bugatti, IHOP} -> {Tesla, Tissot, H&M} <=> Confidence: 100.0%
{Bugatti, IHOP} -> {Hermes, Tissot, H&M} <=> Confidence: 100.0%
{Bugatti, IHOP} -> {Hermes, Tesla, H&M} <=> Confidence: 100.0%
{Bugatti, IHOP} -> {Hermes, Tesla, Tissot, H&M} <=> Confidence: 100.0%
{Tissot, Coach} -> {Bugatti} <=> Confidence: 100.0%
{Tissot, Coach} -> {Oppo} <=> Confidence: 100.0%
{Tissot, Coach} -> {Xiaomi} <=> Confidence: 100.0%
{Tissot, Coach} -> {Maserati} <=> Confidence: 100.0%
{Tissot, Coach} -> {Bugatti, Oppo} <=> Confidence: 100.0%
```

```
{Tissot, Coach} -> {Bugatti, Xiaomi} <=> Confidence: 100.0%
{Tissot, Coach} -> {Bugatti, Maserati} <=> Confidence: 100.0%
{Tissot, Coach} -> {Oppo, Xiaomi} <=> Confidence: 100.0%
{Tissot, Coach} -> {Oppo, Maserati} <=> Confidence: 100.0%
{Tissot, Coach} -> {Xiaomi, Maserati} <=> Confidence: 100.0%
{Tissot, Coach} -> {Bugatti, Oppo, Xiaomi} <=> Confidence: 100.0%
{Tissot, Coach} -> {Bugatti, Oppo, Maserati} <=> Confidence: 100.0%
{Tissot, Coach} -> {Bugatti, Maserati, Xiaomi} <=> Confidence: 100.0%
{Tissot, Coach} -> {Oppo, Maserati, Xiaomi} <=> Confidence: 100.0%
{Tissot, Coach} -> {Bugatti, Oppo, Maserati, Xiaomi} <=> Confidence: 100.0%
{Coach, Bugatti} -> {Tissot} <=> Confidence: 100.0%
{Coach, Bugatti} -> {Oppo} <=> Confidence: 100.0%
{Coach, Bugatti} -> {Xiaomi} <=> Confidence: 100.0%
{Coach, Bugatti} -> {Maserati} <=> Confidence: 100.0%
{Coach, Bugatti} -> {Tissot, Oppo} <=> Confidence: 100.0%
{Coach, Bugatti} -> {Tissot, Xiaomi} <=> Confidence: 100.0%
{Coach, Bugatti} -> {Tissot, Maserati} <=> Confidence: 100.0%
{Coach, Bugatti} -> {Oppo, Xiaomi} <=> Confidence: 100.0%
{Coach, Bugatti} -> {Oppo, Maserati} <=> Confidence: 100.0%
{Coach, Bugatti} -> {Xiaomi, Maserati} <=> Confidence: 100.0%
{Tissot, Oppo} -> {Bugatti} <=> Confidence: 50.0%
{Tissot, Oppo} -> {Tata} <=> Confidence: 50.0%
{Tissot, Oppo} -> {H&M} <=> Confidence: 50.0%
{Tissot, Oppo} -> {Coach} <=> Confidence: 50.0%
\{Tissot, Oppo\} \rightarrow \{ROG\} \iff Confidence: 50.0\%
{Tissot, Oppo} -> {Xiaomi} <=> Confidence: 50.0%
{Tissot, Oppo} -> {Maserati} <=> Confidence: 50.0%
{Tissot, Oppo} -> {Coach, Bugatti} <=> Confidence: 50.0%
{Tissot, Oppo} -> {Bugatti, Xiaomi} <=> Confidence: 50.0%
{Tissot, Oppo} -> {Bugatti, Maserati} <=> Confidence: 50.0%
{Tissot, Oppo} -> {H&M, Tata} <=> Confidence: 50.0%
{Tissot, Oppo} -> {H&M, ROG} <=> Confidence: 50.0%
{Tissot, Oppo} -> {Coach, Xiaomi} <=> Confidence: 50.0%
{Tissot, Oppo} -> {Coach, Maserati} <=> Confidence: 50.0%
{Tissot, Oppo} -> {Xiaomi, Maserati} <=> Confidence: 50.0%
{Tissot, Oppo} -> {ROG, Tata} <=> Confidence: 50.0%
{Bugatti, Oppo} -> {Tissot} <=> Confidence: 100.0%
{Bugatti, Oppo} -> {Coach} <=> Confidence: 100.0%
{Bugatti, Oppo} -> {Xiaomi} <=> Confidence: 100.0%
{Bugatti, Oppo} -> {Maserati} <=> Confidence: 100.0%
{Bugatti, Oppo} -> {Tissot, Coach} <=> Confidence: 100.0%
{Bugatti, Oppo} -> {Tissot, Xiaomi} <=> Confidence: 100.0%
{Bugatti, Oppo} -> {Tissot, Maserati} <=> Confidence: 100.0%
{Bugatti, Oppo} -> {Coach, Xiaomi} <=> Confidence: 100.0%
{Bugatti, Oppo} -> {Coach, Maserati} <=> Confidence: 100.0%
{Bugatti, Oppo} -> {Xiaomi, Maserati} <=> Confidence: 100.0%
```

```
{Bugatti, Oppo} -> {Tissot, Coach, Xiaomi} <=> Confidence: 100.0%
{Bugatti, Oppo} -> {Tissot, Coach, Maserati} <=> Confidence: 100.0%
{Bugatti, Oppo} -> {Tissot, Maserati, Xiaomi} <=> Confidence: 100.0%
{Bugatti, Oppo} -> {Coach, Maserati, Xiaomi} <=> Confidence: 100.0%
{Bugatti, Oppo} -> {Tissot, Coach, Maserati, Xiaomi} <=> Confidence: 100.0%
{Tissot, Xiaomi} -> {Bugatti} <=> Confidence: 100.0%
{Tissot, Xiaomi} -> {Coach} <=> Confidence: 100.0%
{Tissot, Xiaomi} -> {Oppo} <=> Confidence: 100.0%
{Tissot, Xiaomi} -> {Maserati} <=> Confidence: 100.0%
{Tissot, Xiaomi} -> {Coach, Bugatti} <=> Confidence: 100.0%
{Tissot, Xiaomi} -> {Bugatti, Oppo} <=> Confidence: 100.0%
{Tissot, Xiaomi} -> {Bugatti, Maserati} <=> Confidence: 100.0%
{Tissot, Xiaomi} -> {Coach, Oppo} <=> Confidence: 100.0%
{Tissot, Xiaomi} -> {Coach, Maserati} <=> Confidence: 100.0%
{Tissot, Xiaomi} -> {Oppo, Maserati} <=> Confidence: 100.0%
{Tissot, Xiaomi} -> {Bugatti, Oppo, Coach} <=> Confidence: 100.0%
{Tissot, Xiaomi} -> {Bugatti, Coach, Maserati} <=> Confidence: 100.0%
{Tissot, Xiaomi} -> {Bugatti, Oppo, Maserati} <=> Confidence: 100.0%
{Tissot, Xiaomi} -> {Oppo, Coach, Maserati} <=> Confidence: 100.0%
{Tissot, Xiaomi} -> {Bugatti, Oppo, Coach, Maserati} <=> Confidence: 100.0%
{Bugatti, Xiaomi} -> {Tissot} <=> Confidence: 100.0%
{Bugatti, Xiaomi} -> {Coach} <=> Confidence: 100.0%
{Bugatti, Xiaomi} -> {Oppo} <=> Confidence: 100.0%
{Bugatti, Xiaomi} -> {Maserati} <=> Confidence: 100.0%
{Bugatti, Xiaomi} -> {Tissot, Coach} <=> Confidence: 100.0%
{Bugatti, Xiaomi} -> {Tissot, Oppo} <=> Confidence: 100.0%
{Bugatti, Xiaomi} -> {Tissot, Maserati} <=> Confidence: 100.0%
{Bugatti, Xiaomi} -> {Coach, Oppo} <=> Confidence: 100.0%
{Bugatti, Xiaomi} -> {Coach, Maserati} <=> Confidence: 100.0%
{Bugatti, Xiaomi} -> {Oppo, Maserati} <=> Confidence: 100.0%
{Bugatti, Xiaomi} -> {Oppo, Tissot, Coach} <=> Confidence: 100.0%
{Bugatti, Xiaomi} -> {Tissot, Coach, Maserati} <=> Confidence: 100.0%
{Bugatti, Xiaomi} -> {Oppo, Tissot, Maserati} <=> Confidence: 100.0%
{Bugatti, Xiaomi} -> {Oppo, Coach, Maserati} <=> Confidence: 100.0%
{Bugatti, Xiaomi} -> {Oppo, Tissot, Coach, Maserati} <=> Confidence: 100.0%
{Tissot, Maserati} -> {Bugatti} <=> Confidence: 50.0%
{Tissot, Maserati} -> {H&M} <=> Confidence: 50.0%
{Tissot, Maserati} -> {BMW} <=> Confidence: 50.0%
{Tissot, Maserati} -> {Coach} <=> Confidence: 50.0%
{Tissot, Maserati} -> {ROG} <=> Confidence: 50.0%
{Tissot, Maserati} -> {Oppo} <=> Confidence: 50.0%
{Tissot, Maserati} -> {Xiaomi} <=> Confidence: 50.0%
{Tissot, Maserati} -> {Popeyes} <=> Confidence: 50.0%
{Tissot, Maserati} -> {Coach, Bugatti} <=> Confidence: 50.0%
{Tissot, Maserati} -> {Bugatti, Oppo} <=> Confidence: 50.0%
{Tissot, Maserati} -> {Bugatti, Xiaomi} <=> Confidence: 50.0%
```

```
{Tissot, Maserati} -> {H&M, ROG} <=> Confidence: 50.0%
{Tissot, Maserati} -> {H&M, BMW} <=> Confidence: 50.0%
{Tissot, Maserati} -> {Popeves, H&M} <=> Confidence: 50.0%
{Tissot, Maserati} -> {Coach, Oppo} <=> Confidence: 50.0%
{Tissot, Maserati} -> {Coach, Xiaomi} <=> Confidence: 50.0%
{Tissot, Maserati} -> {Oppo, Xiaomi} <=> Confidence: 50.0%
{Tissot, Maserati} -> {ROG, BMW} <=> Confidence: 50.0%
{Tissot, Maserati} -> {Popeyes, ROG} <=> Confidence: 50.0%
{Tissot, Maserati} -> {Popeyes, BMW} <=> Confidence: 50.0%
{Tissot, Maserati} -> {Bugatti, Oppo, Coach} <=> Confidence: 50.0%
{Tissot, Maserati} -> {Bugatti, Coach, Xiaomi} <=> Confidence: 50.0%
{Tissot, Maserati} -> {Bugatti, Oppo, Xiaomi} <=> Confidence: 50.0%
{Tissot, Maserati} -> {BMW, ROG, H&M} <=> Confidence: 50.0%
{Tissot, Maserati} -> {Popeyes, ROG, H&M} <=> Confidence: 50.0%
{Tissot, Maserati} -> {BMW, Popeyes, H&M} <=> Confidence: 50.0%
{Tissot, Maserati} -> {Oppo, Coach, Xiaomi} <=> Confidence: 50.0%
{Tissot, Maserati} -> {BMW, Popeyes, ROG} <=> Confidence: 50.0%
{Tissot, Maserati} -> {Bugatti, Oppo, Coach, Xiaomi} <=> Confidence: 50.0%
{Tissot, Maserati} -> {BMW, ROG, Popeyes, H&M} <=> Confidence: 50.0%
{Bugatti, Maserati} -> {Tissot} <=> Confidence: 100.0%
{Bugatti, Maserati} -> {Coach} <=> Confidence: 100.0%
{Bugatti, Maserati} -> {Oppo} <=> Confidence: 100.0%
{Bugatti, Maserati} -> {Xiaomi} <=> Confidence: 100.0%
{Bugatti, Maserati} -> {Tissot, Coach} <=> Confidence: 100.0%
{Bugatti, Maserati} -> {Tissot, Oppo} <=> Confidence: 100.0%
{Bugatti, Maserati} -> {Tissot, Xiaomi} <=> Confidence: 100.0%
{Bugatti, Maserati} -> {Coach, Oppo} <=> Confidence: 100.0%
{Bugatti, Maserati} -> {Coach, Xiaomi} <=> Confidence: 100.0%
{Bugatti, Maserati} -> {Oppo, Xiaomi} <=> Confidence: 100.0%
{Bugatti, Maserati} -> {Oppo, Tissot, Coach} <=> Confidence: 100.0%
{Bugatti, Maserati} -> {Tissot, Coach, Xiaomi} <=> Confidence: 100.0%
{Bugatti, Maserati} -> {Oppo, Tissot, Xiaomi} <=> Confidence: 100.0%
{Bugatti, Maserati} -> {Oppo, Coach, Xiaomi} <=> Confidence: 100.0%
{Bugatti, Maserati} -> {Oppo, Tissot, Coach, Xiaomi} <=> Confidence: 100.0%
{Titan, Audi} -> {Tissot} <=> Confidence: 100.0%
{Titan, Audi} -> {Bugatti} <=> Confidence: 100.0%
{Titan, Audi} -> {GUCCI} <=> Confidence: 100.0%
{Titan, Audi} -> {Starbucks} <=> Confidence: 100.0%
{Titan, Audi} -> {Tissot, Bugatti} <=> Confidence: 100.0%
{Titan, Audi} -> {Tissot, GUCCI} <=> Confidence: 100.0%
{Titan, Audi} -> {Tissot, Starbucks} <=> Confidence: 100.0%
{Titan, Audi} -> {Bugatti, GUCCI} <=> Confidence: 100.0%
{Titan, Audi} -> {Bugatti, Starbucks} <=> Confidence: 100.0%
{Titan, Audi} -> {GUCCI, Starbucks} <=> Confidence: 100.0%
{Titan, Audi} -> {Bugatti, Tissot, GUCCI} <=> Confidence: 100.0%
{Titan, Audi} -> {Bugatti, Tissot, Starbucks} <=> Confidence: 100.0%
```

```
{Titan, Audi} -> {Tissot, Starbucks, GUCCI} <=> Confidence: 100.0%
{Titan, Audi} -> {Bugatti, Starbucks, GUCCI} <=> Confidence: 100.0%
{Titan, Audi} -> {Bugatti, Tissot, Starbucks, GUCCI} <=> Confidence: 100.0%
{Audi, GUCCI} -> {Tissot} <=> Confidence: 100.0%
{Audi, GUCCI} -> {Bugatti} <=> Confidence: 100.0%
{Audi, GUCCI} -> {Titan} <=> Confidence: 100.0%
{Audi, GUCCI} -> {Starbucks} <=> Confidence: 100.0%
{Audi, GUCCI} -> {Tissot, Bugatti} <=> Confidence: 100.0%
{Audi, GUCCI} -> {Titan, Tissot} <=> Confidence: 100.0%
{Audi, GUCCI} -> {Starbucks, Tissot} <=> Confidence: 100.0%
{Audi, GUCCI} -> {Titan, Bugatti} <=> Confidence: 100.0%
{Audi, GUCCI} -> {Starbucks, Bugatti} <=> Confidence: 100.0%
{Audi, GUCCI} -> {Titan, Starbucks} <=> Confidence: 100.0%
{Audi, GUCCI} -> {Titan, Bugatti, Tissot} <=> Confidence: 100.0%
{Audi, GUCCI} -> {Titan, Tissot, Starbucks} <=> Confidence: 100.0%
{Audi, GUCCI} -> {Titan, Bugatti, Starbucks} <=> Confidence: 100.0%
{Audi, GUCCI} -> {Bugatti, Tissot, Starbucks} <=> Confidence: 100.0%
{Audi, GUCCI} -> {Titan, Bugatti, Tissot, Starbucks} <=> Confidence: 100.0%
{Starbucks, Tissot} -> {Audi} <=> Confidence: 100.0%
{Starbucks, Tissot} -> {Audi, Bugatti} <=> Confidence: 100.0%
{Starbucks, Tissot} -> {Audi, GUCCI} <=> Confidence: 100.0%
{Starbucks, Audi} -> {Tissot} <=> Confidence: 100.0%
{Starbucks, Audi} -> {Bugatti} <=> Confidence: 100.0%
{Starbucks, Audi} -> {GUCCI} <=> Confidence: 100.0%
{Starbucks, Audi} -> {Tissot, Bugatti} <=> Confidence: 100.0%
{Starbucks, Audi} -> {Tissot, GUCCI} <=> Confidence: 100.0%
{Starbucks, Audi} -> {Bugatti, GUCCI} <=> Confidence: 100.0%
{Titan, GUCCI} -> {Tissot} <=> Confidence: 100.0%
{Titan, GUCCI} -> {Bugatti} <=> Confidence: 100.0%
{Titan, GUCCI} -> {Audi} <=> Confidence: 100.0%
{Titan, GUCCI} -> {Starbucks} <=> Confidence: 100.0%
{Titan, GUCCI} -> {Tissot, Audi} <=> Confidence: 100.0%
{Titan, GUCCI} -> {Tissot, Bugatti} <=> Confidence: 100.0%
{Titan, GUCCI} -> {Tissot, Starbucks} <=> Confidence: 100.0%
{Titan, GUCCI} -> {Audi, Bugatti} <=> Confidence: 100.0%
{Titan, GUCCI} -> {Audi, Starbucks} <=> Confidence: 100.0%
{Titan, GUCCI} -> {Starbucks, Bugatti} <=> Confidence: 100.0%
{Titan, GUCCI} -> {Audi, Bugatti, Tissot} <=> Confidence: 100.0%
{Titan, GUCCI} -> {Audi, Tissot, Starbucks} <=> Confidence: 100.0%
{Titan, GUCCI} -> {Bugatti, Tissot, Starbucks} <=> Confidence: 100.0%
{Titan, GUCCI} -> {Audi, Bugatti, Starbucks} <=> Confidence: 100.0%
{Titan, GUCCI} -> {Audi, Bugatti, Tissot, Starbucks} <=> Confidence: 100.0%
{Titan, Starbucks} -> {Tissot} <=> Confidence: 100.0%
{Titan, Starbucks} -> {Bugatti} <=> Confidence: 100.0%
{Titan, Starbucks} -> {Audi} <=> Confidence: 100.0%
{Titan, Starbucks} -> {GUCCI} <=> Confidence: 100.0%
```

```
{Titan, Starbucks} -> {Tissot, Audi} <=> Confidence: 100.0%
{Titan, Starbucks} -> {Tissot, Bugatti} <=> Confidence: 100.0%
{Titan, Starbucks} -> {Tissot, GUCCI} <=> Confidence: 100.0%
{Titan, Starbucks} -> {Audi, Bugatti} <=> Confidence: 100.0%
{Titan, Starbucks} -> {Audi, GUCCI} <=> Confidence: 100.0%
{Titan, Starbucks} -> {Bugatti, GUCCI} <=> Confidence: 100.0%
{Titan, Starbucks} -> {Audi, Bugatti, Tissot} <=> Confidence: 100.0%
{Titan, Starbucks} -> {Audi, Tissot, GUCCI} <=> Confidence: 100.0%
{Titan, Starbucks} -> {Bugatti, Tissot, GUCCI} <=> Confidence: 100.0%
{Titan, Starbucks} -> {Audi, Bugatti, GUCCI} <=> Confidence: 100.0%
{Titan, Starbucks} -> {Audi, Bugatti, Tissot, GUCCI} <=> Confidence: 100.0%
{Starbucks, GUCCI} -> {Tissot} <=> Confidence: 100.0%
{Starbucks, GUCCI} -> {Bugatti} <=> Confidence: 100.0%
{Starbucks, GUCCI} -> {Audi} <=> Confidence: 100.0%
{Starbucks, GUCCI} -> {Titan} <=> Confidence: 100.0%
{Starbucks, GUCCI} -> {Tissot, Audi} <=> Confidence: 100.0%
{Starbucks, GUCCI} -> {Tissot, Bugatti} <=> Confidence: 100.0%
{Starbucks, GUCCI} -> {Titan, Tissot} <=> Confidence: 100.0%
{Starbucks, GUCCI} -> {Audi, Bugatti} <=> Confidence: 100.0%
{Starbucks, GUCCI} -> {Titan, Bugatti} <=> Confidence: 100.0%
{Starbucks, GUCCI} -> {Titan, Audi, Tissot} <=> Confidence: 100.0%
{Starbucks, GUCCI} -> {Titan, Bugatti, Tissot} <=> Confidence: 100.0%
{Starbucks, GUCCI} -> {Titan, Audi, Bugatti} <=> Confidence: 100.0%
{Starbucks, GUCCI} -> {Audi, Bugatti, Tissot} <=> Confidence: 100.0%
{Starbucks, GUCCI} -> {Titan, Audi, Bugatti, Tissot} <=> Confidence: 100.0%
{Tesla, Hermes} -> {Tissot} <=> Confidence: 100.0%
{Tesla, Hermes} -> {Bugatti} <=> Confidence: 100.0%
\{\text{Tesla, Hermes}\} \rightarrow \{\text{H\&M}\} \iff \text{Confidence: } 100.0\%
{Tesla, Hermes} -> {IHOP} <=> Confidence: 100.0%
{Tesla, Hermes} -> {Tissot, Bugatti} <=> Confidence: 100.0%
{Tesla, Hermes} -> {Tissot, H&M} <=> Confidence: 100.0%
{Tesla, Hermes} -> {Tissot, IHOP} <=> Confidence: 100.0%
{Tesla, Hermes} -> {Bugatti, H&M} <=> Confidence: 100.0%
{Tesla, Hermes} -> {Bugatti, IHOP} <=> Confidence: 100.0%
\{Tesla, Hermes\} \rightarrow \{H\&M, IHOP\} \iff Confidence: 100.0\%
\{Hermes, H\&M\} \rightarrow \{Tissot\} \iff Confidence: 100.0\%
\{Hermes, H\&M\} \rightarrow \{Bugatti\} \iff Confidence: 100.0\%
{Hermes, H&M} -> {Tesla} <=> Confidence: 100.0%
{Hermes, H&M} -> {IHOP} <=> Confidence: 100.0%
{Hermes, H&M} -> {Tissot, Bugatti} <=> Confidence: 100.0%
\{\text{Hermes}, \text{H\&M}\} \rightarrow \{\text{Tesla}, \text{Tissot}\} \iff \text{Confidence: } 100.0\%
\{Hermes, H\&M\} \rightarrow \{Tissot, IHOP\} \iff Confidence: 100.0\%
{Hermes, H&M} -> {Tesla, Bugatti} <=> Confidence: 100.0%
{Hermes, H&M} -> {Bugatti, IHOP} <=> Confidence: 100.0%
\{Hermes, H\&M\} \rightarrow \{Tesla, IHOP\} \iff Confidence: 100.0\%
{Hermes, H&M} -> {Bugatti, Tesla, Tissot} <=> Confidence: 100.0%
```

```
{Hermes, H&M} -> {Bugatti, IHOP, Tissot} <=> Confidence: 100.0%
{Hermes, H&M} -> {IHOP, Tesla, Tissot} <=> Confidence: 100.0%
{Hermes, H&M} -> {Bugatti, IHOP, Tesla} <=> Confidence: 100.0%
{Hermes, H&M} -> {Bugatti, IHOP, Tesla, Tissot} <=> Confidence: 100.0%
{Hermes, IHOP} -> {Tissot} <=> Confidence: 100.0%
{Hermes, IHOP} -> {Bugatti} <=> Confidence: 100.0%
{Hermes, IHOP} -> {Tesla} <=> Confidence: 100.0%
{Hermes, IHOP} \rightarrow {H&M} \ll Confidence: 100.0%
{Hermes, IHOP} -> {Tissot, Bugatti} <=> Confidence: 100.0%
{Hermes, IHOP} -> {Tesla, Tissot} <=> Confidence: 100.0%
{Hermes, IHOP} -> {Tissot, H&M} <=> Confidence: 100.0%
{Hermes, IHOP} -> {Tesla, Bugatti} <=> Confidence: 100.0%
{Hermes, IHOP} -> {Bugatti, H&M} <=> Confidence: 100.0%
{Hermes, IHOP} -> {Tesla, H&M} <=> Confidence: 100.0%
{Hermes, IHOP} -> {Bugatti, Tesla, Tissot} <=> Confidence: 100.0%
{Hermes, IHOP} -> {Bugatti, Tissot, H&M} <=> Confidence: 100.0%
{Hermes, IHOP} -> {Tesla, Tissot, H&M} <=> Confidence: 100.0%
{Hermes, IHOP} -> {Bugatti, Tesla, H&M} <=> Confidence: 100.0%
{Hermes, IHOP} -> {Bugatti, Tesla, Tissot, H&M} <=> Confidence: 100.0%
{Tissot, Tata} -> {H&M} <=> Confidence: 100.0%
{Tissot, Tata} -> {ROG} <=> Confidence: 100.0%
{Tissot, Tata} -> {Oppo} <=> Confidence: 100.0%
{Tissot, Tata} -> {H&M, Oppo} <=> Confidence: 100.0%
{Tissot, Tata} -> {H&M, ROG} <=> Confidence: 100.0%
{Tissot, Tata} -> {Oppo, ROG} <=> Confidence: 100.0%
{Tissot, Tata} -> {Oppo, ROG, H&M} <=> Confidence: 100.0%
{H&M, Tata} -> {Tissot} <=> Confidence: 100.0%
{H&M, Tata} -> {ROG} <=> Confidence: 100.0%
{H&M, Tata} -> {Oppo} <=> Confidence: 100.0%
{H&M, Tata} -> {Tissot, Oppo} <=> Confidence: 100.0%
{H&M, Tata} -> {Tissot, ROG} <=> Confidence: 100.0%
{H&M, Tata} -> {ROG, Oppo} <=> Confidence: 100.0%
{Tissot, ROG} -> {Tata} <=> Confidence: 50.0%
{Tissot, ROG} -> {H&M} <=> Confidence: 100.0%
{Tissot, ROG} -> {BMW} <=> Confidence: 50.0%
\{Tissot, ROG\} \rightarrow \{Oppo\} \iff Confidence: 50.0\%
{Tissot, ROG} -> {Maserati} <=> Confidence: 50.0%
{Tissot, ROG} -> {Popeyes} <=> Confidence: 50.0%
{Tissot, ROG} -> {H&M, Oppo} <=> Confidence: 50.0%
{Tissot, ROG} -> {H&M, Maserati} <=> Confidence: 50.0%
{Tissot, ROG} -> {H&M, Tata} <=> Confidence: 50.0%
{Tissot, ROG} -> {H&M, BMW} <=> Confidence: 50.0%
\{Tissot, ROG\} \rightarrow \{Popeyes, H\&M\} \iff Confidence: 50.0\%
{Tissot, ROG} -> {Oppo, Tata} <=> Confidence: 50.0%
{Tissot, ROG} -> {Maserati, BMW} <=> Confidence: 50.0%
{Tissot, ROG} -> {Popeyes, Maserati} <=> Confidence: 50.0%
```

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{Tissot, ROG} -> {Popeyes, BMW} <=> Confidence: 50.0%
{Tissot, ROG} -> {Oppo, Tata, H&M} <=> Confidence: 50.0%
{Tissot, ROG} -> {BMW, H&M, Maserati} <=> Confidence: 50.0%
{Tissot, ROG} -> {Popeyes, H&M, Maserati} <=> Confidence: 50.0%
{Tissot, ROG} -> {BMW, Popeyes, H\&M} <=> Confidence: 50.0%
{Tissot, ROG} -> {BMW, Popeyes, Maserati} <=> Confidence: 50.0%
{Tissot, ROG} -> {BMW, Popeyes, H&M, Maserati} <=> Confidence: 50.0%
{ROG, Tata} -> {Tissot} <=> Confidence: 100.0%
{ROG, Tata} -> {H&M} <=> Confidence: 100.0%
{ROG, Tata} -> {Oppo} <=> Confidence: 100.0%
{ROG, Tata} -> {Tissot, H&M} <=> Confidence: 100.0%
{ROG, Tata} -> {Tissot, Oppo} <=> Confidence: 100.0%
{ROG, Tata} -> {H&M, Oppo} <=> Confidence: 100.0%
{ROG, Tata} -> {Oppo, Tissot, H&M} <=> Confidence: 100.0%
{Oppo, Tata} -> {Tissot} <=> Confidence: 50.0%
{Oppo, Tata} -> {H&M} <=> Confidence: 50.0%
{Oppo, Tata} -> {ROG} <=> Confidence: 50.0%
{Oppo, Tata} -> {Omega} <=> Confidence: 50.0%
{Oppo, Tata} -> {Pagani} <=> Confidence: 50.0%
{Oppo, Tata} -> {Puma} <=> Confidence: 50.0%
{Oppo, Tata} -> {Chipotle} <=> Confidence: 50.0%
{Oppo, Tata} -> {Tissot, H&M} <=> Confidence: 50.0%
{Oppo, Tata} -> {Tissot, ROG} <=> Confidence: 50.0%
{Oppo, Tata} -> {ROG, H&M} <=> Confidence: 50.0%
{Oppo, Tata} -> {Omega, Pagani} <=> Confidence: 50.0%
{Oppo, Tata} -> {Puma, Omega} <=> Confidence: 50.0%
{Oppo, Tata} -> {Omega, Chipotle} <=> Confidence: 50.0%
{Oppo, Tata} -> {Puma, Pagani} <=> Confidence: 50.0%
{Oppo, Tata} -> {Pagani, Chipotle} <=> Confidence: 50.0%
{Oppo, Tata} -> {Puma, Chipotle} <=> Confidence: 50.0%
{Oppo, Tata} -> {Tissot, ROG, H&M} <=> Confidence: 50.0%
{Oppo, Tata} -> {Pagani, Puma, Omega} <=> Confidence: 50.0%
{Oppo, Tata} -> {Pagani, Chipotle, Omega} <=> Confidence: 50.0%
{Oppo, Tata} -> {Chipotle, Puma, Omega} <=> Confidence: 50.0%
{Oppo, Tata} -> {Pagani, Chipotle, Puma} <=> Confidence: 50.0%
{Oppo, Tata} -> {Pagani, Chipotle, Puma, Omega} <=> Confidence: 50.0%
{Tesla, H&M} -> {Tissot} <=> Confidence: 100.0%
{Tesla, H&M} -> {Bugatti} <=> Confidence: 100.0%
{Tesla, H&M} -> {Hermes} <=> Confidence: 100.0%
{Tesla, H&M} -> {IHOP} <=> Confidence: 100.0%
{Tesla, H&M} -> {Tissot, Bugatti} <=> Confidence: 100.0%
\{Tesla, H\&M\} \rightarrow \{Tissot, Hermes\} \iff Confidence: 100.0\%
{Tesla, H&M} -> {Tissot, IHOP} <=> Confidence: 100.0%
{Tesla, H&M} -> {Hermes, Bugatti} <=> Confidence: 100.0%
{Tesla, H&M} -> {Bugatti, IHOP} <=> Confidence: 100.0%
{Tesla, H&M} -> {Hermes, IHOP} <=> Confidence: 100.0%
```

```
{Tesla, H&M} -> {Hermes, Bugatti, Tissot} <=> Confidence: 100.0%
{Tesla, H&M} -> {Bugatti, IHOP, Tissot} <=> Confidence: 100.0%
{Tesla, H&M} -> {Hermes, IHOP, Tissot} <=> Confidence: 100.0%
{Tesla, H&M} -> {Hermes, Bugatti, IHOP} <=> Confidence: 100.0%
{Tesla, H&M} -> {Hermes, Bugatti, IHOP, Tissot} <=> Confidence: 100.0%
{Tesla, IHOP} -> {Tissot} <=> Confidence: 100.0%
{Tesla, IHOP} -> {Bugatti} <=> Confidence: 100.0%
{Tesla, IHOP} -> {Hermes} <=> Confidence: 100.0%
{Tesla, IHOP} -> {H&M} <=> Confidence: 100.0%
{Tesla, IHOP} -> {Tissot, Bugatti} <=> Confidence: 100.0%
{Tesla, IHOP} -> {Tissot, Hermes} <=> Confidence: 100.0%
\{Tesla, IHOP\} \rightarrow \{Tissot, H\&M\} \iff Confidence: 100.0\%
{Tesla, IHOP} -> {Hermes, Bugatti} <=> Confidence: 100.0%
{Tesla, IHOP} -> {Bugatti, H&M} <=> Confidence: 100.0%
\{\text{Tesla, IHOP}\} \rightarrow \{\text{Hermes, H&M}\} \iff \text{Confidence: } 100.0\%
{IHOP, H&M} -> {Tissot} <=> Confidence: 100.0%
{IHOP, H&M} -> {Tesla} <=> Confidence: 100.0%
{IHOP, H&M} -> {Tesla, Tissot} <=> Confidence: 100.0%
{IHOP, H&M} -> {Bugatti, Tesla, Tissot} <=> Confidence: 100.0%
{IHOP, H&M} -> {Hermes, Bugatti, Tissot} <=> Confidence: 100.0%
{IHOP, H&M} -> {Hermes, Tesla, Tissot} <=> Confidence: 100.0%
{IHOP, H&M} -> {Hermes, Bugatti, Tesla} <=> Confidence: 100.0%
{IHOP, H&M} -> {Hermes, Bugatti, Tesla, Tissot} <=> Confidence: 100.0%
{Tissot, BMW} -> {H&M} <=> Confidence: 100.0%
{Tissot, BMW} -> {ROG} <=> Confidence: 100.0%
{Tissot, BMW} -> {Maserati} <=> Confidence: 100.0%
{Tissot, BMW} -> {Popeyes} <=> Confidence: 100.0%
{Tissot, BMW} -> {H&M, Maserati} <=> Confidence: 100.0%
{Tissot, BMW} -> {H&M, ROG} <=> Confidence: 100.0%
{Tissot, BMW} -> {H&M, Popeyes} <=> Confidence: 100.0%
{Tissot, BMW} -> {Maserati, ROG} <=> Confidence: 100.0%
{Tissot, BMW} -> {Popeyes, Maserati} <=> Confidence: 100.0%
{Tissot, BMW} -> {Popeyes, ROG} <=> Confidence: 100.0%
{Tissot, BMW} -> {ROG, H&M, Maserati} <=> Confidence: 100.0%
{Tissot, BMW} -> {Popeyes, H&M, Maserati} <=> Confidence: 100.0%
{Tissot, BMW} -> {Popeyes, ROG, H&M} <=> Confidence: 100.0%
{Tissot, BMW} -> {Popeyes, ROG, Maserati} <=> Confidence: 100.0%
{Tissot, BMW} -> {ROG, Popeyes, H&M, Maserati} <=> Confidence: 100.0%
{H&M, BMW} -> {Tissot} <=> Confidence: 100.0%
{H&M, BMW} -> {Tissot, Maserati} <=> Confidence: 100.0%
{H&M, BMW} -> {Tissot, ROG} <=> Confidence: 100.0%
{H&M, BMW} -> {Tissot, Popeyes} <=> Confidence: 100.0%
{H&M, ROG} -> {Tissot} <=> Confidence: 100.0%
{H&M, ROG} -> {Tata} <=> Confidence: 50.0%
{H&M, ROG} -> {BMW} <=> Confidence: 50.0%
{H&M, ROG} -> {Oppo} <=> Confidence: 50.0%
```

```
{H&M, ROG} -> {Maserati} <=> Confidence: 50.0%
{H&M, ROG} -> {Popeyes} <=> Confidence: 50.0%
{H&M, ROG} -> {Tissot, Oppo} <=> Confidence: 50.0%
{H&M, ROG} -> {Tissot, Maserati} <=> Confidence: 50.0%
{H&M, ROG} -> {Tissot, Tata} <=> Confidence: 50.0%
{H&M, ROG} -> {Tissot, BMW} <=> Confidence: 50.0%
{H&M, ROG} -> {Popeyes, Tissot} <=> Confidence: 50.0%
{H&M, ROG} -> {BMW, Maserati} <=> Confidence: 50.0%
{H&M, ROG} -> {Popeyes, Maserati} <=> Confidence: 50.0%
{H&M, ROG} -> {Popeyes, BMW} <=> Confidence: 50.0%
{H&M, Oppo} -> {Tissot} <=> Confidence: 100.0%
{H&M, Oppo} -> {Tata} <=> Confidence: 100.0%
{H&M, Oppo} -> {ROG} <=> Confidence: 100.0%
{H&M, Oppo} -> {Tissot, Tata} <=> Confidence: 100.0%
{H&M, Oppo} -> {Tissot, ROG} <=> Confidence: 100.0%
{H&M, Oppo} -> {ROG, Tata} <=> Confidence: 100.0%
{H&M, Maserati} -> {Tissot} <=> Confidence: 100.0%
{H&M, Maserati} -> {BMW} <=> Confidence: 100.0%
{H&M, Maserati} -> {ROG} <=> Confidence: 100.0%
{H&M, Maserati} -> {Popeyes} <=> Confidence: 100.0%
{H&M, Maserati} -> {Tissot, ROG} <=> Confidence: 100.0%
{H&M, Maserati} -> {Tissot, BMW} <=> Confidence: 100.0%
{H&M, Maserati} -> {Popeyes, Tissot} <=> Confidence: 100.0%
{H&M, Maserati} -> {BMW, ROG} <=> Confidence: 100.0%
{H&M, Maserati} -> {Popeyes, ROG} <=> Confidence: 100.0%
{H&M, Maserati} -> {Popeves, BMW} <=> Confidence: 100.0%
{H&M, Maserati} -> {Tissot, BMW, ROG} <=> Confidence: 100.0%
{H&M, Maserati} -> {Tissot, Popeyes, ROG} <=> Confidence: 100.0%
{H&M, Maserati} -> {Tissot, BMW, Popeyes} <=> Confidence: 100.0%
{H&M, Maserati} -> {BMW, Popeyes, ROG} <=> Confidence: 100.0%
{H&M, Maserati} -> {Tissot, BMW, ROG, Popeyes} <=> Confidence: 100.0%
\{Tissot, Popeyes\} \rightarrow \{H\&M\} \iff Confidence: 100.0\%
{Tissot, Popeyes} -> {BMW} <=> Confidence: 100.0%
{Tissot, Popeyes} -> {H&M, BMW} <=> Confidence: 100.0%
{Tissot, Popeyes} -> {ROG, H&M, Maserati} <=> Confidence: 100.0%
{Tissot, Popeyes} -> {BMW, H&M, Maserati} <=> Confidence: 100.0%
{Tissot, Popeyes} -> {BMW, ROG, H&M} <=> Confidence: 100.0%
{Tissot, Popeyes} -> {BMW, ROG, Maserati} <=> Confidence: 100.0%
{Tissot, Popeyes} -> {BMW, ROG, H&M, Maserati} <=> Confidence: 100.0%
{H&M, Popeyes} -> {Tissot} <=> Confidence: 100.0%
{H&M, Popeyes} -> {BMW} <=> Confidence: 100.0%
{H&M, Popeyes} -> {Tissot, BMW} <=> Confidence: 100.0%
{ROG, BMW} -> {Tissot} <=> Confidence: 50.0%
{ROG, BMW} -> {Tissot, H&M} <=> Confidence: 50.0%
{ROG, BMW} -> {Tissot, Maserati} <=> Confidence: 50.0%
{ROG, BMW} -> {Popeyes, Tissot} <=> Confidence: 50.0%
```

```
{Maserati, BMW} -> {Tissot} <=> Confidence: 100.0%
{Maserati, BMW} -> {Tissot, H&M} <=> Confidence: 100.0%
{Maserati, BMW} -> {Tissot, ROG} <=> Confidence: 100.0%
{Maserati, BMW} -> {Popeyes, Tissot} <=> Confidence: 100.0%
{Popeyes, BMW} -> {Tissot} <=> Confidence: 100.0%
{Popeyes, BMW} -> {ROG} <=> Confidence: 100.0%
{Popeyes, BMW} -> {Maserati} <=> Confidence: 100.0%
{Popeyes, BMW} -> {Tissot, H&M} <=> Confidence: 100.0%
{Popeyes, BMW} -> {Tissot, Maserati} <=> Confidence: 100.0%
{Popeyes, BMW} -> {Tissot, ROG} <=> Confidence: 100.0%
{Popeyes, BMW} -> {H&M, Maserati} <=> Confidence: 100.0%
{Popeyes, BMW} -> {H&M, ROG} <=> Confidence: 100.0%
{Popeyes, BMW} -> {Maserati, ROG} <=> Confidence: 100.0%
{Coach, Oppo} -> {Tissot} <=> Confidence: 100.0%
{Coach, Oppo} -> {Bugatti} <=> Confidence: 100.0%
{Coach, Oppo} -> {Xiaomi} <=> Confidence: 100.0%
{Coach, Oppo} -> {Maserati} <=> Confidence: 100.0%
{Coach, Oppo} -> {Tissot, Bugatti} <=> Confidence: 100.0%
{Coach, Oppo} -> {Tissot, Xiaomi} <=> Confidence: 100.0%
{Coach, Oppo} -> {Tissot, Maserati} <=> Confidence: 100.0%
{Coach, Oppo} -> {Bugatti, Xiaomi} <=> Confidence: 100.0%
{Coach, Oppo} -> {Bugatti, Maserati} <=> Confidence: 100.0%
{Coach, Oppo} -> {Xiaomi, Maserati} <=> Confidence: 100.0%
{Coach, Xiaomi} -> {Tissot} <=> Confidence: 100.0%
{Coach, Xiaomi} -> {Bugatti} <=> Confidence: 100.0%
{Coach, Xiaomi} -> {Oppo} <=> Confidence: 100.0%
{Coach, Xiaomi} -> {Maserati} <=> Confidence: 100.0%
{Coach, Xiaomi} -> {Tissot, Bugatti} <=> Confidence: 100.0%
{Coach, Xiaomi} -> {Tissot, Oppo} <=> Confidence: 100.0%
{Coach, Xiaomi} -> {Tissot, Maserati} <=> Confidence: 100.0%
{Coach, Xiaomi} -> {Bugatti, Oppo} <=> Confidence: 100.0%
{Coach, Xiaomi} -> {Bugatti, Maserati} <=> Confidence: 100.0%
{Coach, Xiaomi} -> {Oppo, Maserati} <=> Confidence: 100.0%
{Coach, Xiaomi} -> {Bugatti, Oppo, Tissot} <=> Confidence: 100.0%
{Coach, Xiaomi} -> {Bugatti, Tissot, Maserati} <=> Confidence: 100.0%
{Coach, Xiaomi} -> {Oppo, Tissot, Maserati} <=> Confidence: 100.0%
{Coach, Xiaomi} -> {Bugatti, Oppo, Maserati} <=> Confidence: 100.0%
{Coach, Xiaomi} -> {Bugatti, Oppo, Tissot, Maserati} <=> Confidence: 100.0%
{Coach, Maserati} -> {Tissot} <=> Confidence: 100.0%
{Coach, Maserati} -> {Bugatti} <=> Confidence: 100.0%
{Coach, Maserati} -> {Oppo} <=> Confidence: 100.0%
{Coach, Maserati} -> {Xiaomi} <=> Confidence: 100.0%
{Coach, Maserati} -> {Tissot, Bugatti} <=> Confidence: 100.0%
{Coach, Maserati} -> {Tissot, Oppo} <=> Confidence: 100.0%
{Coach, Maserati} -> {Tissot, Xiaomi} <=> Confidence: 100.0%
{Coach, Maserati} -> {Bugatti, Oppo} <=> Confidence: 100.0%
```

```
{Coach, Maserati} -> {Bugatti, Xiaomi} <=> Confidence: 100.0%
{Coach, Maserati} -> {Oppo, Xiaomi} <=> Confidence: 100.0%
{Coach, Maserati} -> {Bugatti, Oppo, Tissot} <=> Confidence: 100.0%
{Coach, Maserati} -> {Bugatti, Tissot, Xiaomi} <=> Confidence: 100.0%
{Coach, Maserati} -> {Oppo, Tissot, Xiaomi} <=> Confidence: 100.0%
{Coach, Maserati} -> {Bugatti, Oppo, Xiaomi} <=> Confidence: 100.0%
{Coach, Maserati} -> {Bugatti, Oppo, Tissot, Xiaomi} <=> Confidence: 100.0%
{Oppo, ROG} -> {Tissot} <=> Confidence: 100.0%
{Oppo, ROG} -> {Tata} <=> Confidence: 100.0%
{Oppo, ROG} -> {Tissot, H&M} <=> Confidence: 100.0%
{Oppo, ROG} -> {Tissot, Tata} <=> Confidence: 100.0%
{Oppo, ROG} -> {Tissot, Tata, H&M} <=> Confidence: 100.0%
{ROG, Maserati} -> {Tissot} <=> Confidence: 100.0%
{ROG, Maserati} -> {H&M} <=> Confidence: 100.0%
{ROG, Maserati} -> {BMW} <=> Confidence: 100.0%
{ROG, Maserati} -> {Popeves} <=> Confidence: 100.0%
{ROG, Maserati} -> {Tissot, BMW, H&M} <=> Confidence: 100.0%
{ROG, Maserati} -> {Tissot, Popeves, H&M} <=> Confidence: 100.0%
{ROG, Maserati} -> {Tissot, BMW, Popeyes} <=> Confidence: 100.0%
{ROG, Maserati} -> {BMW, Popeyes, H&M} <=> Confidence: 100.0%
{ROG, Maserati} -> {Tissot, BMW, Popeyes, H&M} <=> Confidence: 100.0%
{Popeyes, Tissot} -> {ROG} <=> Confidence: 100.0%
{Popeyes, Tissot} -> {Maserati} <=> Confidence: 100.0%
{Popeyes, Tissot} -> {H&M, Maserati} <=> Confidence: 100.0%
{Popeyes, Tissot} -> {H&M, ROG} <=> Confidence: 100.0%
{Popeves, Tissot} -> {Maserati, ROG} <=> Confidence: 100.0%
{Popeyes, Tissot} -> {Maserati, BMW} <=> Confidence: 100.0%
{Popeves, Tissot} -> {ROG, BMW} <=> Confidence: 100.0%
{Popeyes, ROG} -> {Tissot} <=> Confidence: 100.0%
\{Popeyes, ROG\} -> \{H\&M\} <=> Confidence: 100.0\%
{Popeyes, ROG} -> {BMW} <=> Confidence: 100.0%
{Popeyes, ROG} -> {Maserati} <=> Confidence: 100.0%
{Popeyes, ROG} -> {Tissot, H&M} <=> Confidence: 100.0%
{Popeyes, ROG} -> {Tissot, Maserati} <=> Confidence: 100.0%
{Popeyes, ROG} -> {Tissot, BMW} <=> Confidence: 100.0%
{Popeyes, ROG} -> {H&M, Maserati} <=> Confidence: 100.0%
{Popeyes, ROG} -> {BMW, H&M} <=> Confidence: 100.0%
{Popeyes, ROG} -> {BMW, Maserati} <=> Confidence: 100.0%
{Popeyes, ROG} -> {Tissot, H&M, Maserati} <=> Confidence: 100.0%
{Popeyes, ROG} -> {Tissot, BMW, H&M} <=> Confidence: 100.0%
{Popeyes, ROG} -> {Tissot, BMW, Maserati} <=> Confidence: 100.0%
{Popeyes, ROG} -> {BMW, H&M, Maserati} <=> Confidence: 100.0%
{Oppo, Xiaomi} -> {Tissot} <=> Confidence: 100.0%
{Oppo, Xiaomi} -> {Bugatti} <=> Confidence: 100.0%
{Oppo, Xiaomi} -> {Coach} <=> Confidence: 100.0%
{Oppo, Xiaomi} -> {Maserati} <=> Confidence: 100.0%
```

```
{Oppo, Xiaomi} -> {Tissot, Bugatti} <=> Confidence: 100.0%
{Oppo, Xiaomi} -> {Tissot, Coach} <=> Confidence: 100.0%
{Oppo, Xiaomi} -> {Tissot, Maserati} <=> Confidence: 100.0%
{Oppo, Xiaomi} -> {Coach, Bugatti} <=> Confidence: 100.0%
{Oppo, Xiaomi} -> {Bugatti, Maserati} <=> Confidence: 100.0%
{Oppo, Xiaomi} -> {Coach, Maserati} <=> Confidence: 100.0%
{Oppo, Xiaomi} -> {Bugatti, Tissot, Coach} <=> Confidence: 100.0%
{Oppo, Xiaomi} -> {Bugatti, Tissot, Maserati} <=> Confidence: 100.0%
{Oppo, Xiaomi} -> {Tissot, Coach, Maserati} <=> Confidence: 100.0%
{Oppo, Xiaomi} -> {Bugatti, Coach, Maserati} <=> Confidence: 100.0%
{Oppo, Xiaomi} -> {Bugatti, Tissot, Coach, Maserati} <=> Confidence: 100.0%
{Oppo, Maserati} -> {Tissot} <=> Confidence: 100.0%
{Oppo, Maserati} -> {Bugatti} <=> Confidence: 100.0%
{Oppo, Maserati} -> {Coach} <=> Confidence: 100.0%
{Oppo, Maserati} -> {Xiaomi} <=> Confidence: 100.0%
{Oppo, Maserati} -> {Tissot, Bugatti} <=> Confidence: 100.0%
{Oppo, Maserati} -> {Tissot, Coach} <=> Confidence: 100.0%
{Oppo, Maserati} -> {Tissot, Xiaomi} <=> Confidence: 100.0%
{Oppo, Maserati} -> {Coach, Bugatti} <=> Confidence: 100.0%
{Oppo, Maserati} -> {Bugatti, Xiaomi} <=> Confidence: 100.0%
{Oppo, Maserati} -> {Coach, Xiaomi} <=> Confidence: 100.0%
{Oppo, Maserati} -> {Bugatti, Tissot, Coach} <=> Confidence: 100.0%
{Oppo, Maserati} -> {Bugatti, Tissot, Xiaomi} <=> Confidence: 100.0%
{Oppo, Maserati} -> {Tissot, Coach, Xiaomi} <=> Confidence: 100.0%
{Oppo, Maserati} -> {Bugatti, Coach, Xiaomi} <=> Confidence: 100.0%
{Oppo, Maserati} -> {Bugatti, Tissot, Coach, Xiaomi} <=> Confidence: 100.0%
{Xiaomi, Maserati} -> {Tissot} <=> Confidence: 100.0%
{Xiaomi, Maserati} -> {Bugatti} <=> Confidence: 100.0%
{Xiaomi, Maserati} -> {Coach} <=> Confidence: 100.0%
{Xiaomi, Maserati} -> {Oppo} <=> Confidence: 100.0%
{Xiaomi, Maserati} -> {Tissot, Bugatti} <=> Confidence: 100.0%
{Xiaomi, Maserati} -> {Tissot, Coach} <=> Confidence: 100.0%
{Xiaomi, Maserati} -> {Tissot, Oppo} <=> Confidence: 100.0%
{Xiaomi, Maserati} -> {Coach, Bugatti} <=> Confidence: 100.0%
{Xiaomi, Maserati} -> {Bugatti, Oppo} <=> Confidence: 100.0%
{Xiaomi, Maserati} -> {Coach, Oppo} <=> Confidence: 100.0%
{Popeyes, Maserati} -> {Tissot} <=> Confidence: 100.0%
{Popeyes, Maserati} -> {H&M} <=> Confidence: 100.0%
{Popeyes, Maserati} -> {BMW} <=> Confidence: 100.0%
{Popeyes, Maserati} -> {ROG} <=> Confidence: 100.0%
{Popeyes, Maserati} -> {Tissot, H&M} <=> Confidence: 100.0%
{Popeyes, Maserati} -> {Tissot, ROG} <=> Confidence: 100.0%
{Popeyes, Maserati} -> {Tissot, BMW} <=> Confidence: 100.0%
{Popeyes, Maserati} -> {H&M, ROG} <=> Confidence: 100.0%
{Popeyes, Maserati} -> {BMW, H&M} <=> Confidence: 100.0%
{Popeyes, Maserati} -> {BMW, ROG} <=> Confidence: 100.0%
```

```
{Popeyes, Maserati} -> {Tissot, ROG, H&M} <=> Confidence: 100.0%
{Popeyes, Maserati} -> {Tissot, BMW, H&M} <=> Confidence: 100.0%
{Popeyes, Maserati} -> {Tissot, BMW, ROG} <=> Confidence: 100.0%
{Popeyes, Maserati} -> {BMW, ROG, H&M} <=> Confidence: 100.0%
{Popeyes, Maserati} -> {Tissot, BMW, ROG, H&M} <=> Confidence: 100.0%
{Tesla, Swiss} -> {Bugatti} <=> Confidence: 100.0%
{Tesla, Swiss} -> {ZARA} <=> Confidence: 100.0%
{Tesla, Swiss} -> {Samsung} <=> Confidence: 100.0%
{Tesla, Swiss} -> {Dunkin} <=> Confidence: 100.0%
{Tesla, Swiss} -> {ZARA, Bugatti} <=> Confidence: 100.0%
{Tesla, Swiss} -> {Samsung, Bugatti} <=> Confidence: 100.0%
{Tesla, Swiss} -> {Bugatti, Dunkin} <=> Confidence: 100.0%
{Tesla, Swiss} -> {ZARA, Samsung} <=> Confidence: 100.0%
{Tesla, Swiss} -> {ZARA, Dunkin} <=> Confidence: 100.0%
{Tesla, Swiss} -> {Samsung, Dunkin} <=> Confidence: 100.0%
{Tesla, Swiss} -> {ZARA, Bugatti, Samsung} <=> Confidence: 100.0%
{Tesla, Swiss} -> {ZARA, Bugatti, Dunkin} <=> Confidence: 100.0%
{Tesla, Swiss} -> {Bugatti, Samsung, Dunkin} <=> Confidence: 100.0%
{Tesla, Swiss} -> {ZARA, Samsung, Dunkin} <=> Confidence: 100.0%
{Tesla, Swiss} -> {ZARA, Bugatti, Samsung, Dunkin} <=> Confidence: 100.0%
{Bugatti, Swiss} -> {Tesla} <=> Confidence: 50.0%
{Bugatti, Swiss} -> {MG} <=> Confidence: 50.0%
{Bugatti, Swiss} -> {ZARA} <=> Confidence: 100.0%
{Bugatti, Swiss} -> {Samsung} <=> Confidence: 100.0%
{Bugatti, Swiss} -> {Dunkin} <=> Confidence: 50.0%
{Bugatti, Swiss} -> {Tesla, ZARA} <=> Confidence: 50.0%
{Bugatti, Swiss} -> {Tesla, Samsung} <=> Confidence: 50.0%
{Bugatti, Swiss} -> {Tesla, Dunkin} <=> Confidence: 50.0%
{Bugatti, Swiss} -> {ZARA, Samsung} <=> Confidence: 100.0%
{Bugatti, Swiss} -> {ZARA, Dunkin} <=> Confidence: 50.0%
{Bugatti, Swiss} -> {ZARA, MG} <=> Confidence: 50.0%
{Bugatti, Swiss} -> {Samsung, Dunkin} <=> Confidence: 50.0%
{Bugatti, Swiss} -> {Samsung, MG} <=> Confidence: 50.0%
{Bugatti, Swiss} -> {ZARA, Tesla, Samsung} <=> Confidence: 50.0%
{Bugatti, Swiss} -> {ZARA, Tesla, Dunkin} <=> Confidence: 50.0%
{Bugatti, Swiss} -> {Tesla, Samsung, Dunkin} <=> Confidence: 50.0%
{Bugatti, Swiss} -> {ZARA, Samsung, Dunkin} <=> Confidence: 50.0%
{Bugatti, Swiss} -> {ZARA, Samsung, MG} <=> Confidence: 50.0%
{Bugatti, Swiss} -> {ZARA, Tesla, Samsung, Dunkin} <=> Confidence: 50.0%
{Tesla, ZARA} -> {Bugatti} <=> Confidence: 100.0%
{Tesla, ZARA} -> {Swiss} <=> Confidence: 100.0%
{Tesla, ZARA} -> {Samsung} <=> Confidence: 100.0%
{Tesla, ZARA} -> {Dunkin} <=> Confidence: 100.0%
{Tesla, ZARA} -> {Bugatti, Swiss} <=> Confidence: 100.0%
{Tesla, ZARA} -> {Samsung, Bugatti} <=> Confidence: 100.0%
{Tesla, ZARA} -> {Bugatti, Dunkin} <=> Confidence: 100.0%
```

```
{Tesla, ZARA} -> {Samsung, Swiss} <=> Confidence: 100.0%
{Tesla, ZARA} -> {Dunkin, Swiss} <=> Confidence: 100.0%
{Tesla, ZARA} -> {Samsung, Dunkin} <=> Confidence: 100.0%
{Bugatti, ZARA} -> {Tesla} <=> Confidence: 50.0%
{Bugatti, ZARA} -> {MG} <=> Confidence: 50.0%
{Bugatti, ZARA} -> {Tesla, Samsung} <=> Confidence: 50.0%
{Bugatti, ZARA} -> {Tesla, Dunkin} <=> Confidence: 50.0%
{Tesla, Samsung} -> {Bugatti} <=> Confidence: 50.0%
{Tesla, Samsung} -> {Swiss} <=> Confidence: 50.0%
{Tesla, Samsung} -> {ZARA} <=> Confidence: 50.0%
{Tesla, Samsung} -> {Dunkin} <=> Confidence: 50.0%
{Tesla, Samsung} -> {Adidas} <=> Confidence: 50.0%
{Tesla, Samsung} -> {Hublot} <=> Confidence: 50.0%
{Tesla, Samsung} -> {IQOO} <=> Confidence: 50.0%
{Tesla, Samsung} -> {Bugatti, Swiss} <=> Confidence: 50.0%
{Tesla, Samsung} -> {Bugatti, ZARA} <=> Confidence: 50.0%
{Tesla, Samsung} -> {Bugatti, Dunkin} <=> Confidence: 50.0%
{Tesla, Samsung} -> {ZARA, Swiss} <=> Confidence: 50.0%
{Tesla, Samsung} -> {Dunkin, Swiss} <=> Confidence: 50.0%
{Tesla, Samsung} -> {Dunkin, ZARA} <=> Confidence: 50.0%
{Tesla, Samsung} -> {Hublot, Adidas} <=> Confidence: 50.0%
{Tesla, Samsung} -> {IQOO, Adidas} <=> Confidence: 50.0%
{Tesla, Samsung} -> {Hublot, IQOO} <=> Confidence: 50.0%
{Tesla, Samsung} -> {ZARA, Bugatti, Swiss} <=> Confidence: 50.0%
{Tesla, Samsung} -> {ZARA, Bugatti, Dunkin} <=> Confidence: 50.0%
{Tesla, Samsung} -> {Bugatti, Swiss, Dunkin} <=> Confidence: 50.0%
{Tesla, Samsung} -> {ZARA, Swiss, Dunkin} <=> Confidence: 50.0%
{Tesla, Samsung} -> {Adidas, IQOO, Hublot} <=> Confidence: 50.0%
{Tesla, Samsung} -> {ZARA, Bugatti, Swiss, Dunkin} <=> Confidence: 50.0%
{Samsung, Bugatti} -> {Tesla} <=> Confidence: 50.0%
{Samsung, Bugatti} -> {MG} <=> Confidence: 50.0%
{Samsung, Bugatti} -> {Swiss} <=> Confidence: 100.0%
{Samsung, Bugatti} -> {ZARA} <=> Confidence: 100.0%
{Samsung, Bugatti} -> {Dunkin} <=> Confidence: 50.0%
{Samsung, Bugatti} -> {Tesla, Swiss} <=> Confidence: 50.0%
{Samsung, Bugatti} -> {Tesla, ZARA} <=> Confidence: 50.0%
{Samsung, Bugatti} -> {Tesla, Dunkin} <=> Confidence: 50.0%
{Samsung, Bugatti} -> {ZARA, Swiss} <=> Confidence: 100.0%
{Samsung, Bugatti} -> {Dunkin, Swiss} <=> Confidence: 50.0%
{Samsung, Bugatti} -> {MG, Swiss} <=> Confidence: 50.0%
{Samsung, Bugatti} -> {ZARA, Dunkin} <=> Confidence: 50.0%
{Samsung, Bugatti} -> {ZARA, MG} <=> Confidence: 50.0%
{Tesla, Dunkin} -> {Bugatti} <=> Confidence: 100.0%
{Tesla, Dunkin} -> {Swiss} <=> Confidence: 100.0%
{Tesla, Dunkin} -> {ZARA} <=> Confidence: 100.0%
{Tesla, Dunkin} -> {Samsung} <=> Confidence: 100.0%
```

```
{Tesla, Dunkin} -> {Bugatti, Swiss} <=> Confidence: 100.0%
{Tesla, Dunkin} -> {Bugatti, ZARA} <=> Confidence: 100.0%
{Tesla, Dunkin} -> {Samsung, Bugatti} <=> Confidence: 100.0%
{Tesla, Dunkin} -> {ZARA, Swiss} <=> Confidence: 100.0%
{Tesla, Dunkin} -> {Samsung, Swiss} <=> Confidence: 100.0%
{Tesla, Dunkin} -> {Samsung, ZARA} <=> Confidence: 100.0%
{Tesla, Dunkin} -> {ZARA, Bugatti, Swiss} <=> Confidence: 100.0%
{Tesla, Dunkin} -> {ZARA, Bugatti, Samsung} <=> Confidence: 100.0%
{Tesla, Dunkin} -> {Bugatti, Swiss, Samsung} <=> Confidence: 100.0%
{Tesla, Dunkin} -> {ZARA, Swiss, Samsung} <=> Confidence: 100.0%
{Tesla, Dunkin} -> {ZARA, Bugatti, Swiss, Samsung} <=> Confidence: 100.0%
{Bugatti, Dunkin} -> {Tesla} <=> Confidence: 100.0%
{Bugatti, Dunkin} -> {Swiss} <=> Confidence: 100.0%
{Bugatti, Dunkin} -> {ZARA} <=> Confidence: 100.0%
{Bugatti, Dunkin} -> {Samsung} <=> Confidence: 100.0%
{Bugatti, Dunkin} -> {Tesla, Swiss} <=> Confidence: 100.0%
{Bugatti, Dunkin} -> {Tesla, ZARA} <=> Confidence: 100.0%
{Bugatti, Dunkin} -> {Tesla, Samsung} <=> Confidence: 100.0%
{Bugatti, Dunkin} -> {ZARA, Swiss} <=> Confidence: 100.0%
{Bugatti, Dunkin} -> {Samsung, Swiss} <=> Confidence: 100.0%
{Bugatti, Dunkin} -> {ZARA, Samsung} <=> Confidence: 100.0%
{Bugatti, Dunkin} -> {ZARA, Tesla, Swiss} <=> Confidence: 100.0%
{Bugatti, Dunkin} -> {ZARA, Tesla, Samsung} <=> Confidence: 100.0%
{Bugatti, Dunkin} -> {Tesla, Swiss, Samsung} <=> Confidence: 100.0%
{Bugatti, Dunkin} -> {ZARA, Swiss, Samsung} <=> Confidence: 100.0%
{Bugatti, Dunkin} -> {ZARA, Tesla, Swiss, Samsung} <=> Confidence: 100.0%
{H&M, IHOP} -> {Bugatti} <=> Confidence: 100.0%
{H&M, IHOP} -> {Hermes} <=> Confidence: 100.0%
{H&M, IHOP} -> {Tissot, Bugatti} <=> Confidence: 100.0%
{H&M, IHOP} -> {Tissot, Hermes} <=> Confidence: 100.0%
{H&M, IHOP} -> {Hermes, Bugatti} <=> Confidence: 100.0%
{H&M, IHOP} -> {Tesla, Bugatti} <=> Confidence: 100.0%
{H&M, IHOP} -> {Tesla, Hermes} <=> Confidence: 100.0%
{Omega, Bugatti} -> {H&M} <=> Confidence: 100.0%
{Omega, Bugatti} -> {Seiko} <=> Confidence: 100.0%
{Omega, Bugatti} -> {FILA} <=> Confidence: 100.0%
{Omega, Bugatti} -> {Wendys} <=> Confidence: 100.0%
{Omega, Bugatti} -> {Seiko, H&M} <=> Confidence: 100.0%
{Omega, Bugatti} -> {H&M, FILA} <=> Confidence: 100.0%
{Omega, Bugatti} -> {H&M, Wendys} <=> Confidence: 100.0%
{Omega, Bugatti} -> {Seiko, FILA} <=> Confidence: 100.0%
{Omega, Bugatti} -> {Seiko, Wendys} <=> Confidence: 100.0%
{Omega, Bugatti} -> {FILA, Wendys} <=> Confidence: 100.0%
{Omega, H&M} -> {Bugatti} <=> Confidence: 100.0%
{Omega, H&M} -> {Seiko} <=> Confidence: 100.0%
{Omega, H&M} -> {FILA} <=> Confidence: 100.0%
```

```
\{Omega, H\&M\} -> \{Wendys\} <=> Confidence: 100.0\%
{Omega, H&M} -> {Seiko, Bugatti} <=> Confidence: 100.0%
{Omega, H&M} -> {Bugatti, FILA} <=> Confidence: 100.0%
{Omega, H&M} -> {Bugatti, Wendys} <=> Confidence: 100.0%
{Omega, H&M} -> {Seiko, FILA} <=> Confidence: 100.0%
{Omega, H&M} -> {Seiko, Wendys} <=> Confidence: 100.0%
\{Omega, H\&M\} \rightarrow \{FILA, Wendys\} \iff Confidence: 100.0\%
{Omega, H&M} -> {Bugatti, Seiko, FILA} <=> Confidence: 100.0%
{Omega, H&M} -> {Bugatti, Wendys, Seiko} <=> Confidence: 100.0%
{Omega, H&M} -> {Bugatti, Wendys, FILA} <=> Confidence: 100.0%
{Omega, H&M} -> {Wendys, Seiko, FILA} <=> Confidence: 100.0%
{Omega, H&M} -> {Bugatti, Wendys, Seiko, FILA} <=> Confidence: 100.0%
{Seiko, Bugatti} -> {H&M} <=> Confidence: 100.0%
{Seiko, Bugatti} -> {Omega} <=> Confidence: 100.0%
{Seiko, Bugatti} -> {FILA} <=> Confidence: 100.0%
{Seiko, Bugatti} -> {Wendys} <=> Confidence: 100.0%
{Seiko, Bugatti} -> {Omega, H&M} <=> Confidence: 100.0%
{Seiko, Bugatti} -> {H&M, FILA} <=> Confidence: 100.0%
{Seiko, Bugatti} -> {H&M, Wendys} <=> Confidence: 100.0%
{Seiko, Bugatti} -> {Omega, FILA} <=> Confidence: 100.0%
{Seiko, Bugatti} -> {Omega, Wendys} <=> Confidence: 100.0%
{Seiko, Bugatti} -> {FILA, Wendys} <=> Confidence: 100.0%
{Seiko, H&M} -> {Bugatti} <=> Confidence: 100.0%
{Seiko, H&M} -> {Omega} <=> Confidence: 100.0%
{Seiko, H&M} -> {FILA} <=> Confidence: 100.0%
{Seiko, H&M} -> {Wendys} <=> Confidence: 100.0%
{Seiko, H&M} -> {Omega, Bugatti} <=> Confidence: 100.0%
{Seiko, H&M} -> {Bugatti, FILA} <=> Confidence: 100.0%
{Seiko, H&M} -> {Bugatti, Wendys} <=> Confidence: 100.0%
{Seiko, H&M} -> {Omega, FILA} <=> Confidence: 100.0%
\{\text{Seiko, H\&M}\} \rightarrow \{\text{Omega, Wendys}\} \iff \text{Confidence: } 100.0\%
{Seiko, H&M} -> {FILA, Wendys} <=> Confidence: 100.0%
{Seiko, H&M} -> {Bugatti, FILA, Omega} <=> Confidence: 100.0%
{Seiko, H&M} -> {Bugatti, Wendys, Omega} <=> Confidence: 100.0%
{Seiko, H&M} -> {Bugatti, Wendys, FILA} <=> Confidence: 100.0%
{Seiko, H&M} -> {Wendys, FILA, Omega} <=> Confidence: 100.0%
{Seiko, H&M} -> {Bugatti, Wendys, FILA, Omega} <=> Confidence: 100.0%
{Bugatti, FILA} -> {H&M} <=> Confidence: 100.0%
{Bugatti, FILA} -> {Omega} <=> Confidence: 100.0%
{Bugatti, FILA} -> {Seiko} <=> Confidence: 100.0%
{Bugatti, FILA} -> {Wendys} <=> Confidence: 100.0%
{Bugatti, FILA} -> {Omega, H&M} <=> Confidence: 100.0%
{Bugatti, FILA} -> {Seiko, H&M} <=> Confidence: 100.0%
{Bugatti, FILA} -> {H&M, Wendys} <=> Confidence: 100.0%
{Bugatti, FILA} -> {Seiko, Omega} <=> Confidence: 100.0%
{Bugatti, FILA} -> {Omega, Wendys} <=> Confidence: 100.0%
```

```
{Bugatti, FILA} -> {Seiko, Wendys} <=> Confidence: 100.0%
{Bugatti, FILA} -> {Seiko, Omega, H&M} <=> Confidence: 100.0%
{Bugatti, FILA} -> {Wendys, Seiko, H&M} <=> Confidence: 100.0%
{Bugatti, FILA} -> {Wendys, Omega, H&M} <=> Confidence: 100.0%
{Bugatti, FILA} -> {Wendys, Seiko, Omega} <=> Confidence: 100.0%
{Bugatti, FILA} -> {Wendys, Seiko, Omega, H&M} <=> Confidence: 100.0%
{H&M, FILA} -> {Bugatti} <=> Confidence: 100.0%
{H&M, FILA} -> {Omega} <=> Confidence: 100.0%
{H&M, FILA} -> {Seiko} <=> Confidence: 100.0%
{H&M, FILA} -> {Wendys} <=> Confidence: 100.0%
{H&M, FILA} -> {Omega, Bugatti} <=> Confidence: 100.0%
{H&M, FILA} -> {Seiko, Bugatti} <=> Confidence: 100.0%
{H&M, FILA} -> {Bugatti, Wendys} <=> Confidence: 100.0%
{H&M, FILA} -> {Seiko, Omega} <=> Confidence: 100.0%
{H&M, FILA} -> {Omega, Wendys} <=> Confidence: 100.0%
{H&M, FILA} -> {Seiko, Wendys} <=> Confidence: 100.0%
{Bugatti, Wendys} -> {H&M} <=> Confidence: 100.0%
{Bugatti, Wendys} -> {Omega} <=> Confidence: 100.0%
{Bugatti, Wendys} -> {Seiko} <=> Confidence: 100.0%
{Bugatti, Wendys} -> {FILA} <=> Confidence: 100.0%
{Bugatti, Wendys} -> {Omega, H&M} <=> Confidence: 100.0%
{Bugatti, Wendys} -> {Seiko, H&M} <=> Confidence: 100.0%
{Bugatti, Wendys} -> {H&M, FILA} <=> Confidence: 100.0%
{Bugatti, Wendys} -> {Seiko, Omega} <=> Confidence: 100.0%
{Bugatti, Wendys} -> {Omega, FILA} <=> Confidence: 100.0%
{Bugatti, Wendys} -> {Seiko, FILA} <=> Confidence: 100.0%
{Bugatti, Wendys} -> {Seiko, Omega, H&M} <=> Confidence: 100.0%
{Bugatti, Wendys} -> {Seiko, FILA, H&M} <=> Confidence: 100.0%
{Bugatti, Wendys} -> {FILA, Omega, H&M} <=> Confidence: 100.0%
{Bugatti, Wendys} -> {Seiko, FILA, Omega} <=> Confidence: 100.0%
{Bugatti, Wendys} -> {Seiko, FILA, Omega, H&M} <=> Confidence: 100.0%
{H&M, Wendys} -> {Bugatti} <=> Confidence: 100.0%
{H&M, Wendys} -> {Omega} <=> Confidence: 100.0%
{H&M, Wendys} -> {Seiko} <=> Confidence: 100.0%
{H&M, Wendys} -> {FILA} <=> Confidence: 100.0%
{H&M, Wendys} -> {Omega, Bugatti} <=> Confidence: 100.0%
{H&M, Wendys} -> {Seiko, Bugatti} <=> Confidence: 100.0%
{H&M, Wendys} -> {Bugatti, FILA} <=> Confidence: 100.0%
{H&M, Wendys} -> {Seiko, Omega} <=> Confidence: 100.0%
{H&M, Wendys} -> {Omega, FILA} <=> Confidence: 100.0%
{H&M, Wendys} -> {Seiko, FILA} <=> Confidence: 100.0%
{Bugatti, Casio} -> {Kia} <=> Confidence: 100.0%
{Bugatti, Casio} -> {Dior} <=> Confidence: 100.0%
{Bugatti, Casio} -> {Microsoft} <=> Confidence: 100.0%
{Bugatti, Casio} -> {Dior, Kia} <=> Confidence: 100.0%
{Bugatti, Casio} -> {Kia, Microsoft} <=> Confidence: 100.0%
```

```
{Bugatti, Casio} -> {Dior, Microsoft} <=> Confidence: 100.0%
{Bugatti, Casio} -> {Dior, Microsoft, Kia} <=> Confidence: 100.0%
{Bugatti, Kia} -> {Casio} <=> Confidence: 100.0%
{Bugatti, Kia} -> {Dior} <=> Confidence: 100.0%
{Bugatti, Kia} -> {Microsoft} <=> Confidence: 100.0%
{Bugatti, Kia} -> {Casio, Dior} <=> Confidence: 100.0%
{Bugatti, Kia} -> {Casio, Microsoft} <=> Confidence: 100.0%
{Bugatti, Kia} -> {Dior, Microsoft} <=> Confidence: 100.0%
{Bugatti, Kia} -> {Casio, Dior, Microsoft} <=> Confidence: 100.0%
{Casio, Kia} -> {Bugatti} <=> Confidence: 33.33%
{Casio, Kia} -> {Bugatti, Dior} <=> Confidence: 33.33%
{Casio, Kia} -> {Bugatti, Microsoft} <=> Confidence: 33.33%
{Casio, Kia} -> {Bugatti, Dior, Microsoft} <=> Confidence: 33.33%
{Casio, Kia} -> {Vivo, Dior, Maserati} <=> Confidence: 33.33%
{Casio, Kia} -> {Dior, MG, Microsoft} <=> Confidence: 33.33%
{Casio, Kia} -> {Dominos, Dior, MG} <=> Confidence: 33.33%
{Casio, Kia} -> {Dominos, MG, Microsoft} <=> Confidence: 33.33%
{Casio, Kia} -> {Dominos, Dior, Microsoft} <=> Confidence: 33.33%
{Casio, Kia} -> {Dominos, Dior, MG, Microsoft} <=> Confidence: 33.33%
{Bugatti, Dior} -> {Casio} <=> Confidence: 100.0%
{Bugatti, Dior} -> {Kia} <=> Confidence: 100.0%
{Bugatti, Dior} -> {Microsoft} <=> Confidence: 100.0%
{Bugatti, Dior} -> {Casio, Kia} <=> Confidence: 100.0%
{Bugatti, Dior} -> {Casio, Microsoft} <=> Confidence: 100.0%
{Bugatti, Dior} -> {Kia, Microsoft} <=> Confidence: 100.0%
{Bugatti, Dior} -> {Casio, Microsoft, Kia} <=> Confidence: 100.0%
{Casio, Dior} -> {Bugatti} <=> Confidence: 33.33%
{Casio, Dior} -> {MG} <=> Confidence: 33.33%
{Casio, Dior} -> {Kia} <=> Confidence: 100.0%
{Casio, Dior} -> {Microsoft} <=> Confidence: 66.67%
{Casio, Dior} -> {Dominos} <=> Confidence: 33.33%
{Casio, Dior} -> {Vivo} <=> Confidence: 33.33%
{Casio, Dior} -> {Bugatti, Kia} <=> Confidence: 33.33%
{Casio, Dior} -> {Bugatti, Microsoft} <=> Confidence: 33.33%
{Casio, Dior} -> {Kia, Microsoft} <=> Confidence: 66.67%
{Casio, Dior} -> {MG, Kia} <=> Confidence: 33.33%
{Casio, Dior} -> {Vivo, Kia} <=> Confidence: 33.33%
{Casio, Dior} -> {Dominos, Kia} <=> Confidence: 33.33%
{Casio, Dior} -> {MG, Microsoft} <=> Confidence: 33.33%
{Casio, Dior} -> {Dominos, Microsoft} <=> Confidence: 33.33%
{Casio, Dior} -> {MG, Dominos} <=> Confidence: 33.33%
{Casio, Dior} -> {Bugatti, Microsoft, Kia} <=> Confidence: 33.33%
{Casio, Dior} -> {Vivo, Kia, Maserati} <=> Confidence: 33.33%
{Casio, Dior} -> {MG, Microsoft, Kia} <=> Confidence: 33.33%
{Casio, Dior} -> {Dominos, MG, Kia} <=> Confidence: 33.33%
{Casio, Dior} -> {Dominos, MG, Microsoft} <=> Confidence: 33.33%
```

```
{Casio, Dior} -> {Dominos, Microsoft, Kia} <=> Confidence: 33.33%
{Casio, Dior} -> {Dominos, MG, Microsoft, Kia} <=> Confidence: 33.33%
{Bugatti, Microsoft} -> {Casio} <=> Confidence: 100.0%
{Bugatti, Microsoft} -> {Kia} <=> Confidence: 100.0%
{Bugatti, Microsoft} -> {Dior} <=> Confidence: 100.0%
{Bugatti, Microsoft} -> {Casio, Kia} <=> Confidence: 100.0%
{Bugatti, Microsoft} -> {Casio, Dior} <=> Confidence: 100.0%
{Bugatti, Microsoft} -> {Kia, Dior} <=> Confidence: 100.0%
{Bugatti, Microsoft} -> {Casio, Dior, Kia} <=> Confidence: 100.0%
{Casio, Microsoft} -> {Bugatti} <=> Confidence: 50.0%
{Casio, Microsoft} -> {MG} <=> Confidence: 50.0%
{Casio, Microsoft} -> {Kia} <=> Confidence: 100.0%
{Casio, Microsoft} -> {Dior} <=> Confidence: 100.0%
{Casio, Microsoft} -> {Dominos} <=> Confidence: 50.0%
{Casio, Microsoft} -> {Bugatti, Kia} <=> Confidence: 50.0%
{Casio, Microsoft} -> {Bugatti, Dior} <=> Confidence: 50.0%
{Casio, Microsoft} -> {Kia, Dior} <=> Confidence: 100.0%
{Casio, Microsoft} -> {MG, Kia} <=> Confidence: 50.0%
{Casio, Microsoft} -> {Dominos, Kia} <=> Confidence: 50.0%
{Casio, Microsoft} -> {MG, Dior} <=> Confidence: 50.0%
{Casio, Microsoft} -> {Dominos, Dior} <=> Confidence: 50.0%
{Casio, Microsoft} -> {MG, Dominos} <=> Confidence: 50.0%
{Casio, Microsoft} -> {Bugatti, Dior, Kia} <=> Confidence: 50.0%
{Casio, Microsoft} -> {Dior, MG, Kia} <=> Confidence: 50.0%
{Casio, Microsoft} -> {Dominos, Dior, MG} <=> Confidence: 50.0%
{Casio, Microsoft} -> {Dominos, MG, Kia} <=> Confidence: 50.0%
{Casio, Microsoft} -> {Dominos, Dior, Kia} <=> Confidence: 50.0%
{Casio, Microsoft} -> {Dominos, Dior, MG, Kia} <=> Confidence: 50.0%
{MG, Bugatti} -> {Swiss} <=> Confidence: 100.0%
{MG, Bugatti} -> {ZARA} <=> Confidence: 100.0%
{MG, Bugatti} -> {Samsung} <=> Confidence: 100.0%
{MG, Swiss} -> {Bugatti} <=> Confidence: 100.0%
{MG, Swiss} -> {ZARA} <=> Confidence: 100.0%
{MG, Swiss} -> {Samsung} <=> Confidence: 100.0%
{MG, Swiss} -> {ZARA, Bugatti} <=> Confidence: 100.0%
{MG, Swiss} -> {Samsung, Bugatti} <=> Confidence: 100.0%
{MG, Swiss} -> {ZARA, Samsung} <=> Confidence: 100.0%
{MG, ZARA} -> {Bugatti} <=> Confidence: 100.0%
{MG, ZARA} -> {Swiss} <=> Confidence: 100.0%
{MG, ZARA} -> {Samsung} <=> Confidence: 100.0%
{MG, Samsung} -> {Bugatti} <=> Confidence: 100.0%
\{MG, Samsung\} \rightarrow \{Swiss\} \iff Confidence: 100.0\%
\{MG, Samsung\} \rightarrow \{ZARA\} \iff Confidence: 100.0\%
{ZARA, Bugatti} -> {Swiss} <=> Confidence: 100.0%
{ZARA, Bugatti} -> {Samsung} <=> Confidence: 100.0%
{ZARA, Bugatti} -> {Dunkin} <=> Confidence: 50.0%
```

```
{ZARA, Bugatti} -> {Tesla, Swiss} <=> Confidence: 50.0%
{ZARA, Bugatti} -> {Samsung, Swiss} <=> Confidence: 100.0%
{ZARA, Bugatti} -> {Dunkin, Swiss} <=> Confidence: 50.0%
{ZARA, Bugatti} -> {MG, Swiss} <=> Confidence: 50.0%
{ZARA, Bugatti} -> {Samsung, Dunkin} <=> Confidence: 50.0%
{ZARA, Bugatti} -> {Samsung, MG} <=> Confidence: 50.0%
{ZARA, Bugatti} -> {Tesla, Swiss, Samsung} <=> Confidence: 50.0%
{ZARA, Bugatti} -> {Tesla, Swiss, Dunkin} <=> Confidence: 50.0%
{ZARA, Bugatti} -> {Tesla, Samsung, Dunkin} <=> Confidence: 50.0%
{ZARA, Bugatti} -> {Swiss, Samsung, Dunkin} <=> Confidence: 50.0%
{ZARA, Bugatti} -> {Swiss, Samsung, MG} <=> Confidence: 50.0%
{ZARA, Bugatti} -> {Tesla, Swiss, Samsung, Dunkin} <=> Confidence: 50.0%
{ZARA, Swiss} -> {Bugatti} <=> Confidence: 50.0%
{ZARA, Swiss} -> {Audi} <=> Confidence: 50.0%
{ZARA, Swiss} -> {Tata} <=> Confidence: 25.0%
{ZARA, Swiss} -> {Tesla} <=> Confidence: 25.0%
{ZARA, Swiss} -> {MG} <=> Confidence: 25.0%
{ZARA, Swiss} -> {Samsung} <=> Confidence: 50.0%
{ZARA, Swiss} -> {Dunkin} <=> Confidence: 25.0%
{ZARA, Swiss} -> {Adidas} <=> Confidence: 25.0%
{ZARA, Swiss} -> {KFC} <=> Confidence: 25.0%
{ZARA, Swiss} -> {Poco} <=> Confidence: 25.0%
{ZARA, Swiss} -> {OnePlus} <=> Confidence: 25.0%
{ZARA, Swiss} -> {Audi, Tata} <=> Confidence: 25.0%
{ZARA, Swiss} -> {Audi, Adidas} <=> Confidence: 25.0%
{ZARA, Swiss} -> {Audi, KFC} <=> Confidence: 25.0%
{ZARA, Swiss} -> {Audi, Poco} <=> Confidence: 25.0%
{ZARA, Swiss} -> {Audi, OnePlus} <=> Confidence: 25.0%
{ZARA, Swiss} -> {Tesla, Bugatti} <=> Confidence: 25.0%
{ZARA, Swiss} -> {Samsung, Bugatti} <=> Confidence: 50.0%
{ZARA, Swiss} -> {Bugatti, Dunkin} <=> Confidence: 25.0%
{ZARA, Swiss} -> {Bugatti, MG} <=> Confidence: 25.0%
{ZARA, Swiss} -> {Tesla, Samsung} <=> Confidence: 25.0%
{ZARA, Swiss} -> {Tesla, Dunkin} <=> Confidence: 25.0%
{ZARA, Swiss} -> {Adidas, Tata} <=> Confidence: 25.0%
{ZARA, Swiss} -> {KFC, Tata} <=> Confidence: 25.0%
{ZARA, Swiss} -> {Samsung, Dunkin} <=> Confidence: 25.0%
{ZARA, Swiss} -> {Samsung, MG} <=> Confidence: 25.0%
{ZARA, Swiss} -> {Adidas, KFC} <=> Confidence: 25.0%
{ZARA, Swiss} -> {OnePlus, Poco} <=> Confidence: 25.0%
{ZARA, Swiss} -> {Adidas, Audi, Tata} <=> Confidence: 25.0%
{ZARA, Swiss} -> {Audi, Tata, KFC} <=> Confidence: 25.0%
{ZARA, Swiss} -> {Adidas, Audi, KFC} <=> Confidence: 25.0%
{ZARA, Swiss} -> {Audi, Poco, OnePlus} <=> Confidence: 25.0%
{ZARA, Swiss} -> {Bugatti, Tesla, Samsung} <=> Confidence: 25.0%
{ZARA, Swiss} -> {Bugatti, Tesla, Dunkin} <=> Confidence: 25.0%
```

```
{ZARA, Swiss} -> {Bugatti, Samsung, Dunkin} <=> Confidence: 25.0%
{ZARA, Swiss} -> {Bugatti, Samsung, MG} <=> Confidence: 25.0%
{ZARA, Swiss} -> {Tesla, Samsung, Dunkin} <=> Confidence: 25.0%
{ZARA, Swiss} -> {Adidas, Tata, KFC} <=> Confidence: 25.0%
{ZARA, Swiss} -> {Adidas, Audi, Tata, KFC} <=> Confidence: 25.0%
{ZARA, Swiss} -> {Bugatti, Tesla, Samsung, Dunkin} <=> Confidence: 25.0%
{Samsung, Swiss} -> {Bugatti} <=> Confidence: 100.0%
{Samsung, Swiss} -> {Tesla} <=> Confidence: 50.0%
{Samsung, Swiss} -> {MG} <=> Confidence: 50.0%
{Samsung, Swiss} -> {ZARA} <=> Confidence: 100.0%
{Samsung, Swiss} -> {Dunkin} <=> Confidence: 50.0%
{Samsung, Swiss} -> {Tesla, Bugatti} <=> Confidence: 50.0%
{Samsung, Swiss} -> {ZARA, Bugatti} <=> Confidence: 100.0%
{Samsung, Swiss} -> {Bugatti, Dunkin} <=> Confidence: 50.0%
{Samsung, Swiss} -> {Bugatti, MG} <=> Confidence: 50.0%
{Samsung, Swiss} -> {Tesla, ZARA} <=> Confidence: 50.0%
{Samsung, Swiss} -> {Tesla, Dunkin} <=> Confidence: 50.0%
{Samsung, Swiss} -> {ZARA, Dunkin} <=> Confidence: 50.0%
{Samsung, Swiss} -> {ZARA, MG} <=> Confidence: 50.0%
{Dunkin, Swiss} -> {Bugatti} <=> Confidence: 100.0%
{Dunkin, Swiss} -> {Tesla} <=> Confidence: 100.0%
{Dunkin, Swiss} -> {ZARA} <=> Confidence: 100.0%
{Dunkin, Swiss} -> {Samsung} <=> Confidence: 100.0%
{Dunkin, Swiss} -> {Tesla, Bugatti} <=> Confidence: 100.0%
{Dunkin, Swiss} -> {ZARA, Bugatti} <=> Confidence: 100.0%
{Dunkin, Swiss} -> {Samsung, Bugatti} <=> Confidence: 100.0%
{Dunkin, Swiss} -> {Tesla, ZARA} <=> Confidence: 100.0%
{Dunkin, Swiss} -> {Tesla, Samsung} <=> Confidence: 100.0%
{Dunkin, Swiss} -> {ZARA, Samsung} <=> Confidence: 100.0%
{ZARA, Samsung} -> {Bugatti} <=> Confidence: 100.0%
{ZARA, Samsung} -> {Swiss} <=> Confidence: 100.0%
{ZARA, Samsung} -> {Dunkin} <=> Confidence: 50.0%
{ZARA, Samsung} -> {Bugatti, Swiss} <=> Confidence: 100.0%
{ZARA, Samsung} -> {Bugatti, Dunkin} <=> Confidence: 50.0%
{ZARA, Samsung} -> {Bugatti, MG} <=> Confidence: 50.0%
{ZARA, Samsung} -> {Tesla, Swiss} <=> Confidence: 50.0%
{ZARA, Samsung} -> {Dunkin, Swiss} <=> Confidence: 50.0%
{ZARA, Samsung} -> {MG, Swiss} <=> Confidence: 50.0%
{ZARA, Samsung} -> {Bugatti, Tesla, Swiss} <=> Confidence: 50.0%
{ZARA, Samsung} -> {Bugatti, Tesla, Dunkin} <=> Confidence: 50.0%
{ZARA, Samsung} -> {Bugatti, Swiss, Dunkin} <=> Confidence: 50.0%
{ZARA, Samsung} -> {Bugatti, Swiss, MG} <=> Confidence: 50.0%
{ZARA, Samsung} -> {Tesla, Swiss, Dunkin} <=> Confidence: 50.0%
{ZARA, Samsung} -> {Bugatti, Tesla, Swiss, Dunkin} <=> Confidence: 50.0%
{ZARA, Dunkin} -> {Bugatti} <=> Confidence: 100.0%
{ZARA, Dunkin} -> {Swiss} <=> Confidence: 100.0%
```

```
{ZARA, Dunkin} -> {Samsung} <=> Confidence: 100.0%
{ZARA, Dunkin} -> {Bugatti, Swiss} <=> Confidence: 100.0%
{ZARA, Dunkin} -> {Samsung, Bugatti} <=> Confidence: 100.0%
{ZARA, Dunkin} -> {Tesla, Swiss} <=> Confidence: 100.0%
{ZARA, Dunkin} -> {Samsung, Swiss} <=> Confidence: 100.0%
{ZARA, Dunkin} -> {Bugatti, Tesla, Swiss} <=> Confidence: 100.0%
{ZARA, Dunkin} -> {Bugatti, Tesla, Samsung} <=> Confidence: 100.0%
{ZARA, Dunkin} -> {Bugatti, Swiss, Samsung} <=> Confidence: 100.0%
{ZARA, Dunkin} -> {Tesla, Swiss, Samsung} <=> Confidence: 100.0%
{ZARA, Dunkin} -> {Bugatti, Tesla, Swiss, Samsung} <=> Confidence: 100.0%
{Samsung, Dunkin} -> {Bugatti} <=> Confidence: 100.0%
{Samsung, Dunkin} -> {Tesla} <=> Confidence: 100.0%
{Samsung, Dunkin} -> {Swiss} <=> Confidence: 100.0%
{Samsung, Dunkin} -> {ZARA} <=> Confidence: 100.0%
{Samsung, Dunkin} -> {Tesla, Bugatti} <=> Confidence: 100.0%
{Samsung, Dunkin} -> {Bugatti, Swiss} <=> Confidence: 100.0%
{Samsung, Dunkin} -> {ZARA, Bugatti} <=> Confidence: 100.0%
{Samsung, Dunkin} -> {Tesla, Swiss} <=> Confidence: 100.0%
{Samsung, Dunkin} -> {Tesla, ZARA} <=> Confidence: 100.0%
{Samsung, Dunkin} -> {ZARA, Swiss} <=> Confidence: 100.0%
{Samsung, Dunkin} -> {ZARA, Bugatti, Tesla} <=> Confidence: 100.0%
{Samsung, Dunkin} -> {Bugatti, Tesla, Swiss} <=> Confidence: 100.0%
{Samsung, Dunkin} -> {ZARA, Bugatti, Swiss} <=> Confidence: 100.0%
{Samsung, Dunkin} -> {ZARA, Tesla, Swiss} <=> Confidence: 100.0%
{Samsung, Dunkin} -> {ZARA, Bugatti, Tesla, Swiss} <=> Confidence: 100.0%
{Kia, Dior} -> {Bugatti} <=> Confidence: 33.33%
{Kia, Dior} -> {Maserati} <=> Confidence: 33.33%
{Kia, Dior} -> {Casio} <=> Confidence: 100.0%
{Kia, Dior} -> {MG} <=> Confidence: 33.33%
{Kia, Dior} -> {Microsoft} <=> Confidence: 66.67%
{Kia, Dior} -> {Dominos} <=> Confidence: 33.33%
{Kia, Dior} -> {Vivo} <=> Confidence: 33.33%
{Kia, Dior} -> {Bugatti, Microsoft} <=> Confidence: 33.33%
{Kia, Dior} -> {Vivo, Maserati} <=> Confidence: 33.33%
{Kia, Dior} -> {Casio, Microsoft} <=> Confidence: 66.67%
{Kia, Dior} -> {MG, Casio} <=> Confidence: 33.33%
{Kia, Dior} -> {Vivo, Casio} <=> Confidence: 33.33%
{Kia, Dior} -> {Dominos, Casio} <=> Confidence: 33.33%
{Kia, Dior} -> {MG, Microsoft} <=> Confidence: 33.33%
{Kia, Dior} -> {Dominos, Microsoft} <=> Confidence: 33.33%
{Kia, Dior} -> {MG, Dominos} <=> Confidence: 33.33%
{Kia, Microsoft} -> {Bugatti} <=> Confidence: 50.0%
{Kia, Microsoft} -> {Casio} <=> Confidence: 100.0%
{Kia, Microsoft} -> {MG} <=> Confidence: 50.0%
{Kia, Microsoft} -> {Dior} <=> Confidence: 100.0%
{Kia, Microsoft} -> {Dominos} <=> Confidence: 50.0%
```

```
{Kia, Microsoft} -> {Bugatti, Casio} <=> Confidence: 50.0%
{Kia, Microsoft} -> {Bugatti, Dior} <=> Confidence: 50.0%
{Kia, Microsoft} -> {Casio, Dior} <=> Confidence: 100.0%
{Kia, Microsoft} -> {MG, Casio} <=> Confidence: 50.0%
{Kia, Microsoft} -> {Dominos, Casio} <=> Confidence: 50.0%
{Kia, Microsoft} -> {MG, Dior} <=> Confidence: 50.0%
{Kia, Microsoft} -> {Dominos, Dior} <=> Confidence: 50.0%
{Kia, Microsoft} -> {MG, Dominos} <=> Confidence: 50.0%
{Dior, Microsoft} -> {Bugatti} <=> Confidence: 50.0%
{Dior, Microsoft} -> {Casio} <=> Confidence: 100.0%
{Dior, Microsoft} -> {MG} <=> Confidence: 50.0%
{Dior, Microsoft} -> {Kia} <=> Confidence: 100.0%
{Dior, Microsoft} -> {Dominos} <=> Confidence: 50.0%
{Dior, Microsoft} -> {Bugatti, Casio} <=> Confidence: 50.0%
{Dior, Microsoft} -> {Bugatti, Kia} <=> Confidence: 50.0%
{Dior, Microsoft} -> {Kia, Casio} <=> Confidence: 100.0%
{Dior, Microsoft} -> {MG, Casio} <=> Confidence: 50.0%
{Dior, Microsoft} -> {Dominos, Casio} <=> Confidence: 50.0%
{Dior, Microsoft} -> {MG, Kia} <=> Confidence: 50.0%
{Dior, Microsoft} -> {Dominos, Kia} <=> Confidence: 50.0%
{Dior, Microsoft} -> {MG, Dominos} <=> Confidence: 50.0%
{Dior, Microsoft} -> {Bugatti, Casio, Kia} <=> Confidence: 50.0%
{Dior, Microsoft} -> {Casio, MG, Kia} <=> Confidence: 50.0%
{Dior, Microsoft} -> {Dominos, Casio, MG} <=> Confidence: 50.0%
{Dior, Microsoft} -> {Dominos, MG, Kia} <=> Confidence: 50.0%
{Dior, Microsoft} -> {Dominos, Casio, Kia} <=> Confidence: 50.0%
{Dior, Microsoft} -> {Dominos, Casio, MG, Kia} <=> Confidence: 50.0%
{Seiko, Omega} -> {Bugatti} <=> Confidence: 100.0%
{Seiko, Omega} -> {H&M} <=> Confidence: 100.0%
{Seiko, Omega} -> {FILA} <=> Confidence: 100.0%
{Seiko, Omega} -> {Wendys} <=> Confidence: 100.0%
{Seiko, Omega} -> {Bugatti, H&M} <=> Confidence: 100.0%
{Seiko, Omega} -> {Bugatti, FILA} <=> Confidence: 100.0%
{Seiko, Omega} -> {Bugatti, Wendys} <=> Confidence: 100.0%
{Seiko, Omega} -> {H&M, FILA} <=> Confidence: 100.0%
{Seiko, Omega} -> {H&M, Wendys} <=> Confidence: 100.0%
{Seiko, Omega} -> {FILA, Wendys} <=> Confidence: 100.0%
{Seiko, Omega} -> {Bugatti, FILA, H&M} <=> Confidence: 100.0%
{Seiko, Omega} -> {Bugatti, Wendys, H&M} <=> Confidence: 100.0%
{Seiko, Omega} -> {Bugatti, Wendys, FILA} <=> Confidence: 100.0%
{Seiko, Omega} -> {Wendys, FILA, H&M} <=> Confidence: 100.0%
{Seiko, Omega} -> {Bugatti, Wendys, FILA, H&M} <=> Confidence: 100.0%
{Omega, FILA} -> {Bugatti} <=> Confidence: 100.0%
{Omega, FILA} -> {H&M} <=> Confidence: 100.0%
{Omega, FILA} -> {Seiko} <=> Confidence: 100.0%
{Omega, FILA} -> {Wendys} <=> Confidence: 100.0%
```

```
{Omega, FILA} -> {Bugatti, H&M} <=> Confidence: 100.0%
{Omega, FILA} -> {Seiko, Bugatti} <=> Confidence: 100.0%
{Omega, FILA} -> {Bugatti, Wendys} <=> Confidence: 100.0%
{Omega, FILA} -> {Seiko, H&M} <=> Confidence: 100.0%
{Omega, FILA} -> {H&M, Wendys} <=> Confidence: 100.0%
{Omega, FILA} -> {Seiko, Wendys} <=> Confidence: 100.0%
{Omega, Wendys} -> {Bugatti} <=> Confidence: 100.0%
\{Omega, Wendys\} \rightarrow \{H\&M\} \iff Confidence: 100.0\%
{Omega, Wendys} -> {Seiko} <=> Confidence: 100.0%
{Omega, Wendys} -> {FILA} <=> Confidence: 100.0%
{Omega, Wendys} -> {Bugatti, H&M} <=> Confidence: 100.0%
{Omega, Wendys} -> {Seiko, Bugatti} <=> Confidence: 100.0%
{Omega, Wendys} -> {Bugatti, FILA} <=> Confidence: 100.0%
{Omega, Wendys} -> {Seiko, H&M} <=> Confidence: 100.0%
{Omega, Wendys} -> {H&M, FILA} <=> Confidence: 100.0%
{Omega, Wendys} -> {Seiko, FILA} <=> Confidence: 100.0%
{Seiko, FILA} -> {Bugatti} <=> Confidence: 100.0%
{Seiko, FILA} -> {H&M} <=> Confidence: 100.0%
{Seiko, FILA} -> {Omega} <=> Confidence: 100.0%
{Seiko, FILA} -> {Wendys} <=> Confidence: 100.0%
{Seiko, FILA} -> {Bugatti, H&M} <=> Confidence: 100.0%
{Seiko, FILA} -> {Omega, Bugatti} <=> Confidence: 100.0%
{Seiko, FILA} -> {Bugatti, Wendys} <=> Confidence: 100.0%
{Seiko, FILA} -> {Omega, H&M} <=> Confidence: 100.0%
{Seiko, FILA} -> {H&M, Wendys} <=> Confidence: 100.0%
{Seiko, FILA} -> {Omega, Wendys} <=> Confidence: 100.0%
{Seiko, FILA} -> {Bugatti, Omega, H&M} <=> Confidence: 100.0%
{Seiko, FILA} -> {Bugatti, Wendys, H&M} <=> Confidence: 100.0%
{Seiko, FILA} -> {Bugatti, Wendys, Omega} <=> Confidence: 100.0%
{Seiko, FILA} -> {Wendys, Omega, H&M} <=> Confidence: 100.0%
{Seiko, FILA} -> {Bugatti, Wendys, Omega, H&M} <=> Confidence: 100.0%
{Seiko, Wendys} -> {Bugatti} <=> Confidence: 100.0%
{Seiko, Wendys} -> {H&M} <=> Confidence: 100.0%
{Seiko, Wendys} -> {Omega} <=> Confidence: 100.0%
{Seiko, Wendys} -> {FILA} <=> Confidence: 100.0%
{Seiko, Wendys} -> {Bugatti, H&M} <=> Confidence: 100.0%
{Seiko, Wendys} -> {Omega, Bugatti} <=> Confidence: 100.0%
{Seiko, Wendys} -> {Bugatti, FILA} <=> Confidence: 100.0%
{Seiko, Wendys} -> {Omega, H&M} <=> Confidence: 100.0%
{Seiko, Wendys} -> {H&M, FILA} <=> Confidence: 100.0%
{Seiko, Wendys} -> {Omega, FILA} <=> Confidence: 100.0%
{FILA, Wendys} -> {Bugatti} <=> Confidence: 100.0%
{FILA, Wendys} -> {H&M} <=> Confidence: 100.0%
{FILA, Wendys} -> {Omega} <=> Confidence: 100.0%
{FILA, Wendys} -> {Seiko} <=> Confidence: 100.0%
{FILA, Wendys} -> {Bugatti, H&M} <=> Confidence: 100.0%
```

```
{FILA, Wendys} -> {Omega, Bugatti} <=> Confidence: 100.0%
{FILA, Wendys} -> {Seiko, Bugatti} <=> Confidence: 100.0%
{FILA, Wendys} -> {Omega, H&M} <=> Confidence: 100.0%
{FILA, Wendys} -> {Seiko, H&M} <=> Confidence: 100.0%
{FILA, Wendys} -> {Seiko, Omega} <=> Confidence: 100.0%
{Audi, Starbucks} -> {Titan} <=> Confidence: 100.0%
{Audi, Starbucks} -> {Titan, Tissot} <=> Confidence: 100.0%
{Audi, Starbucks} -> {Titan, Bugatti} <=> Confidence: 100.0%
{Audi, Starbucks} -> {Titan, GUCCI} <=> Confidence: 100.0%
{Audi, Starbucks} -> {Titan, Bugatti, Tissot} <=> Confidence: 100.0%
{Audi, Starbucks} -> {Titan, Tissot, GUCCI} <=> Confidence: 100.0%
{Audi, Starbucks} -> {Titan, Bugatti, GUCCI} <=> Confidence: 100.0%
{Audi, Starbucks} -> {Bugatti, Tissot, GUCCI} <=> Confidence: 100.0%
{Audi, Starbucks} -> {Titan, Bugatti, Tissot, GUCCI} <=> Confidence: 100.0%
{Audi, Tata} -> {Swiss} <=> Confidence: 100.0%
{Audi, Tata} -> {ZARA} <=> Confidence: 100.0%
{Audi, Tata} -> {Adidas} <=> Confidence: 100.0%
{Audi, Tata} -> {KFC} <=> Confidence: 100.0%
{Audi, Tata} -> {ZARA, Swiss} <=> Confidence: 100.0%
{Audi, Tata} -> {Adidas, Swiss} <=> Confidence: 100.0%
{Audi, Tata} -> {KFC, Swiss} <=> Confidence: 100.0%
{Audi, Tata} -> {ZARA, Adidas} <=> Confidence: 100.0%
{Audi, Tata} -> {ZARA, KFC} <=> Confidence: 100.0%
{Audi, Tata} -> {Adidas, KFC} <=> Confidence: 100.0%
{Audi, Tata} -> {ZARA, Adidas, Swiss} <=> Confidence: 100.0%
{Audi, Tata} -> {ZARA, Swiss, KFC} <=> Confidence: 100.0%
{Audi, Tata} -> {ZARA, Adidas, KFC} <=> Confidence: 100.0%
{Audi, Tata} -> {Adidas, Swiss, KFC} <=> Confidence: 100.0%
{Audi, Tata} -> {ZARA, Adidas, Swiss, KFC} <=> Confidence: 100.0%
{Audi, Swiss} -> {Tata} <=> Confidence: 50.0%
{Audi, Swiss} -> {ZARA} <=> Confidence: 100.0%
{Audi, Swiss} -> {Adidas} <=> Confidence: 50.0%
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{Audi, Swiss} -> {OnePlus} <=> Confidence: 50.0%
{Audi, Swiss} -> {ZARA, Tata} <=> Confidence: 50.0%
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{Audi, Swiss} -> {Adidas, KFC} <=> Confidence: 50.0%
{Audi, Swiss} -> {Poco, OnePlus} <=> Confidence: 50.0%
{Audi, Swiss} -> {ZARA, Adidas, Tata} <=> Confidence: 50.0%
{Audi, Swiss} -> {ZARA, Tata, KFC} <=> Confidence: 50.0%
```

```
{Audi, Swiss} -> {Adidas, Tata, KFC} <=> Confidence: 50.0%
{Audi, Swiss} -> {ZARA, Adidas, KFC} <=> Confidence: 50.0%
{Audi, Swiss} -> {ZARA, Poco, OnePlus} <=> Confidence: 50.0%
{Audi, Swiss} -> {ZARA, Adidas, Tata, KFC} <=> Confidence: 50.0%
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{Tata, Swiss} -> {ZARA} <=> Confidence: 100.0%
{Tata, Swiss} -> {Adidas} <=> Confidence: 100.0%
{Tata, Swiss} -> {KFC} <=> Confidence: 100.0%
{Tata, Swiss} -> {ZARA, Audi} <=> Confidence: 100.0%
{Tata, Swiss} -> {Adidas, Audi} <=> Confidence: 100.0%
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{Tata, Swiss} -> {ZARA, KFC} <=> Confidence: 100.0%
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{ZARA, Audi} -> {KFC, Adidas} <=> Confidence: 50.0%
{ZARA, Audi} -> {Poco, OnePlus} <=> Confidence: 50.0%
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{ZARA, Audi} -> {Adidas, Tata, KFC} <=> Confidence: 50.0%
{ZARA, Audi} -> {Adidas, Swiss, KFC} <=> Confidence: 50.0%
{ZARA, Audi} -> {Swiss, Poco, OnePlus} <=> Confidence: 50.0%
{ZARA, Audi} -> {Adidas, Swiss, Tata, KFC} <=> Confidence: 50.0%
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{ZARA, Tata} -> {KFC, Swiss} <=> Confidence: 100.0%
{ZARA, Tata} -> {KFC, Adidas} <=> Confidence: 100.0%
{ZARA, Tata} -> {Adidas, Audi, Swiss} <=> Confidence: 100.0%
```

```
{ZARA, Tata} -> {Audi, Swiss, KFC} <=> Confidence: 100.0%
{ZARA, Tata} -> {Adidas, Audi, KFC} <=> Confidence: 100.0%
{ZARA, Tata} -> {Adidas, Swiss, KFC} <=> Confidence: 100.0%
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{Adidas, Audi} -> {KFC, Swiss} <=> Confidence: 100.0%
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{Adidas, Audi} -> {ZARA, Tata, KFC} <=> Confidence: 100.0%
{Adidas, Audi} -> {Swiss, Tata, KFC} <=> Confidence: 100.0%
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{Adidas, Audi} -> {ZARA, Swiss, Tata, KFC} <=> Confidence: 100.0%
{Adidas, Tata} -> {Audi} <=> Confidence: 100.0%
{Adidas, Tata} -> {Swiss} <=> Confidence: 100.0%
{Adidas, Tata} -> {KFC} <=> Confidence: 100.0%
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{Adidas, Tata} -> {Audi, KFC} <=> Confidence: 100.0%
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{Adidas, Tata} -> {KFC, Swiss} <=> Confidence: 100.0%
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{Adidas, Tata} -> {ZARA, Audi, KFC} <=> Confidence: 100.0%
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{Adidas, Tata} -> {ZARA, Swiss, KFC} <=> Confidence: 100.0%
{Adidas, Tata} -> {ZARA, Audi, Swiss, KFC} <=> Confidence: 100.0%
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{Audi, KFC} -> {Swiss} <=> Confidence: 100.0%
{Audi, KFC} -> {ZARA} <=> Confidence: 100.0%
{Audi, KFC} -> {Adidas} <=> Confidence: 100.0%
{Audi, KFC} -> {Tata, Swiss} <=> Confidence: 100.0%
{Audi, KFC} -> {ZARA, Tata} <=> Confidence: 100.0%
{Audi, KFC} -> {Adidas, Tata} <=> Confidence: 100.0%
{Audi, KFC} -> {ZARA, Swiss} <=> Confidence: 100.0%
{Audi, KFC} -> {Adidas, Swiss} <=> Confidence: 100.0%
{Audi, KFC} -> {ZARA, Adidas} <=> Confidence: 100.0%
{Audi, KFC} -> {ZARA, Swiss, Tata} <=> Confidence: 100.0%
{Audi, KFC} -> {ZARA, Adidas, Tata} <=> Confidence: 100.0%
{Audi, KFC} -> {Adidas, Swiss, Tata} <=> Confidence: 100.0%
{Audi, KFC} -> {ZARA, Adidas, Swiss} <=> Confidence: 100.0%
{Audi, KFC} -> {ZARA, Adidas, Swiss, Tata} <=> Confidence: 100.0%
{Tata, KFC} -> {Audi} <=> Confidence: 100.0%
{Tata, KFC} -> {ZARA} <=> Confidence: 100.0%
{Tata, KFC} -> {Adidas} <=> Confidence: 100.0%
{Tata, KFC} -> {ZARA, Audi} <=> Confidence: 100.0%
```

```
{Tata, KFC} -> {Adidas, Audi} <=> Confidence: 100.0%
{Tata, KFC} -> {ZARA, Audi, Swiss} <=> Confidence: 100.0%
{Tata, KFC} -> {ZARA, Adidas, Audi} <=> Confidence: 100.0%
{Tata, KFC} -> {Adidas, Audi, Swiss} <=> Confidence: 100.0%
{Tata, KFC} -> {ZARA, Adidas, Swiss} <=> Confidence: 100.0%
{Tata, KFC} -> {ZARA, Adidas, Audi, Swiss} <=> Confidence: 100.0%
{Adidas, Swiss} -> {Audi} <=> Confidence: 100.0%
{Adidas, Swiss} -> {Tata} <=> Confidence: 100.0%
{Adidas, Swiss} -> {ZARA} <=> Confidence: 100.0%
{Adidas, Swiss} -> {KFC} <=> Confidence: 100.0%
{Adidas, Swiss} -> {Audi, Tata} <=> Confidence: 100.0%
{Adidas, Swiss} -> {ZARA, Audi} <=> Confidence: 100.0%
{Adidas, Swiss} -> {Audi, KFC} <=> Confidence: 100.0%
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{Adidas, Swiss} -> {ZARA, Audi, Tata} <=> Confidence: 100.0%
{Adidas, Swiss} -> {Audi, Tata, KFC} <=> Confidence: 100.0%
{Adidas, Swiss} -> {ZARA, Audi, KFC} <=> Confidence: 100.0%
{Adidas, Swiss} -> {ZARA, Tata, KFC} <=> Confidence: 100.0%
{Adidas, Swiss} -> {ZARA, Audi, Tata, KFC} <=> Confidence: 100.0%
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{KFC, Swiss} -> {Tata} <=> Confidence: 100.0%
{KFC, Swiss} -> {ZARA} <=> Confidence: 100.0%
{KFC, Swiss} -> {Adidas} <=> Confidence: 100.0%
{KFC, Swiss} -> {Audi, Tata} <=> Confidence: 100.0%
{KFC, Swiss} -> {ZARA, Audi} <=> Confidence: 100.0%
{KFC, Swiss} -> {Adidas, Audi} <=> Confidence: 100.0%
{KFC, Swiss} -> {ZARA, Tata} <=> Confidence: 100.0%
{KFC, Swiss} -> {Adidas, Tata} <=> Confidence: 100.0%
{KFC, Swiss} -> {ZARA, Adidas} <=> Confidence: 100.0%
{Audi, Poco} -> {Swiss} <=> Confidence: 100.0%
{Audi, Poco} -> {ZARA} <=> Confidence: 100.0%
{Audi, Poco} -> {OnePlus} <=> Confidence: 100.0%
{Audi, Poco} -> {ZARA, Swiss} <=> Confidence: 100.0%
{Audi, Poco} -> {OnePlus, Swiss} <=> Confidence: 100.0%
{Audi, Poco} -> {ZARA, OnePlus} <=> Confidence: 100.0%
{Audi, Poco} -> {ZARA, Swiss, OnePlus} <=> Confidence: 100.0%
{Poco, Swiss} -> {Audi} <=> Confidence: 100.0%
{Poco, Swiss} -> {ZARA} <=> Confidence: 100.0%
{Poco, Swiss} -> {OnePlus} <=> Confidence: 100.0%
{Poco, Swiss} -> {ZARA, Audi} <=> Confidence: 100.0%
{Poco, Swiss} -> {Audi, OnePlus} <=> Confidence: 100.0%
{Poco, Swiss} -> {ZARA, OnePlus} <=> Confidence: 100.0%
{Audi, OnePlus} -> {Swiss} <=> Confidence: 100.0%
{Audi, OnePlus} -> {ZARA} <=> Confidence: 100.0%
```

```
{Audi, OnePlus} -> {Poco} <=> Confidence: 100.0%
{Audi, OnePlus} -> {ZARA, Swiss} <=> Confidence: 100.0%
{Audi, OnePlus} -> {Poco, Swiss} <=> Confidence: 100.0%
{Audi, OnePlus} -> {ZARA, Poco} <=> Confidence: 100.0%
{Audi, OnePlus} -> {ZARA, Swiss, Poco} <=> Confidence: 100.0%
{OnePlus, Swiss} -> {Audi} <=> Confidence: 100.0%
{OnePlus, Swiss} -> {ZARA} <=> Confidence: 100.0%
{OnePlus, Swiss} -> {Poco} <=> Confidence: 100.0%
{OnePlus, Swiss} -> {ZARA, Audi} <=> Confidence: 100.0%
{OnePlus, Swiss} -> {Audi, Poco} <=> Confidence: 100.0%
{OnePlus, Swiss} -> {ZARA, Poco} <=> Confidence: 100.0%
{ZARA, Adidas} -> {Audi} <=> Confidence: 100.0%
{ZARA, Adidas} -> {Tata} <=> Confidence: 100.0%
{ZARA, Adidas} -> {Swiss} <=> Confidence: 100.0%
{ZARA, Adidas} -> {KFC} <=> Confidence: 100.0%
{ZARA, Adidas} -> {Audi, Tata} <=> Confidence: 100.0%
{ZARA, Adidas} -> {Audi, Swiss} <=> Confidence: 100.0%
{ZARA, Adidas} -> {Audi, KFC} <=> Confidence: 100.0%
{ZARA, Adidas} -> {Tata, Swiss} <=> Confidence: 100.0%
{ZARA, Adidas} -> {KFC, Tata} <=> Confidence: 100.0%
{ZARA, Adidas} -> {KFC, Swiss} <=> Confidence: 100.0%
{ZARA, Adidas} -> {Audi, Swiss, Tata} <=> Confidence: 100.0%
{ZARA, Adidas} -> {Audi, Tata, KFC} <=> Confidence: 100.0%
{ZARA, Adidas} -> {Audi, Swiss, KFC} <=> Confidence: 100.0%
{ZARA, Adidas} -> {Swiss, Tata, KFC} <=> Confidence: 100.0%
{ZARA, Adidas} -> {Audi, Swiss, Tata, KFC} <=> Confidence: 100.0%
{Audi, Adidas} -> {ZARA} <=> Confidence: 100.0%
{Audi, Adidas} -> {ZARA, Tata} <=> Confidence: 100.0%
{Audi, Adidas} -> {ZARA, Swiss} <=> Confidence: 100.0%
{Audi, Adidas} -> {ZARA, KFC} <=> Confidence: 100.0%
{ZARA, KFC} -> {Audi} <=> Confidence: 100.0%
{ZARA, KFC} -> {Tata} <=> Confidence: 100.0%
{ZARA, KFC} -> {Swiss} <=> Confidence: 100.0%
{ZARA, KFC} -> {Adidas} <=> Confidence: 100.0%
{ZARA, KFC} -> {Audi, Tata} <=> Confidence: 100.0%
{ZARA, KFC} -> {Audi, Swiss} <=> Confidence: 100.0%
{ZARA, KFC} -> {Audi, Adidas} <=> Confidence: 100.0%
{ZARA, KFC} -> {Tata, Swiss} <=> Confidence: 100.0%
{ZARA, KFC} -> {Tata, Adidas} <=> Confidence: 100.0%
{ZARA, KFC} -> {Adidas, Swiss} <=> Confidence: 100.0%
{ZARA, KFC} -> {Audi, Swiss, Tata} <=> Confidence: 100.0%
{ZARA, KFC} -> {Adidas, Audi, Tata} <=> Confidence: 100.0%
{ZARA, KFC} -> {Adidas, Audi, Swiss} <=> Confidence: 100.0%
{ZARA, KFC} -> {Adidas, Swiss, Tata} <=> Confidence: 100.0%
{ZARA, KFC} -> {Adidas, Audi, Swiss, Tata} <=> Confidence: 100.0%
{ZARA, Poco} -> {Audi} <=> Confidence: 100.0%
```

```
{ZARA, Poco} -> {Swiss} <=> Confidence: 100.0%
{ZARA, Poco} -> {OnePlus} <=> Confidence: 100.0%
{ZARA, Poco} -> {Audi, Swiss} <=> Confidence: 100.0%
{ZARA, Poco} -> {Audi, OnePlus} <=> Confidence: 100.0%
{ZARA, Poco} -> {OnePlus, Swiss} <=> Confidence: 100.0%
{ZARA, Poco} -> {Audi, Swiss, OnePlus} <=> Confidence: 100.0%
{ZARA, OnePlus} -> {Audi} <=> Confidence: 100.0%
{ZARA, OnePlus} -> {Swiss} <=> Confidence: 100.0%
{ZARA, OnePlus} -> {Poco} <=> Confidence: 100.0%
{ZARA, OnePlus} -> {Audi, Swiss} <=> Confidence: 100.0%
{ZARA, OnePlus} -> {Audi, Poco} <=> Confidence: 100.0%
{ZARA, OnePlus} -> {Poco, Swiss} <=> Confidence: 100.0%
{ZARA, OnePlus} -> {Audi, Swiss, Poco} <=> Confidence: 100.0%
{Adidas, KFC} -> {Audi} <=> Confidence: 100.0%
{Adidas, KFC} -> {Tata} <=> Confidence: 100.0%
{Adidas, KFC} -> {Swiss} <=> Confidence: 100.0%
{Adidas, KFC} -> {Audi, Tata} <=> Confidence: 100.0%
{Adidas, KFC} -> {Audi, Swiss} <=> Confidence: 100.0%
{Adidas, KFC} -> {Tata, Swiss} <=> Confidence: 100.0%
{Adidas, KFC} -> {ZARA, Swiss} <=> Confidence: 100.0%
{Adidas, KFC} -> {ZARA, Audi, Tata} <=> Confidence: 100.0%
{Adidas, KFC} -> {Audi, Swiss, Tata} <=> Confidence: 100.0%
{Adidas, KFC} -> {ZARA, Audi, Swiss} <=> Confidence: 100.0%
{Adidas, KFC} -> {ZARA, Swiss, Tata} <=> Confidence: 100.0%
{Adidas, KFC} -> {ZARA, Audi, Swiss, Tata} <=> Confidence: 100.0%
{Poco, OnePlus} -> {Audi} <=> Confidence: 100.0%
{Poco, OnePlus} -> {Audi, Swiss} <=> Confidence: 100.0%
{Poco, OnePlus} -> {ZARA, Audi} <=> Confidence: 100.0%
{Poco, OnePlus} -> {ZARA, Audi, Swiss} <=> Confidence: 100.0%
{MG, Hermes} -> {Tata} <=> Confidence: 50.0%
{MG, Hermes} -> {Casio} <=> Confidence: 50.0%
{MG, Hermes} -> {Fossil} <=> Confidence: 100.0%
{MG, Hermes} -> {Chanel} <=> Confidence: 50.0%
{MG, Hermes} -> {Tata, Fossil} <=> Confidence: 50.0%
{MG, Hermes} -> {Casio, Fossil} <=> Confidence: 50.0%
{MG, Hermes} -> {Casio, Chanel} <=> Confidence: 50.0%
{MG, Hermes} -> {Chanel, Fossil} <=> Confidence: 50.0%
{MG, Tata} -> {Hermes} <=> Confidence: 100.0%
{MG, Tata} -> {Fossil} <=> Confidence: 100.0%
{MG, Tata} -> {Hermes, Fossil} <=> Confidence: 100.0%
{Hermes, Tata} -> {MG} <=> Confidence: 100.0%
{Hermes, Tata} -> {Fossil} <=> Confidence: 100.0%
{Hermes, Tata} -> {MG, Fossil} <=> Confidence: 100.0%
{Hermes, Fossil} -> {Tata} <=> Confidence: 33.33%
{Hermes, Fossil} -> {BMW} <=> Confidence: 33.33%
{Hermes, Fossil} -> {ROG} <=> Confidence: 33.33%
```

```
{Hermes, Fossil} -> {Casio} <=> Confidence: 33.33%
{Hermes, Fossil} -> {MG} <=> Confidence: 66.67%
{Hermes, Fossil} -> {Poco} <=> Confidence: 33.33%
{Hermes, Fossil} -> {Chanel} <=> Confidence: 33.33%
{Hermes, Fossil} -> {MG, Tata} <=> Confidence: 33.33%
{Hermes, Fossil} -> {BMW, ROG} <=> Confidence: 33.33%
{Hermes, Fossil} -> {Poco, ROG} <=> Confidence: 33.33%
{Hermes, Fossil} -> {BMW, Poco} <=> Confidence: 33.33%
{Hermes, Fossil} -> {MG, Casio} <=> Confidence: 33.33%
{Hermes, Fossil} -> {Casio, Chanel} <=> Confidence: 33.33%
{Hermes, Fossil} -> {MG, Chanel} <=> Confidence: 33.33%
{Hermes, Fossil} -> {BMW, Poco, ROG} <=> Confidence: 33.33%
{Hermes, Fossil} -> {Casio, Chanel, MG} <=> Confidence: 33.33%
{Tata, Fossil} -> {Hermes} <=> Confidence: 100.0%
{Tata, Fossil} \rightarrow {MG} \ll Confidence: 100.0%
{Tata, Fossil} -> {MG, Hermes} <=> Confidence: 100.0%
{BMW, Hermes} -> {ROG} <=> Confidence: 100.0%
{BMW, Hermes} -> {Poco} <=> Confidence: 100.0%
{BMW, Hermes} -> {Fossil} <=> Confidence: 100.0%
{BMW, Hermes} -> {Poco, ROG} <=> Confidence: 100.0%
{BMW, Hermes} -> {ROG, Fossil} <=> Confidence: 100.0%
{BMW, Hermes} -> {Poco, Fossil} <=> Confidence: 100.0%
{BMW, ROG} -> {Hermes} <=> Confidence: 50.0%
{BMW, ROG} -> {H&M} <=> Confidence: 50.0%
{BMW, ROG} -> {Maserati} <=> Confidence: 50.0%
{BMW, ROG} -> {Popeyes} <=> Confidence: 50.0%
{BMW, ROG} -> {Poco} <=> Confidence: 50.0%
{BMW, ROG} -> {Fossil} <=> Confidence: 50.0%
{BMW, ROG} -> {Poco, Hermes} <=> Confidence: 50.0%
{BMW, ROG} -> {Hermes, Fossil} <=> Confidence: 50.0%
{BMW, ROG} -> {H&M, Maserati} <=> Confidence: 50.0%
{BMW, ROG} -> {Popeyes, H&M} <=> Confidence: 50.0%
{BMW, ROG} -> {Popeyes, Maserati} <=> Confidence: 50.0%
{BMW, ROG} -> {Poco, Fossil} <=> Confidence: 50.0%
{BMW, ROG} -> {Tissot, H&M, Maserati} <=> Confidence: 50.0%
{BMW, ROG} -> {Tissot, Popeyes, H&M} <=> Confidence: 50.0%
{BMW, ROG} -> {Tissot, Popeyes, Maserati} <=> Confidence: 50.0%
{BMW, ROG} -> {Hermes, Poco, Fossil} <=> Confidence: 50.0%
{BMW, ROG} -> {Popeyes, H&M, Maserati} <=> Confidence: 50.0%
{BMW, ROG} -> {Tissot, Popeyes, H&M, Maserati} <=> Confidence: 50.0%
{Hermes, ROG} -> {BMW} <=> Confidence: 100.0%
{Hermes, ROG} -> {Poco} <=> Confidence: 100.0%
{Hermes, ROG} -> {Fossil} <=> Confidence: 100.0%
\{Hermes, ROG\} \rightarrow \{BMW, Poco\} \iff Confidence: 100.0\%
{Hermes, ROG} -> {BMW, Fossil} <=> Confidence: 100.0%
{Hermes, ROG} -> {Poco, Fossil} <=> Confidence: 100.0%
```

```
{Hermes, ROG} -> {BMW, Poco, Fossil} <=> Confidence: 100.0%
{BMW, Poco} -> {Hermes} <=> Confidence: 100.0%
{BMW, Poco} -> {ROG} <=> Confidence: 100.0%
{BMW, Poco} -> {Fossil} <=> Confidence: 100.0%
{BMW, Poco} -> {Hermes, ROG} <=> Confidence: 100.0%
{BMW, Poco} -> {Hermes, Fossil} <=> Confidence: 100.0%
{BMW, Poco} -> {ROG, Fossil} <=> Confidence: 100.0%
{BMW, Poco} -> {Hermes, ROG, Fossil} <=> Confidence: 100.0%
{Poco, Hermes} -> {BMW} <=> Confidence: 100.0%
{Poco, Hermes} -> {ROG} <=> Confidence: 100.0%
{Poco, Hermes} -> {Fossil} <=> Confidence: 100.0%
{Poco, Hermes} -> {BMW, ROG} <=> Confidence: 100.0%
{Poco, Hermes} -> {ROG, Fossil} <=> Confidence: 100.0%
{Poco, Hermes} -> {BMW, Fossil} <=> Confidence: 100.0%
{BMW, Fossil} -> {Hermes} <=> Confidence: 100.0%
{BMW, Fossil} -> {ROG} <=> Confidence: 100.0%
\{BMW, Fossil\} \rightarrow \{Poco\} \iff Confidence: 100.0\%
{BMW, Fossil} -> {Hermes, ROG} <=> Confidence: 100.0%
{BMW, Fossil} -> {Poco, Hermes} <=> Confidence: 100.0%
{BMW, Fossil} -> {Poco, ROG} <=> Confidence: 100.0%
{BMW, Fossil} -> {Hermes, Poco, ROG} <=> Confidence: 100.0%
{Poco, ROG} -> {Hermes} <=> Confidence: 100.0%
{Poco, ROG} -> {BMW} <=> Confidence: 100.0%
{Poco, ROG} -> {Fossil} <=> Confidence: 100.0%
{Poco, ROG} -> {BMW, Hermes} <=> Confidence: 100.0%
{Poco, ROG} -> {Hermes, Fossil} <=> Confidence: 100.0%
{Poco, ROG} -> {BMW, Fossil} <=> Confidence: 100.0%
{Poco, ROG} -> {Hermes, BMW, Fossil} <=> Confidence: 100.0%
{ROG, Fossil} -> {Hermes} <=> Confidence: 100.0%
{ROG, Fossil} -> {BMW} <=> Confidence: 100.0%
{ROG, Fossil} -> {Poco} <=> Confidence: 100.0%
{ROG, Fossil} -> {BMW, Hermes} <=> Confidence: 100.0%
{ROG, Fossil} -> {Poco, Hermes} <=> Confidence: 100.0%
{ROG, Fossil} -> {BMW, Poco} <=> Confidence: 100.0%
{ROG, Fossil} -> {Hermes, BMW, Poco} <=> Confidence: 100.0%
{MG, Casio} -> {Hermes} <=> Confidence: 50.0%
{MG, Casio} -> {Kia} <=> Confidence: 50.0%
{MG, Casio} -> {Dior} <=> Confidence: 50.0%
{MG, Casio} -> {Microsoft} <=> Confidence: 50.0%
{MG, Casio} -> {Fossil} <=> Confidence: 50.0%
{MG, Casio} -> {Chanel} <=> Confidence: 50.0%
{MG, Casio} -> {Dominos} <=> Confidence: 50.0%
{MG, Casio} -> {Hermes, Fossil} <=> Confidence: 50.0%
{MG, Casio} -> {Hermes, Chanel} <=> Confidence: 50.0%
{MG, Casio} -> {Kia, Dior} <=> Confidence: 50.0%
{MG, Casio} -> {Kia, Microsoft} <=> Confidence: 50.0%
```

```
{MG, Casio} -> {Dominos, Kia} <=> Confidence: 50.0%
{MG, Casio} -> {Dior, Microsoft} <=> Confidence: 50.0%
{MG, Casio} -> {Dominos, Dior} <=> Confidence: 50.0%
{MG, Casio} -> {Dominos, Microsoft} <=> Confidence: 50.0%
{MG, Casio} -> {Chanel, Fossil} <=> Confidence: 50.0%
{Hermes, Casio} -> {MG} <=> Confidence: 100.0%
{Hermes, Casio} -> {Fossil} <=> Confidence: 100.0%
{Hermes, Casio} -> {Chanel} <=> Confidence: 100.0%
{Hermes, Casio} -> {MG, Fossil} <=> Confidence: 100.0%
{Hermes, Casio} -> {MG, Chanel} <=> Confidence: 100.0%
{Hermes, Casio} -> {Chanel, Fossil} <=> Confidence: 100.0%
{Hermes, Casio} -> {Chanel, MG, Fossil} <=> Confidence: 100.0%
{Casio, Fossil} -> {Hermes} <=> Confidence: 100.0%
\{Casio, Fossil\} \rightarrow \{MG\} \iff Confidence: 100.0\%
{Casio, Fossil} -> {Chanel} <=> Confidence: 100.0%
{Casio, Fossil} -> {MG, Hermes} <=> Confidence: 100.0%
{Casio, Fossil} -> {Hermes, Chanel} <=> Confidence: 100.0%
{Casio, Fossil} -> {MG, Chanel} <=> Confidence: 100.0%
{Casio, Fossil} -> {Hermes, Chanel, MG} <=> Confidence: 100.0%
{Hermes, Chanel} -> {Casio} <=> Confidence: 100.0%
\{Hermes, Chanel\} \rightarrow \{MG\} \iff Confidence: 100.0\%
{Hermes, Chanel} -> {Fossil} <=> Confidence: 100.0%
{Hermes, Chanel} -> {MG, Casio} <=> Confidence: 100.0%
{Hermes, Chanel} -> {Casio, Fossil} <=> Confidence: 100.0%
{Hermes, Chanel} -> {MG, Fossil} <=> Confidence: 100.0%
{Hermes, Chanel} -> {Casio, MG, Fossil} <=> Confidence: 100.0%
{Casio, Chanel} -> {Hermes} <=> Confidence: 100.0%
{Casio, Chanel} \rightarrow {MG} \iff Confidence: 100.0%
{Casio, Chanel} -> {Fossil} <=> Confidence: 100.0%
{Casio, Chanel} -> {MG, Hermes} <=> Confidence: 100.0%
{Casio, Chanel} -> {Hermes, Fossil} <=> Confidence: 100.0%
{Casio, Chanel} -> {MG, Fossil} <=> Confidence: 100.0%
{Casio, Chanel} -> {Hermes, MG, Fossil} <=> Confidence: 100.0%
\{MG, Fossil\} \rightarrow \{Hermes\} \iff Confidence: 100.0\%
{MG, Fossil} -> {Tata} <=> Confidence: 50.0%
{MG, Fossil} -> {Casio} <=> Confidence: 50.0%
{MG, Fossil} -> {Chanel} <=> Confidence: 50.0%
{MG, Fossil} -> {Hermes, Tata} <=> Confidence: 50.0%
{MG, Fossil} -> {Hermes, Casio} <=> Confidence: 50.0%
{MG, Fossil} -> {Hermes, Chanel} <=> Confidence: 50.0%
{MG, Fossil} -> {Casio, Chanel} <=> Confidence: 50.0%
{MG, Fossil} -> {Hermes, Casio, Chanel} <=> Confidence: 50.0%
{MG, Chanel} -> {Hermes} <=> Confidence: 100.0%
{MG, Chanel} -> {Casio} <=> Confidence: 100.0%
{MG, Chanel} -> {Fossil} <=> Confidence: 100.0%
{MG, Chanel} -> {Hermes, Casio} <=> Confidence: 100.0%
```

```
{MG, Chanel} -> {Hermes, Fossil} <=> Confidence: 100.0%
{MG, Chanel} -> {Casio, Fossil} <=> Confidence: 100.0%
{Poco, Fossil} -> {Hermes} <=> Confidence: 100.0%
{Poco, Fossil} -> {BMW} <=> Confidence: 100.0%
{Poco, Fossil} -> {ROG} <=> Confidence: 100.0%
{Poco, Fossil} -> {Hermes, ROG} <=> Confidence: 100.0%
{Poco, Fossil} -> {BMW, Hermes} <=> Confidence: 100.0%
{Poco, Fossil} -> {BMW, ROG} <=> Confidence: 100.0%
{Poco, Fossil} -> {Hermes, BMW, ROG} <=> Confidence: 100.0%
{Chanel, Fossil} -> {Hermes} <=> Confidence: 100.0%
{Chanel, Fossil} -> {Casio} <=> Confidence: 100.0%
\{Chanel, Fossil\} \rightarrow \{MG\} \iff Confidence: 100.0\%
{Chanel, Fossil} -> {Hermes, Casio} <=> Confidence: 100.0%
{Chanel, Fossil} -> {MG, Hermes} <=> Confidence: 100.0%
{Chanel, Fossil} -> {MG, Casio} <=> Confidence: 100.0%
{Chanel, Fossil} -> {Hermes, Casio, MG} <=> Confidence: 100.0%
{Omega, Oppo} -> {Tata} <=> Confidence: 100.0%
{Omega, Oppo} -> {Pagani} <=> Confidence: 100.0%
{Omega, Oppo} -> {Puma} <=> Confidence: 100.0%
{Omega, Oppo} -> {Chipotle} <=> Confidence: 100.0%
{Omega, Oppo} -> {Pagani, Tata} <=> Confidence: 100.0%
{Omega, Oppo} -> {Puma, Tata} <=> Confidence: 100.0%
{Omega, Oppo} -> {Chipotle, Tata} <=> Confidence: 100.0%
{Omega, Oppo} -> {Puma, Pagani} <=> Confidence: 100.0%
{Omega, Oppo} -> {Pagani, Chipotle} <=> Confidence: 100.0%
{Omega, Oppo} -> {Puma, Chipotle} <=> Confidence: 100.0%
{Omega, Tata} -> {Oppo} <=> Confidence: 100.0%
{Omega, Tata} -> {Pagani} <=> Confidence: 100.0%
{Omega, Tata} -> {Puma} <=> Confidence: 100.0%
{Omega, Tata} -> {Chipotle} <=> Confidence: 100.0%
{Omega, Tata} -> {Pagani, Oppo} <=> Confidence: 100.0%
{Omega, Tata} -> {Puma, Oppo} <=> Confidence: 100.0%
{Omega, Tata} -> {Chipotle, Oppo} <=> Confidence: 100.0%
{Omega, Tata} -> {Puma, Pagani} <=> Confidence: 100.0%
{Omega, Tata} -> {Pagani, Chipotle} <=> Confidence: 100.0%
{Omega, Tata} -> {Puma, Chipotle} <=> Confidence: 100.0%
{Pagani, Oppo} -> {Tata} <=> Confidence: 100.0%
{Pagani, Oppo} -> {Omega} <=> Confidence: 100.0%
{Pagani, Oppo} -> {Puma} <=> Confidence: 100.0%
{Pagani, Oppo} -> {Chipotle} <=> Confidence: 100.0%
{Pagani, Oppo} -> {Omega, Tata} <=> Confidence: 100.0%
{Pagani, Oppo} -> {Puma, Tata} <=> Confidence: 100.0%
{Pagani, Oppo} -> {Chipotle, Tata} <=> Confidence: 100.0%
{Pagani, Oppo} -> {Puma, Omega} <=> Confidence: 100.0%
{Pagani, Oppo} -> {Omega, Chipotle} <=> Confidence: 100.0%
{Pagani, Oppo} -> {Puma, Chipotle} <=> Confidence: 100.0%
```

```
{Pagani, Oppo} -> {Tata, Puma, Omega} <=> Confidence: 100.0%
{Pagani, Oppo} -> {Chipotle, Tata, Omega} <=> Confidence: 100.0%
{Pagani, Oppo} -> {Chipotle, Tata, Puma} <=> Confidence: 100.0%
{Pagani, Oppo} -> {Chipotle, Puma, Omega} <=> Confidence: 100.0%
{Pagani, Oppo} -> {Chipotle, Tata, Puma, Omega} <=> Confidence: 100.0%
{Pagani, Tata} -> {Oppo} <=> Confidence: 100.0%
{Pagani, Tata} -> {Omega} <=> Confidence: 100.0%
{Pagani, Tata} -> {Puma} <=> Confidence: 100.0%
{Pagani, Tata} -> {Chipotle} <=> Confidence: 100.0%
{Pagani, Tata} -> {Omega, Oppo} <=> Confidence: 100.0%
{Pagani, Tata} -> {Puma, Oppo} <=> Confidence: 100.0%
{Pagani, Tata} -> {Chipotle, Oppo} <=> Confidence: 100.0%
{Pagani, Tata} -> {Puma, Omega} <=> Confidence: 100.0%
{Pagani, Tata} -> {Omega, Chipotle} <=> Confidence: 100.0%
{Pagani, Tata} -> {Puma, Chipotle} <=> Confidence: 100.0%
{Pagani, Tata} -> {Oppo, Puma, Omega} <=> Confidence: 100.0%
{Pagani, Tata} -> {Chipotle, Oppo, Omega} <=> Confidence: 100.0%
{Pagani, Tata} -> {Chipotle, Oppo, Puma} <=> Confidence: 100.0%
{Pagani, Tata} -> {Chipotle, Puma, Omega} <=> Confidence: 100.0%
{Pagani, Tata} -> {Chipotle, Oppo, Puma, Omega} <=> Confidence: 100.0%
{Puma, Oppo} -> {Tata} <=> Confidence: 100.0%
{Puma, Oppo} -> {Omega} <=> Confidence: 100.0%
{Puma, Oppo} -> {Pagani} <=> Confidence: 100.0%
{Puma, Oppo} -> {Chipotle} <=> Confidence: 100.0%
{Puma, Oppo} -> {Omega, Tata} <=> Confidence: 100.0%
{Puma, Oppo} -> {Pagani, Tata} <=> Confidence: 100.0%
{Puma, Oppo} -> {Chipotle, Tata} <=> Confidence: 100.0%
{Puma, Oppo} -> {Omega, Pagani} <=> Confidence: 100.0%
{Puma, Oppo} -> {Omega, Chipotle} <=> Confidence: 100.0%
{Puma, Oppo} -> {Pagani, Chipotle} <=> Confidence: 100.0%
{Puma, Tata} -> {Oppo} <=> Confidence: 100.0%
{Puma, Tata} -> {Omega} <=> Confidence: 100.0%
{Puma, Tata} -> {Pagani} <=> Confidence: 100.0%
{Puma, Tata} -> {Chipotle} <=> Confidence: 100.0%
{Puma, Tata} -> {Omega, Oppo} <=> Confidence: 100.0%
{Puma, Tata} -> {Pagani, Oppo} <=> Confidence: 100.0%
{Puma, Tata} -> {Chipotle, Oppo} <=> Confidence: 100.0%
{Puma, Tata} -> {Omega, Pagani} <=> Confidence: 100.0%
{Puma, Tata} -> {Omega, Chipotle} <=> Confidence: 100.0%
{Puma, Tata} -> {Pagani, Chipotle} <=> Confidence: 100.0%
{Chipotle, Oppo} -> {Tata} <=> Confidence: 100.0%
{Chipotle, Oppo} -> {Omega} <=> Confidence: 100.0%
{Chipotle, Oppo} -> {Pagani} <=> Confidence: 100.0%
{Chipotle, Oppo} -> {Puma} <=> Confidence: 100.0%
{Chipotle, Oppo} -> {Omega, Tata} <=> Confidence: 100.0%
{Chipotle, Oppo} -> {Pagani, Tata} <=> Confidence: 100.0%
```

```
{Chipotle, Oppo} -> {Puma, Tata} <=> Confidence: 100.0%
{Chipotle, Oppo} -> {Omega, Pagani} <=> Confidence: 100.0%
{Chipotle, Oppo} -> {Puma, Omega} <=> Confidence: 100.0%
{Chipotle, Oppo} -> {Puma, Pagani} <=> Confidence: 100.0%
{Chipotle, Oppo} -> {Pagani, Tata, Omega} <=> Confidence: 100.0%
{Chipotle, Oppo} -> {Tata, Puma, Omega} <=> Confidence: 100.0%
{Chipotle, Oppo} -> {Pagani, Tata, Puma} <=> Confidence: 100.0%
{Chipotle, Oppo} -> {Pagani, Puma, Omega} <=> Confidence: 100.0%
{Chipotle, Oppo} -> {Pagani, Tata, Puma, Omega} <=> Confidence: 100.0%
{Chipotle, Tata} -> {Oppo} <=> Confidence: 100.0%
{Chipotle, Tata} -> {Omega} <=> Confidence: 100.0%
{Chipotle, Tata} -> {Pagani} <=> Confidence: 100.0%
{Chipotle, Tata} -> {Puma} <=> Confidence: 100.0%
{Chipotle, Tata} -> {Omega, Oppo} <=> Confidence: 100.0%
{Chipotle, Tata} -> {Pagani, Oppo} <=> Confidence: 100.0%
{Chipotle, Tata} -> {Puma, Oppo} <=> Confidence: 100.0%
{Chipotle, Tata} -> {Omega, Pagani} <=> Confidence: 100.0%
{Chipotle, Tata} -> {Puma, Omega} <=> Confidence: 100.0%
{Chipotle, Tata} -> {Puma, Pagani} <=> Confidence: 100.0%
{Chipotle, Tata} -> {Pagani, Oppo, Omega} <=> Confidence: 100.0%
{Chipotle, Tata} -> {Oppo, Puma, Omega} <=> Confidence: 100.0%
{Chipotle, Tata} -> {Pagani, Oppo, Puma} <=> Confidence: 100.0%
{Chipotle, Tata} -> {Pagani, Puma, Omega} <=> Confidence: 100.0%
{Chipotle, Tata} -> {Pagani, Oppo, Puma, Omega} <=> Confidence: 100.0%
{KFC, Tata} -> {Swiss} <=> Confidence: 100.0%
{KFC, Tata} -> {Audi, Swiss} <=> Confidence: 100.0%
{KFC, Tata} -> {ZARA, Swiss} <=> Confidence: 100.0%
{KFC, Tata} -> {Adidas, Swiss} <=> Confidence: 100.0%
{KFC, Tata} -> {ZARA, Adidas} <=> Confidence: 100.0%
{Tata, Adidas} -> {ZARA} <=> Confidence: 100.0%
{Tata, Adidas} -> {ZARA, Audi} <=> Confidence: 100.0%
{Tata, Adidas} -> {ZARA, KFC} <=> Confidence: 100.0%
{Omega, Pagani} -> {Tata} <=> Confidence: 100.0%
{Omega, Pagani} -> {Oppo} <=> Confidence: 100.0%
{Omega, Pagani} -> {Puma} <=> Confidence: 100.0%
{Omega, Pagani} -> {Chipotle} <=> Confidence: 100.0%
{Omega, Pagani} -> {Oppo, Tata} <=> Confidence: 100.0%
{Omega, Pagani} -> {Puma, Oppo} <=> Confidence: 100.0%
{Omega, Pagani} -> {Chipotle, Oppo} <=> Confidence: 100.0%
{Omega, Pagani} -> {Puma, Tata} <=> Confidence: 100.0%
{Omega, Pagani} -> {Chipotle, Tata} <=> Confidence: 100.0%
{Omega, Pagani} -> {Puma, Chipotle} <=> Confidence: 100.0%
{Puma, Omega} -> {Tata} <=> Confidence: 100.0%
{Puma, Omega} -> {Oppo} <=> Confidence: 100.0%
{Puma, Omega} -> {Pagani} <=> Confidence: 100.0%
{Puma, Omega} -> {Chipotle} <=> Confidence: 100.0%
```

```
{Puma, Omega} -> {Oppo, Tata} <=> Confidence: 100.0%
{Puma, Omega} -> {Pagani, Oppo} <=> Confidence: 100.0%
{Puma, Omega} -> {Chipotle, Oppo} <=> Confidence: 100.0%
{Puma, Omega} -> {Pagani, Tata} <=> Confidence: 100.0%
{Puma, Omega} -> {Chipotle, Tata} <=> Confidence: 100.0%
{Puma, Omega} -> {Pagani, Chipotle} <=> Confidence: 100.0%
{Puma, Omega} -> {Pagani, Oppo, Tata} <=> Confidence: 100.0%
{Puma, Omega} -> {Chipotle, Oppo, Tata} <=> Confidence: 100.0%
{Puma, Omega} -> {Pagani, Chipotle, Oppo} <=> Confidence: 100.0%
{Puma, Omega} -> {Pagani, Chipotle, Tata} <=> Confidence: 100.0%
{Puma, Omega} -> {Pagani, Chipotle, Oppo, Tata} <=> Confidence: 100.0%
{Omega, Chipotle} -> {Tata} <=> Confidence: 100.0%
{Omega, Chipotle} -> {Oppo} <=> Confidence: 100.0%
{Omega, Chipotle} -> {Pagani} <=> Confidence: 100.0%
{Omega, Chipotle} -> {Puma} <=> Confidence: 100.0%
{Omega, Chipotle} -> {Oppo, Tata} <=> Confidence: 100.0%
{Omega, Chipotle} -> {Pagani, Oppo} <=> Confidence: 100.0%
{Omega, Chipotle} -> {Puma, Oppo} <=> Confidence: 100.0%
{Omega, Chipotle} -> {Pagani, Tata} <=> Confidence: 100.0%
{Omega, Chipotle} -> {Puma, Tata} <=> Confidence: 100.0%
{Omega, Chipotle} -> {Puma, Pagani} <=> Confidence: 100.0%
{Puma, Pagani} -> {Tata} <=> Confidence: 100.0%
{Puma, Pagani} -> {Oppo} <=> Confidence: 100.0%
{Puma, Pagani} -> {Omega} <=> Confidence: 100.0%
{Puma, Pagani} -> {Chipotle} <=> Confidence: 100.0%
{Puma, Pagani} -> {Oppo, Tata} <=> Confidence: 100.0%
{Puma, Pagani} -> {Omega, Oppo} <=> Confidence: 100.0%
{Puma, Pagani} -> {Chipotle, Oppo} <=> Confidence: 100.0%
{Puma, Pagani} -> {Omega, Tata} <=> Confidence: 100.0%
{Puma, Pagani} -> {Chipotle, Tata} <=> Confidence: 100.0%
{Puma, Pagani} -> {Omega, Chipotle} <=> Confidence: 100.0%
{Pagani, Chipotle} -> {Tata} <=> Confidence: 100.0%
{Pagani, Chipotle} -> {Oppo} <=> Confidence: 100.0%
{Pagani, Chipotle} -> {Omega} <=> Confidence: 100.0%
{Pagani, Chipotle} -> {Puma} <=> Confidence: 100.0%
{Pagani, Chipotle} -> {Oppo, Tata} <=> Confidence: 100.0%
{Pagani, Chipotle} -> {Omega, Oppo} <=> Confidence: 100.0%
{Pagani, Chipotle} -> {Puma, Oppo} <=> Confidence: 100.0%
{Pagani, Chipotle} -> {Omega, Tata} <=> Confidence: 100.0%
{Pagani, Chipotle} -> {Puma, Tata} <=> Confidence: 100.0%
{Pagani, Chipotle} -> {Puma, Omega} <=> Confidence: 100.0%
{Pagani, Chipotle} -> {Oppo, Tata, Omega} <=> Confidence: 100.0%
{Pagani, Chipotle} -> {Oppo, Tata, Puma} <=> Confidence: 100.0%
{Pagani, Chipotle} -> {Oppo, Puma, Omega} <=> Confidence: 100.0%
{Pagani, Chipotle} -> {Tata, Puma, Omega} <=> Confidence: 100.0%
{Pagani, Chipotle} -> {Oppo, Tata, Puma, Omega} <=> Confidence: 100.0%
```

```
{Puma, Chipotle} -> {Tata} <=> Confidence: 100.0%
{Puma, Chipotle} -> {Oppo} <=> Confidence: 100.0%
{Puma, Chipotle} -> {Omega} <=> Confidence: 100.0%
{Puma, Chipotle} -> {Pagani} <=> Confidence: 100.0%
{Puma, Chipotle} -> {Oppo, Tata} <=> Confidence: 100.0%
{Puma, Chipotle} -> {Omega, Oppo} <=> Confidence: 100.0%
{Puma, Chipotle} -> {Pagani, Oppo} <=> Confidence: 100.0%
{Puma, Chipotle} -> {Omega, Tata} <=> Confidence: 100.0%
{Puma, Chipotle} -> {Pagani, Tata} <=> Confidence: 100.0%
{Puma, Chipotle} -> {Omega, Pagani} <=> Confidence: 100.0%
{Tesla, BMW} -> {Coach} <=> Confidence: 100.0%
{Tesla, BMW} -> {Chanel} <=> Confidence: 100.0%
{Tesla, BMW} -> {Coach, Chanel} <=> Confidence: 100.0%
{Tesla, Coach} -> {BMW} <=> Confidence: 100.0%
{Tesla, Coach} -> {Chanel} <=> Confidence: 100.0%
{Tesla, Coach} -> {BMW, Chanel} <=> Confidence: 100.0%
{BMW, Coach} -> {Tesla} <=> Confidence: 100.0%
{BMW, Coach} -> {Chanel} <=> Confidence: 100.0%
{BMW, Coach} -> {Tesla, Chanel} <=> Confidence: 100.0%
{Tesla, Chanel} -> {BMW} <=> Confidence: 100.0%
{Tesla, Chanel} -> {Coach} <=> Confidence: 100.0%
{Tesla, Chanel} -> {BMW, Coach} <=> Confidence: 100.0%
{BMW, Chanel} -> {Tesla} <=> Confidence: 100.0%
{BMW, Chanel} -> {Coach} <=> Confidence: 100.0%
{BMW, Chanel} -> {Tesla, Coach} <=> Confidence: 100.0%
{Coach, Chanel} -> {Tesla} <=> Confidence: 100.0%
{Coach, Chanel} -> {BMW} <=> Confidence: 100.0%
{Coach, Chanel} -> {Tesla, BMW} <=> Confidence: 100.0%
{Samsung, ZARA} -> {Tesla} <=> Confidence: 50.0%
{Samsung, ZARA} -> {MG} <=> Confidence: 50.0%
{Samsung, ZARA} -> {Tesla, Bugatti} <=> Confidence: 50.0%
{Samsung, ZARA} -> {Tesla, Dunkin} <=> Confidence: 50.0%
{Dunkin, ZARA} -> {Tesla} <=> Confidence: 100.0%
{Dunkin, ZARA} -> {Tesla, Bugatti} <=> Confidence: 100.0%
{Dunkin, ZARA} -> {Tesla, Samsung} <=> Confidence: 100.0%
{Tesla, Adidas} -> {Samsung} <=> Confidence: 100.0%
{Tesla, Adidas} -> {Hublot} <=> Confidence: 100.0%
{Tesla, Adidas} -> {IOOO} <=> Confidence: 100.0%
{Tesla, Adidas} -> {Samsung, Hublot} <=> Confidence: 100.0%
{Tesla, Adidas} -> {Samsung, IQOO} <=> Confidence: 100.0%
{Tesla, Adidas} -> {Hublot, IQOO} <=> Confidence: 100.0%
{Samsung, Adidas} -> {Tesla} <=> Confidence: 100.0%
{Samsung, Adidas} -> {Hublot} <=> Confidence: 100.0%
{Samsung, Adidas} -> {IQOO} <=> Confidence: 100.0%
{Samsung, Adidas} -> {Tesla, Hublot} <=> Confidence: 100.0%
{Samsung, Adidas} -> {Tesla, IOOO} <=> Confidence: 100.0%
```

```
{Samsung, Adidas} -> {Hublot, IQOO} <=> Confidence: 100.0%
{Tesla, Hublot} -> {Samsung} <=> Confidence: 100.0%
{Tesla, Hublot} -> {Adidas} <=> Confidence: 100.0%
{Tesla, Hublot} -> {IQOO} <=> Confidence: 100.0%
{Tesla, Hublot} -> {Samsung, Adidas} <=> Confidence: 100.0%
{Tesla, Hublot} -> {Samsung, IQOO} <=> Confidence: 100.0%
{Tesla, Hublot} -> {IQOO, Adidas} <=> Confidence: 100.0%
{Tesla, Hublot} -> {Adidas, IQOO, Samsung} <=> Confidence: 100.0%
{Samsung, Hublot} -> {Tesla} <=> Confidence: 100.0%
{Samsung, Hublot} -> {Adidas} <=> Confidence: 100.0%
{Samsung, Hublot} -> {IQOO} <=> Confidence: 100.0%
{Samsung, Hublot} -> {Tesla, Adidas} <=> Confidence: 100.0%
{Samsung, Hublot} -> {Tesla, IQOO} <=> Confidence: 100.0%
{Samsung, Hublot} -> {IQOO, Adidas} <=> Confidence: 100.0%
{Samsung, Hublot} -> {Adidas, Tesla, IQOO} <=> Confidence: 100.0%
{Tesla, IOOO} -> {Samsung} <=> Confidence: 100.0%
{Tesla, IQOO} -> {Adidas} <=> Confidence: 100.0%
{Tesla, IOOO} -> {Hublot} <=> Confidence: 100.0%
{Tesla, IQOO} -> {Samsung, Adidas} <=> Confidence: 100.0%
{Tesla, IQOO} -> {Samsung, Hublot} <=> Confidence: 100.0%
{Tesla, IQOO} -> {Hublot, Adidas} <=> Confidence: 100.0%
{Tesla, IQOO} -> {Adidas, Samsung, Hublot} <=> Confidence: 100.0%
{Samsung, IQOO} -> {Tesla} <=> Confidence: 100.0%
{Samsung, IQOO} -> {Adidas} <=> Confidence: 100.0%
{Samsung, IQOO} -> {Hublot} <=> Confidence: 100.0%
{Samsung, IOOO} -> {Tesla, Adidas} <=> Confidence: 100.0%
{Samsung, IQOO} -> {Tesla, Hublot} <=> Confidence: 100.0%
{Samsung, IQOO} -> {Hublot, Adidas} <=> Confidence: 100.0%
{Hublot, Adidas} -> {Tesla} <=> Confidence: 50.0%
{Hublot, Adidas} -> {MG} <=> Confidence: 50.0%
{Hublot, Adidas} -> {Samsung} <=> Confidence: 50.0%
{Hublot, Adidas} -> {Tesla, Samsung} <=> Confidence: 50.0%
{Hublot, Adidas} -> {Tesla, IQOO} <=> Confidence: 50.0%
{Hublot, Adidas} -> {MG, BMW} <=> Confidence: 50.0%
{Hublot, Adidas} -> {Samsung, IQOO} <=> Confidence: 50.0%
{IQOO, Adidas} -> {Tesla} <=> Confidence: 100.0%
{IQOO, Adidas} -> {Samsung} <=> Confidence: 100.0%
{IOOO, Adidas} -> {Tesla, Samsung} <=> Confidence: 100.0%
{IQOO, Adidas} -> {Tesla, Hublot} <=> Confidence: 100.0%
{IQOO, Adidas} -> {Samsung, Hublot} <=> Confidence: 100.0%
{Hublot, IQOO} -> {Tesla} <=> Confidence: 100.0%
{Hublot, IQOO} -> {Samsung} <=> Confidence: 100.0%
{Hublot, IQOO} -> {Adidas} <=> Confidence: 100.0%
{Hublot, IQOO} -> {Tesla, Samsung} <=> Confidence: 100.0%
{Hublot, IQOO} -> {Tesla, Adidas} <=> Confidence: 100.0%
{Hublot, IOOO} -> {Samsung, Adidas} <=> Confidence: 100.0%
```

```
\{BMW, H\&M\} \rightarrow \{ROG\} \iff Confidence: 100.0\%
{BMW, H&M} -> {Maserati} <=> Confidence: 100.0%
{BMW, H&M} -> {Popeyes} <=> Confidence: 100.0%
{BMW, H&M} -> {Maserati, ROG} <=> Confidence: 100.0%
{BMW, H&M} -> {Popeyes, Maserati} <=> Confidence: 100.0%
{BMW, H&M} -> {Popeyes, ROG} <=> Confidence: 100.0%
{BMW, H&M} -> {Tissot, ROG, Maserati} <=> Confidence: 100.0%
{BMW, H&M} -> {Tissot, Popeves, Maserati} <=> Confidence: 100.0%
{BMW, H&M} -> {Tissot, Popeyes, ROG} <=> Confidence: 100.0%
{BMW, H&M} -> {Popeyes, ROG, Maserati} <=> Confidence: 100.0%
{BMW, H&M} -> {Tissot, ROG, Popeyes, Maserati} <=> Confidence: 100.0%
{BMW, Maserati} -> {H&M} <=> Confidence: 100.0%
{BMW, Maserati} -> {ROG} <=> Confidence: 100.0%
{BMW, Maserati} -> {Popeyes} <=> Confidence: 100.0%
{BMW, Maserati} -> {H&M, ROG} <=> Confidence: 100.0%
{BMW, Maserati} -> {Popeyes, H&M} <=> Confidence: 100.0%
{BMW, Maserati} -> {Popeyes, ROG} <=> Confidence: 100.0%
{BMW, Maserati} -> {Tissot, ROG, H&M} <=> Confidence: 100.0%
{BMW, Maserati} -> {Tissot, Popeyes, H&M} <=> Confidence: 100.0%
{BMW, Maserati} -> {Tissot, Popeyes, ROG} <=> Confidence: 100.0%
{BMW, Maserati} -> {Popeyes, ROG, H&M} <=> Confidence: 100.0%
{BMW, Maserati} -> {Tissot, ROG, Popeyes, H&M} <=> Confidence: 100.0%
{BMW, Popeyes} -> {H&M} <=> Confidence: 100.0%
{BMW, Popeyes} -> {Tissot, H&M, Maserati} <=> Confidence: 100.0%
{BMW, Popeyes} -> {Tissot, ROG, H&M} <=> Confidence: 100.0%
{BMW, Popeyes} -> {Tissot, ROG, Maserati} <=> Confidence: 100.0%
{BMW, Popeyes} -> {ROG, H&M, Maserati} <=> Confidence: 100.0%
{BMW, Popeyes} -> {Tissot, ROG, H&M, Maserati} <=> Confidence: 100.0%
{ROG, Oppo} -> {H&M} <=> Confidence: 100.0%
{ROG, Oppo} -> {H&M, Tata} <=> Confidence: 100.0%
{Popeyes, H&M} -> {ROG} <=> Confidence: 100.0%
{Popeyes, H&M} -> {Maserati} <=> Confidence: 100.0%
{Popeyes, H&M} -> {Tissot, Maserati} <=> Confidence: 100.0%
{Popeves, H&M} -> {Tissot, ROG} <=> Confidence: 100.0%
{Popeyes, H&M} -> {Maserati, ROG} <=> Confidence: 100.0%
{Popeyes, H&M} -> {BMW, Maserati} <=> Confidence: 100.0%
{Popeyes, H&M} -> {BMW, ROG} <=> Confidence: 100.0%
{Popeyes, H&M} -> {Tissot, ROG, Maserati} <=> Confidence: 100.0%
{Popeyes, H&M} -> {Tissot, BMW, Maserati} <=> Confidence: 100.0%
{Popeyes, H&M} -> {Tissot, BMW, ROG} <=> Confidence: 100.0%
{Popeyes, H&M} -> {BMW, ROG, Maserati} <=> Confidence: 100.0%
{Popeyes, H&M} -> {Tissot, BMW, ROG, Maserati} <=> Confidence: 100.0%
{MG, BMW} -> {Adidas} <=> Confidence: 100.0%
{MG, BMW} -> {Hublot} <=> Confidence: 100.0%
{MG, BMW} -> {Hublot, Adidas} <=> Confidence: 100.0%
{MG, Adidas} -> {BMW} <=> Confidence: 100.0%
```

```
{MG, Adidas} -> {Hublot} <=> Confidence: 100.0%
{MG, Adidas} -> {BMW, Hublot} <=> Confidence: 100.0%
{BMW, Adidas} -> {MG} <=> Confidence: 100.0%
{BMW, Adidas} -> {MG, Hublot} <=> Confidence: 100.0%
{MG, Hublot} -> {BMW} <=> Confidence: 100.0%
{MG, Hublot} -> {Adidas} <=> Confidence: 100.0%
{MG, Hublot} -> {BMW, Adidas} <=> Confidence: 100.0%
{BMW, Hublot} -> {MG} <=> Confidence: 100.0%
{BMW, Hublot} -> {Adidas} <=> Confidence: 100.0%
{BMW, Hublot} -> {MG, Adidas} <=> Confidence: 100.0%
{Adidas, BMW} -> {Hublot} <=> Confidence: 100.0%
{Adidas, Hublot} -> {BMW} <=> Confidence: 50.0%
{Adidas, Hublot} -> {IQOO} <=> Confidence: 50.0%
{Adidas, Hublot} -> {Tesla, IQOO, Samsung} <=> Confidence: 50.0%
{Kia, Casio} -> {Maserati} <=> Confidence: 33.33%
{Kia, Casio} -> {MG} <=> Confidence: 33.33%
{Kia, Casio} -> {Dior} <=> Confidence: 100.0%
{Kia, Casio} -> {Microsoft} <=> Confidence: 66.67%
{Kia, Casio} -> {Dominos} <=> Confidence: 33.33%
{Kia, Casio} -> {Vivo} <=> Confidence: 33.33%
{Kia, Casio} -> {Dior, Maserati} <=> Confidence: 33.33%
{Kia, Casio} -> {Vivo, Maserati} <=> Confidence: 33.33%
{Kia, Casio} -> {Dior, Microsoft} <=> Confidence: 66.67%
{Kia, Casio} -> {MG, Dior} <=> Confidence: 33.33%
{Kia, Casio} -> {Vivo, Dior} <=> Confidence: 33.33%
{Kia, Casio} -> {Dominos, Dior} <=> Confidence: 33.33%
{Kia, Casio} -> {MG, Microsoft} <=> Confidence: 33.33%
{Kia, Casio} -> {Dominos, Microsoft} <=> Confidence: 33.33%
{Kia, Casio} -> {MG, Dominos} <=> Confidence: 33.33%
{Kia, Maserati} -> {Casio} <=> Confidence: 100.0%
{Kia, Maserati} -> {Dior} <=> Confidence: 100.0%
{Kia, Maserati} -> {Vivo} <=> Confidence: 100.0%
{Kia, Maserati} -> {Dior, Casio} <=> Confidence: 100.0%
{Kia, Maserati} -> {Vivo, Casio} <=> Confidence: 100.0%
{Kia, Maserati} -> {Vivo, Dior} <=> Confidence: 100.0%
{Kia, Maserati} -> {Casio, Vivo, Dior} <=> Confidence: 100.0%
{Casio, Maserati} -> {Kia} <=> Confidence: 100.0%
{Casio, Maserati} -> {Dior} <=> Confidence: 100.0%
{Casio, Maserati} -> {Vivo} <=> Confidence: 100.0%
{Casio, Maserati} -> {Dior, Kia} <=> Confidence: 100.0%
{Casio, Maserati} -> {Vivo, Kia} <=> Confidence: 100.0%
{Casio, Maserati} -> {Dior, Vivo} <=> Confidence: 100.0%
{Casio, Maserati} -> {Vivo, Dior, Kia} <=> Confidence: 100.0%
{Dior, Casio} -> {Maserati} <=> Confidence: 33.33%
{Dior, Casio} -> {Kia, Maserati} <=> Confidence: 33.33%
{Dior, Casio} -> {Vivo, Maserati} <=> Confidence: 33.33%
```

```
{Dior, Maserati} -> {Casio} <=> Confidence: 100.0%
{Dior, Maserati} -> {Kia} <=> Confidence: 100.0%
{Dior, Maserati} -> {Vivo} <=> Confidence: 100.0%
{Dior, Maserati} -> {Kia, Casio} <=> Confidence: 100.0%
{Dior, Maserati} -> {Vivo, Casio} <=> Confidence: 100.0%
{Dior, Maserati} -> {Vivo, Kia} <=> Confidence: 100.0%
{Dior, Maserati} -> {Casio, Vivo, Kia} <=> Confidence: 100.0%
{Vivo, Casio} -> {Maserati} <=> Confidence: 100.0%
{Vivo, Casio} -> {Kia} <=> Confidence: 100.0%
{Vivo, Casio} -> {Dior} <=> Confidence: 100.0%
{Vivo, Casio} -> {Kia, Maserati} <=> Confidence: 100.0%
{Vivo, Casio} -> {Dior, Maserati} <=> Confidence: 100.0%
{Vivo, Casio} -> {Kia, Dior} <=> Confidence: 100.0%
{Vivo, Maserati} -> {Casio} <=> Confidence: 100.0%
{Vivo, Maserati} -> {Kia} <=> Confidence: 100.0%
{Vivo, Maserati} -> {Dior} <=> Confidence: 100.0%
{Vivo, Maserati} -> {Kia, Casio} <=> Confidence: 100.0%
{Vivo, Maserati} -> {Dior, Casio} <=> Confidence: 100.0%
{Vivo, Maserati} -> {Kia, Dior} <=> Confidence: 100.0%
{Vivo, Maserati} -> {Casio, Dior, Kia} <=> Confidence: 100.0%
{Vivo, Kia} -> {Maserati} <=> Confidence: 100.0%
{Vivo, Kia} -> {Casio} <=> Confidence: 100.0%
{Vivo, Kia} -> {Dior} <=> Confidence: 100.0%
{Vivo, Kia} -> {Casio, Maserati} <=> Confidence: 100.0%
{Vivo, Kia} -> {Dior, Maserati} <=> Confidence: 100.0%
{Vivo, Kia} -> {Casio, Dior} <=> Confidence: 100.0%
{Vivo, Kia} -> {Casio, Dior, Maserati} <=> Confidence: 100.0%
{Vivo, Dior} -> {Maserati} <=> Confidence: 100.0%
{Vivo, Dior} -> {Casio} <=> Confidence: 100.0%
{Vivo, Dior} -> {Kia} <=> Confidence: 100.0%
{Vivo, Dior} -> {Kia, Maserati} <=> Confidence: 100.0%
{Vivo, Dior} -> {Kia, Casio} <=> Confidence: 100.0%
{Vivo, Dior} -> {Casio, Kia, Maserati} <=> Confidence: 100.0%
{MG, Kia} -> {Casio} <=> Confidence: 100.0%
{MG, Kia} -> {Dior} <=> Confidence: 100.0%
{MG, Kia} -> {Microsoft} <=> Confidence: 100.0%
{MG, Kia} -> {Dominos} <=> Confidence: 100.0%
{MG, Kia} -> {Casio, Dior} <=> Confidence: 100.0%
{MG, Kia} -> {Casio, Microsoft} <=> Confidence: 100.0%
{MG, Kia} -> {Dominos, Casio} <=> Confidence: 100.0%
{MG, Kia} -> {Dior, Microsoft} <=> Confidence: 100.0%
{MG, Kia} -> {Dominos, Dior} <=> Confidence: 100.0%
{MG, Kia} -> {Dominos, Microsoft} <=> Confidence: 100.0%
{MG, Kia} -> {Casio, Dior, Microsoft} <=> Confidence: 100.0%
{MG, Kia} -> {Dominos, Casio, Dior} <=> Confidence: 100.0%
{MG, Kia} -> {Dominos, Casio, Microsoft} <=> Confidence: 100.0%
```

```
{MG, Kia} -> {Dominos, Dior, Microsoft} <=> Confidence: 100.0%
{MG, Kia} -> {Dominos, Casio, Dior, Microsoft} <=> Confidence: 100.0%
{MG, Dior} -> {Casio} <=> Confidence: 100.0%
{MG, Dior} -> {Kia} <=> Confidence: 100.0%
{MG, Dior} -> {Microsoft} <=> Confidence: 100.0%
{MG, Dior} -> {Dominos} <=> Confidence: 100.0%
{MG, Dior} -> {Kia, Casio} <=> Confidence: 100.0%
{MG, Dior} -> {Casio, Microsoft} <=> Confidence: 100.0%
{MG, Dior} -> {Dominos, Casio} <=> Confidence: 100.0%
{MG, Dior} -> {Kia, Microsoft} <=> Confidence: 100.0%
{MG, Dior} -> {Dominos, Kia} <=> Confidence: 100.0%
{MG, Dior} -> {Dominos, Microsoft} <=> Confidence: 100.0%
{MG, Microsoft} -> {Casio} <=> Confidence: 100.0%
{MG, Microsoft} -> {Kia} <=> Confidence: 100.0%
{MG, Microsoft} -> {Dior} <=> Confidence: 100.0%
{MG, Microsoft} -> {Dominos} <=> Confidence: 100.0%
{MG, Microsoft} -> {Kia, Casio} <=> Confidence: 100.0%
{MG, Microsoft} -> {Casio, Dior} <=> Confidence: 100.0%
{MG, Microsoft} -> {Dominos, Casio} <=> Confidence: 100.0%
{MG, Microsoft} -> {Kia, Dior} <=> Confidence: 100.0%
{MG, Microsoft} -> {Dominos, Kia} <=> Confidence: 100.0%
{MG, Microsoft} -> {Dominos, Dior} <=> Confidence: 100.0%
{MG, Microsoft} -> {Casio, Dior, Kia} <=> Confidence: 100.0%
{MG, Microsoft} -> {Dominos, Casio, Dior} <=> Confidence: 100.0%
{MG, Microsoft} -> {Dominos, Casio, Kia} <=> Confidence: 100.0%
{MG, Microsoft} -> {Dominos, Dior, Kia} <=> Confidence: 100.0%
{MG, Microsoft} -> {Dominos, Casio, Dior, Kia} <=> Confidence: 100.0%
{MG, Dominos} -> {Casio} <=> Confidence: 100.0%
{MG, Dominos} -> {Kia} <=> Confidence: 100.0%
\{MG, Dominos\} \rightarrow \{Dior\} \iff Confidence: 100.0\%
{MG, Dominos} -> {Microsoft} <=> Confidence: 100.0%
{MG, Dominos} -> {Kia, Casio} <=> Confidence: 100.0%
{MG, Dominos} -> {Casio, Dior} <=> Confidence: 100.0%
{MG, Dominos} -> {Casio, Microsoft} <=> Confidence: 100.0%
{MG, Dominos} -> {Kia, Dior} <=> Confidence: 100.0%
{MG, Dominos} -> {Kia, Microsoft} <=> Confidence: 100.0%
{MG, Dominos} -> {Dior, Microsoft} <=> Confidence: 100.0%
{Dominos, Casio} -> {MG} <=> Confidence: 100.0%
{Dominos, Casio} -> {Kia} <=> Confidence: 100.0%
{Dominos, Casio} -> {Dior} <=> Confidence: 100.0%
{Dominos, Casio} -> {Microsoft} <=> Confidence: 100.0%
{Dominos, Casio} -> {Kia, Dior} <=> Confidence: 100.0%
{Dominos, Casio} -> {Kia, Microsoft} <=> Confidence: 100.0%
{Dominos, Casio} -> {MG, Kia} <=> Confidence: 100.0%
{Dominos, Casio} -> {Dior, Microsoft} <=> Confidence: 100.0%
{Dominos, Casio} -> {MG, Dior} <=> Confidence: 100.0%
```

```
{Dominos, Casio} -> {MG, Microsoft} <=> Confidence: 100.0%
{Dominos, Casio} -> {Dior, MG, Kia} <=> Confidence: 100.0%
{Dominos, Casio} -> {Dior, MG, Microsoft} <=> Confidence: 100.0%
{Dominos, Casio} -> {MG, Microsoft, Kia} <=> Confidence: 100.0%
{Dominos, Casio} -> {Dior, Microsoft, Kia} <=> Confidence: 100.0%
{Dominos, Casio} -> {Dior, MG, Microsoft, Kia} <=> Confidence: 100.0%
{Dominos, Kia} -> {Casio} <=> Confidence: 100.0%
{Dominos, Kia} \rightarrow {MG} \iff Confidence: 100.0%
{Dominos, Kia} -> {Dior} <=> Confidence: 100.0%
{Dominos, Kia} -> {Microsoft} <=> Confidence: 100.0%
{Dominos, Kia} -> {Casio, Dior} <=> Confidence: 100.0%
{Dominos, Kia} -> {Casio, Microsoft} <=> Confidence: 100.0%
{Dominos, Kia} -> {MG, Casio} <=> Confidence: 100.0%
{Dominos, Kia} -> {Dior, Microsoft} <=> Confidence: 100.0%
{Dominos, Kia} -> {MG, Dior} <=> Confidence: 100.0%
{Dominos, Kia} -> {MG, Microsoft} <=> Confidence: 100.0%
{Dominos, Kia} -> {Casio, Dior, MG} <=> Confidence: 100.0%
{Dominos, Kia} -> {Casio, MG, Microsoft} <=> Confidence: 100.0%
{Dominos, Kia} -> {Dior, MG, Microsoft} <=> Confidence: 100.0%
{Dominos, Kia} -> {Casio, Dior, Microsoft} <=> Confidence: 100.0%
{Dominos, Kia} -> {Casio, Dior, MG, Microsoft} <=> Confidence: 100.0%
{Dominos, Dior} -> {Casio} <=> Confidence: 100.0%
\{Dominos, Dior\} \rightarrow \{MG\} \iff Confidence: 100.0\%
{Dominos, Dior} -> {Kia} <=> Confidence: 100.0%
{Dominos, Dior} -> {Microsoft} <=> Confidence: 100.0%
{Dominos, Dior} -> {Kia, Casio} <=> Confidence: 100.0%
{Dominos, Dior} -> {Casio, Microsoft} <=> Confidence: 100.0%
{Dominos, Dior} -> {MG, Casio} <=> Confidence: 100.0%
{Dominos, Dior} -> {Kia, Microsoft} <=> Confidence: 100.0%
{Dominos, Dior} -> {MG, Kia} <=> Confidence: 100.0%
{Dominos, Dior} -> {MG, Microsoft} <=> Confidence: 100.0%
{Dominos, Dior} -> {Casio, MG, Kia} <=> Confidence: 100.0%
{Dominos, Dior} -> {Casio, MG, Microsoft} <=> Confidence: 100.0%
{Dominos, Dior} -> {MG, Microsoft, Kia} <=> Confidence: 100.0%
{Dominos, Dior} -> {Casio, Microsoft, Kia} <=> Confidence: 100.0%
{Dominos, Dior} -> {Casio, MG, Microsoft, Kia} <=> Confidence: 100.0%
{Dominos, Microsoft} -> {Casio} <=> Confidence: 100.0%
{Dominos, Microsoft} -> {MG} <=> Confidence: 100.0%
{Dominos, Microsoft} -> {Kia} <=> Confidence: 100.0%
{Dominos, Microsoft} -> {Dior} <=> Confidence: 100.0%
{Dominos, Microsoft} -> {Kia, Casio} <=> Confidence: 100.0%
{Dominos, Microsoft} -> {Casio, Dior} <=> Confidence: 100.0%
{Dominos, Microsoft} -> {MG, Casio} <=> Confidence: 100.0%
{Dominos, Microsoft} -> {Kia, Dior} <=> Confidence: 100.0%
{Dominos, Microsoft} -> {MG, Kia} <=> Confidence: 100.0%
{Dominos, Microsoft} -> {MG, Dior} <=> Confidence: 100.0%
```

```
{Dominos, Microsoft} -> {Casio, Dior, MG} <=> Confidence: 100.0%
{Dominos, Microsoft} -> {Casio, MG, Kia} <=> Confidence: 100.0%
{Dominos, Microsoft} -> {Dior, MG, Kia} <=> Confidence: 100.0%
{Dominos, Microsoft} -> {Casio, Dior, Kia} <=> Confidence: 100.0%
{Dominos, Microsoft} -> {Casio, Dior, MG, Kia} <=> Confidence: 100.0%
{OnePlus, Poco} -> {Swiss} <=> Confidence: 100.0%
{OnePlus, Poco} -> {ZARA} <=> Confidence: 100.0%
{OnePlus, Poco} -> {ZARA, Swiss} <=> Confidence: 100.0%
{KFC, Adidas} -> {ZARA} <=> Confidence: 100.0%
{KFC, Adidas} -> {ZARA, Audi} <=> Confidence: 100.0%
{KFC, Adidas} -> {ZARA, Tata} <=> Confidence: 100.0%
{Adidas, IQOO} -> {Hublot} <=> Confidence: 100.0%
{Adidas, IQOO} -> {Tesla, Samsung, Hublot} <=> Confidence: 100.0%
{Titan, Tissot, Audi} -> {Bugatti} <=> Confidence: 100.0%
{Titan, Tissot, Audi} -> {GUCCI} <=> Confidence: 100.0%
{Titan, Tissot, Audi} -> {Starbucks} <=> Confidence: 100.0%
{Titan, Tissot, Bugatti} -> {Audi} <=> Confidence: 100.0%
{Titan, Tissot, Bugatti} -> {GUCCI} <=> Confidence: 100.0%
{Titan, Tissot, Bugatti} -> {Starbucks} <=> Confidence: 100.0%
{Titan, Audi, Bugatti} -> {Tissot} <=> Confidence: 100.0%
{Titan, Audi, Bugatti} -> {GUCCI} <=> Confidence: 100.0%
{Titan, Audi, Bugatti} -> {Starbucks} <=> Confidence: 100.0%
{Titan, Audi, Bugatti} -> {Tissot, GUCCI} <=> Confidence: 100.0%
{Titan, Audi, Bugatti} -> {Tissot, Starbucks} <=> Confidence: 100.0%
{Titan, Audi, Bugatti} -> {Starbucks, GUCCI} <=> Confidence: 100.0%
{Titan, Audi, Bugatti} -> {Tissot, Starbucks, GUCCI} <=> Confidence: 100.0%
{Tissot, Audi, Bugatti} -> {Titan} <=> Confidence: 100.0%
{Tissot, Audi, Bugatti} -> {GUCCI} <=> Confidence: 100.0%
{Tissot, Audi, Bugatti} -> {Starbucks} <=> Confidence: 100.0%
{Tissot, Audi, GUCCI} -> {Bugatti} <=> Confidence: 100.0%
{Tissot, Audi, GUCCI} -> {Titan} <=> Confidence: 100.0%
{Tissot, Audi, GUCCI} -> {Starbucks} <=> Confidence: 100.0%
{Tissot, Bugatti, GUCCI} -> {Audi} <=> Confidence: 100.0%
{Tissot, Bugatti, GUCCI} -> {Titan} <=> Confidence: 100.0%
{Tissot, Bugatti, GUCCI} -> {Starbucks} <=> Confidence: 100.0%
{Audi, Bugatti, GUCCI} -> {Tissot} <=> Confidence: 100.0%
{Audi, Bugatti, GUCCI} -> {Titan} <=> Confidence: 100.0%
{Audi, Bugatti, GUCCI} -> {Starbucks} <=> Confidence: 100.0%
{Audi, Bugatti, GUCCI} -> {Titan, Tissot} <=> Confidence: 100.0%
{Audi, Bugatti, GUCCI} -> {Titan, Starbucks} <=> Confidence: 100.0%
{Audi, Bugatti, GUCCI} -> {Tissot, Starbucks} <=> Confidence: 100.0%
{Audi, Bugatti, GUCCI} -> {Titan, Tissot, Starbucks} <=> Confidence: 100.0%
{Starbucks, Tissot, Audi} -> {Bugatti} <=> Confidence: 100.0%
{Starbucks, Tissot, Audi} -> {GUCCI} <=> Confidence: 100.0%
{Starbucks, Tissot, Bugatti} -> {Audi} <=> Confidence: 100.0%
{Starbucks, Audi, Bugatti} -> {Tissot} <=> Confidence: 100.0%
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```
{Starbucks, Audi, Bugatti} -> {GUCCI} <=> Confidence: 100.0%
{Titan, Tissot, GUCCI} -> {Audi} <=> Confidence: 100.0%
{Titan, Tissot, GUCCI} -> {Bugatti} <=> Confidence: 100.0%
{Titan, Tissot, GUCCI} -> {Starbucks} <=> Confidence: 100.0%
{Titan, Tissot, GUCCI} -> {Audi, Bugatti} <=> Confidence: 100.0%
{Titan, Tissot, GUCCI} -> {Audi, Starbucks} <=> Confidence: 100.0%
{Titan, Tissot, GUCCI} -> {Bugatti, Starbucks} <=> Confidence: 100.0%
{Titan, Tissot, GUCCI} -> {Audi, Bugatti, Starbucks} <=> Confidence: 100.0%
{Titan, Audi, GUCCI} -> {Tissot} <=> Confidence: 100.0%
{Titan, Audi, GUCCI} -> {Bugatti} <=> Confidence: 100.0%
{Titan, Audi, GUCCI} -> {Starbucks} <=> Confidence: 100.0%
{Titan, Audi, GUCCI} -> {Bugatti, Tissot} <=> Confidence: 100.0%
{Titan, Audi, GUCCI} -> {Tissot, Starbucks} <=> Confidence: 100.0%
{Titan, Audi, GUCCI} -> {Bugatti, Starbucks} <=> Confidence: 100.0%
{Titan, Audi, GUCCI} -> {Bugatti, Tissot, Starbucks} <=> Confidence: 100.0%
{Titan, Tissot, Starbucks} -> {Audi} <=> Confidence: 100.0%
{Titan, Tissot, Starbucks} -> {Bugatti} <=> Confidence: 100.0%
{Titan, Tissot, Starbucks} -> {GUCCI} <=> Confidence: 100.0%
{Titan, Tissot, Starbucks} -> {Audi, Bugatti} <=> Confidence: 100.0%
{Titan, Tissot, Starbucks} -> {Audi, GUCCI} <=> Confidence: 100.0%
{Titan, Tissot, Starbucks} -> {Bugatti, GUCCI} <=> Confidence: 100.0%
{Titan, Tissot, Starbucks} -> {Audi, Bugatti, GUCCI} <=> Confidence: 100.0%
{Titan, Audi, Starbucks} -> {Tissot} <=> Confidence: 100.0%
{Titan, Audi, Starbucks} -> {Bugatti} <=> Confidence: 100.0%
{Titan, Audi, Starbucks} -> {GUCCI} <=> Confidence: 100.0%
{Titan, Audi, Starbucks} -> {Bugatti, Tissot} <=> Confidence: 100.0%
{Titan, Audi, Starbucks} -> {Tissot, GUCCI} <=> Confidence: 100.0%
{Titan, Audi, Starbucks} -> {Bugatti, GUCCI} <=> Confidence: 100.0%
{Titan, Audi, Starbucks} -> {Bugatti, Tissot, GUCCI} <=> Confidence: 100.0%
{Tissot, Audi, Starbucks} -> {Titan} <=> Confidence: 100.0%
{Starbucks, Tissot, GUCCI} -> {Audi} <=> Confidence: 100.0%
{Starbucks, Audi, GUCCI} -> {Tissot} <=> Confidence: 100.0%
{Starbucks, Audi, GUCCI} -> {Bugatti} <=> Confidence: 100.0%
{Titan, Bugatti, GUCCI} -> {Tissot} <=> Confidence: 100.0%
{Titan, Bugatti, GUCCI} -> {Audi} <=> Confidence: 100.0%
{Titan, Bugatti, GUCCI} -> {Starbucks} <=> Confidence: 100.0%
{Titan, Bugatti, GUCCI} -> {Audi, Tissot} <=> Confidence: 100.0%
{Titan, Bugatti, GUCCI} -> {Tissot, Starbucks} <=> Confidence: 100.0%
{Titan, Bugatti, GUCCI} -> {Audi, Starbucks} <=> Confidence: 100.0%
{Titan, Bugatti, GUCCI} -> {Audi, Tissot, Starbucks} <=> Confidence: 100.0%
{Titan, Starbucks, Bugatti} -> {Tissot} <=> Confidence: 100.0%
{Titan, Starbucks, Bugatti} -> {GUCCI} <=> Confidence: 100.0%
{Tissot, Starbucks, Bugatti} -> {Titan} <=> Confidence: 100.0%
{Tissot, Starbucks, Bugatti} -> {GUCCI} <=> Confidence: 100.0%
{Tissot, Starbucks, GUCCI} -> {Bugatti} <=> Confidence: 100.0%
{Tissot, Starbucks, GUCCI} -> {Titan} <=> Confidence: 100.0%
```

```
{Tissot, Starbucks, GUCCI} -> {Titan, Audi} <=> Confidence: 100.0%
{Tissot, Starbucks, GUCCI} -> {Titan, Bugatti} <=> Confidence: 100.0%
{Tissot, Starbucks, GUCCI} -> {Audi, Bugatti} <=> Confidence: 100.0%
{Tissot, Starbucks, GUCCI} -> {Titan, Audi, Bugatti} <=> Confidence: 100.0%
{Starbucks, Bugatti, GUCCI} -> {Tissot} <=> Confidence: 100.0%
{Starbucks, Bugatti, GUCCI} -> {Audi} <=> Confidence: 100.0%
{Starbucks, Bugatti, GUCCI} -> {Titan} <=> Confidence: 100.0%
{Tesla, Tissot, Hermes} -> {Bugatti} <=> Confidence: 100.0%
{Tesla, Tissot, Hermes} -> {H&M} <=> Confidence: 100.0%
{Tesla, Tissot, Hermes} -> {IHOP} <=> Confidence: 100.0%
{Tesla, Tissot, Bugatti} -> {Hermes} <=> Confidence: 100.0%
{Tesla, Tissot, Bugatti} -> {H&M} <=> Confidence: 100.0%
{Tesla, Tissot, Bugatti} -> {IHOP} <=> Confidence: 100.0%
{Tesla, Hermes, Bugatti} -> {Tissot} <=> Confidence: 100.0%
{Tesla, Hermes, Bugatti} -> {H&M} <=> Confidence: 100.0%
{Tesla, Hermes, Bugatti} -> {IHOP} <=> Confidence: 100.0%
{Tissot, Hermes, Bugatti} -> {Tesla} <=> Confidence: 100.0%
{Tissot, Hermes, Bugatti} -> {H&M} <=> Confidence: 100.0%
{Tissot, Hermes, Bugatti} -> {IHOP} <=> Confidence: 100.0%
{Tissot, Hermes, H&M} -> {Bugatti} <=> Confidence: 100.0%
{Tissot, Hermes, H&M} -> {Tesla} <=> Confidence: 100.0%
{Tissot, Hermes, H\&M} -> {IHOP} <=> Confidence: 100.0%
{Tissot, Bugatti, H&M} -> {Hermes} <=> Confidence: 100.0%
{Tissot, Bugatti, H&M} -> {Tesla} <=> Confidence: 100.0%
{Tissot, Bugatti, H&M} -> {IHOP} <=> Confidence: 100.0%
{Hermes, Bugatti, H&M} -> {Tissot} <=> Confidence: 100.0%
{Hermes, Bugatti, H&M} -> {Tesla} <=> Confidence: 100.0%
{Hermes, Bugatti, H&M} -> {IHOP} <=> Confidence: 100.0%
{Hermes, Bugatti, H&M} -> {Tesla, Tissot} <=> Confidence: 100.0%
{Hermes, Bugatti, H&M} -> {IHOP, Tissot} <=> Confidence: 100.0%
{Hermes, Bugatti, H&M} -> {IHOP, Tesla} <=> Confidence: 100.0%
{Hermes, Bugatti, H&M} -> {IHOP, Tesla, Tissot} <=> Confidence: 100.0%
{Tissot, Hermes, IHOP} -> {Bugatti} <=> Confidence: 100.0%
{Tissot, Hermes, IHOP} -> {Tesla} <=> Confidence: 100.0%
{Tissot, Hermes, IHOP} -> {H&M} <=> Confidence: 100.0%
{Tissot, Bugatti, IHOP} -> {Hermes} <=> Confidence: 100.0%
{Tissot, Bugatti, IHOP} -> {Tesla} <=> Confidence: 100.0%
{Tissot, Bugatti, IHOP} -> {H&M} <=> Confidence: 100.0%
{Hermes, Bugatti, IHOP} -> {Tissot} <=> Confidence: 100.0%
{Hermes, Bugatti, IHOP} -> {Tesla} <=> Confidence: 100.0%
{Hermes, Bugatti, IHOP} -> {H&M} <=> Confidence: 100.0%
{Hermes, Bugatti, IHOP} -> {Tesla, Tissot} <=> Confidence: 100.0%
{Hermes, Bugatti, IHOP} -> {Tissot, H&M} <=> Confidence: 100.0%
{Hermes, Bugatti, IHOP} -> {Tesla, H&M} <=> Confidence: 100.0%
{Hermes, Bugatti, IHOP} -> {Tesla, Tissot, H&M} <=> Confidence: 100.0%
{Tesla, Tissot, H&M} -> {Bugatti} <=> Confidence: 100.0%
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{Tesla, Tissot, H&M} -> {Hermes} <=> Confidence: 100.0%
{Tesla, Tissot, H&M} -> {IHOP} <=> Confidence: 100.0%
{Tesla, Tissot, H&M} -> {Hermes, Bugatti} <=> Confidence: 100.0%
{Tesla, Tissot, H&M} -> {Bugatti, IHOP} <=> Confidence: 100.0%
{Tesla, Tissot, H&M} -> {Hermes, IHOP} <=> Confidence: 100.0%
{Tesla, Tissot, H&M} -> {Hermes, Bugatti, IHOP} <=> Confidence: 100.0%
{Tesla, Bugatti, H&M} -> {Tissot} <=> Confidence: 100.0%
{Tesla, Bugatti, H&M} -> {Hermes} <=> Confidence: 100.0%
{Tesla, Bugatti, H&M} -> {IHOP} <=> Confidence: 100.0%
{Tesla, Tissot, IHOP} -> {Bugatti} <=> Confidence: 100.0%
{Tesla, Tissot, IHOP} -> {Hermes} <=> Confidence: 100.0%
{Tesla, Tissot, IHOP} -> {H&M} <=> Confidence: 100.0%
{Tesla, Bugatti, IHOP} -> {Tissot} <=> Confidence: 100.0%
{Tesla, Bugatti, IHOP} -> {Hermes} <=> Confidence: 100.0%
{Tesla, Bugatti, IHOP} -> {H&M} <=> Confidence: 100.0%
{Tissot, H&M, IHOP} -> {Bugatti} <=> Confidence: 100.0%
{Tissot, H&M, IHOP} -> {Hermes} <=> Confidence: 100.0%
{Bugatti, H&M, IHOP} -> {Tissot} <=> Confidence: 100.0%
{Bugatti, H&M, IHOP} -> {Hermes} <=> Confidence: 100.0%
{Bugatti, H&M, IHOP} -> {Tesla} <=> Confidence: 100.0%
{Tissot, Coach, Bugatti} -> {Oppo} <=> Confidence: 100.0%
{Tissot, Coach, Bugatti} -> {Xiaomi} <=> Confidence: 100.0%
{Tissot, Coach, Bugatti} -> {Maserati} <=> Confidence: 100.0%
{Tissot, Coach, Oppo} -> {Bugatti} <=> Confidence: 100.0%
{Tissot, Coach, Oppo} -> {Xiaomi} <=> Confidence: 100.0%
{Tissot, Coach, Oppo} -> {Maserati} <=> Confidence: 100.0%
{Tissot, Bugatti, Oppo} -> {Coach} <=> Confidence: 100.0%
{Tissot, Bugatti, Oppo} -> {Xiaomi} <=> Confidence: 100.0%
{Tissot, Bugatti, Oppo} -> {Maserati} <=> Confidence: 100.0%
{Coach, Bugatti, Oppo} -> {Tissot} <=> Confidence: 100.0%
{Coach, Bugatti, Oppo} -> {Xiaomi} <=> Confidence: 100.0%
{Coach, Bugatti, Oppo} -> {Maserati} <=> Confidence: 100.0%
{Tissot, Coach, Xiaomi} -> {Bugatti} <=> Confidence: 100.0%
{Tissot, Coach, Xiaomi} -> {Oppo} <=> Confidence: 100.0%
{Tissot, Coach, Xiaomi} -> {Maserati} <=> Confidence: 100.0%
{Tissot, Coach, Xiaomi} -> {Bugatti, Oppo} <=> Confidence: 100.0%
{Tissot, Coach, Xiaomi} -> {Bugatti, Maserati} <=> Confidence: 100.0%
{Tissot, Coach, Xiaomi} -> {Oppo, Maserati} <=> Confidence: 100.0%
{Tissot, Coach, Xiaomi} -> {Bugatti, Oppo, Maserati} <=> Confidence: 100.0%
{Tissot, Bugatti, Xiaomi} -> {Coach} <=> Confidence: 100.0%
{Tissot, Bugatti, Xiaomi} -> {Oppo} <=> Confidence: 100.0%
{Tissot, Bugatti, Xiaomi} -> {Maserati} <=> Confidence: 100.0%
{Coach, Bugatti, Xiaomi} -> {Tissot} <=> Confidence: 100.0%
{Coach, Bugatti, Xiaomi} -> {Oppo} <=> Confidence: 100.0%
{Coach, Bugatti, Xiaomi} -> {Maserati} <=> Confidence: 100.0%
{Tissot, Coach, Maserati} -> {Bugatti} <=> Confidence: 100.0%
```

```
{Tissot, Coach, Maserati} -> {Oppo} <=> Confidence: 100.0%
{Tissot, Coach, Maserati} -> {Xiaomi} <=> Confidence: 100.0%
{Tissot, Coach, Maserati} -> {Bugatti, Oppo} <=> Confidence: 100.0%
{Tissot, Coach, Maserati} -> {Bugatti, Xiaomi} <=> Confidence: 100.0%
{Tissot, Coach, Maserati} -> {Oppo, Xiaomi} <=> Confidence: 100.0%
{Tissot, Coach, Maserati} -> {Bugatti, Oppo, Xiaomi} <=> Confidence: 100.0%
{Tissot, Bugatti, Maserati} -> {Coach} <=> Confidence: 100.0%
{Tissot, Bugatti, Maserati} -> {Oppo} <=> Confidence: 100.0%
{Tissot, Bugatti, Maserati} -> {Xiaomi} <=> Confidence: 100.0%
{Coach, Bugatti, Maserati} -> {Tissot} <=> Confidence: 100.0%
{Coach, Bugatti, Maserati} -> {Oppo} <=> Confidence: 100.0%
{Coach, Bugatti, Maserati} -> {Xiaomi} <=> Confidence: 100.0%
{Tissot, Oppo, Xiaomi} -> {Bugatti} <=> Confidence: 100.0%
{Tissot, Oppo, Xiaomi} -> {Coach} <=> Confidence: 100.0%
{Tissot, Oppo, Xiaomi} -> {Maserati} <=> Confidence: 100.0%
{Bugatti, Oppo, Xiaomi} -> {Tissot} <=> Confidence: 100.0%
{Bugatti, Oppo, Xiaomi} -> {Coach} <=> Confidence: 100.0%
{Bugatti, Oppo, Xiaomi} -> {Maserati} <=> Confidence: 100.0%
{Bugatti, Oppo, Xiaomi} -> {Tissot, Coach} <=> Confidence: 100.0%
{Bugatti, Oppo, Xiaomi} -> {Tissot, Maserati} <=> Confidence: 100.0%
{Bugatti, Oppo, Xiaomi} -> {Coach, Maserati} <=> Confidence: 100.0%
{Bugatti, Oppo, Xiaomi} -> {Tissot, Coach, Maserati} <=> Confidence: 100.0%
{Tissot, Oppo, Maserati} -> {Bugatti} <=> Confidence: 100.0%
{Tissot, Oppo, Maserati} -> {Coach} <=> Confidence: 100.0%
{Tissot, Oppo, Maserati} -> {Xiaomi} <=> Confidence: 100.0%
{Bugatti, Oppo, Maserati} -> {Tissot} <=> Confidence: 100.0%
{Bugatti, Oppo, Maserati} -> {Coach} <=> Confidence: 100.0%
{Bugatti, Oppo, Maserati} -> {Xiaomi} <=> Confidence: 100.0%
{Bugatti, Oppo, Maserati} -> {Tissot, Coach} <=> Confidence: 100.0%
{Bugatti, Oppo, Maserati} -> {Tissot, Xiaomi} <=> Confidence: 100.0%
{Bugatti, Oppo, Maserati} -> {Coach, Xiaomi} <=> Confidence: 100.0%
{Bugatti, Oppo, Maserati} -> {Tissot, Coach, Xiaomi} <=> Confidence: 100.0%
{Tissot, Xiaomi, Maserati} -> {Bugatti} <=> Confidence: 100.0%
{Tissot, Xiaomi, Maserati} -> {Coach} <=> Confidence: 100.0%
{Tissot, Xiaomi, Maserati} -> {Oppo} <=> Confidence: 100.0%
{Bugatti, Xiaomi, Maserati} -> {Tissot} <=> Confidence: 100.0%
{Bugatti, Xiaomi, Maserati} -> {Coach} <=> Confidence: 100.0%
{Bugatti, Xiaomi, Maserati} -> {Oppo} <=> Confidence: 100.0%
{Titan, Starbucks, GUCCI} -> {Tissot} <=> Confidence: 100.0%
{Titan, Starbucks, GUCCI} -> {Bugatti} <=> Confidence: 100.0%
{Titan, Starbucks, GUCCI} -> {Audi, Tissot} <=> Confidence: 100.0%
{Titan, Starbucks, GUCCI} -> {Bugatti, Tissot} <=> Confidence: 100.0%
{Titan, Starbucks, GUCCI} -> {Audi, Bugatti} <=> Confidence: 100.0%
{Titan, Starbucks, GUCCI} -> {Audi, Bugatti, Tissot} <=> Confidence: 100.0%
{Tesla, Hermes, H\&M} -> {Tissot} <=> Confidence: 100.0%
{Tesla, Hermes, H&M} -> {Bugatti} <=> Confidence: 100.0%
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\{\text{Tesla, Hermes, H\&M}\} \rightarrow \{\text{IHOP}\} \iff \text{Confidence: } 100.0\%
{Tesla, Hermes, IHOP} -> {Tissot} <=> Confidence: 100.0%
{Tesla, Hermes, IHOP} -> {Bugatti} <=> Confidence: 100.0%
{Tesla, Hermes, IHOP} -> {H&M} <=> Confidence: 100.0%
{Hermes, H&M, IHOP} -> {Tissot} <=> Confidence: 100.0%
{Hermes, H&M, IHOP} -> {Bugatti} <=> Confidence: 100.0%
{Hermes, H&M, IHOP} -> {Tesla} <=> Confidence: 100.0%
{Tesla, IHOP, H&M} -> {Tissot} <=> Confidence: 100.0%
\{Tissot, IHOP, H\&M\} \rightarrow \{Tesla\} \iff Confidence: 100.0\%
{Tissot, H&M, Oppo} -> {Tata} <=> Confidence: 100.0%
{Tissot, H&M, Oppo} -> {ROG} <=> Confidence: 100.0%
{Tissot, H&M, Tata} -> {Oppo} <=> Confidence: 100.0%
{Tissot, H&M, Tata} -> {ROG} <=> Confidence: 100.0%
{Tissot, Oppo, Tata} -> {H&M} <=> Confidence: 100.0%
\{Tissot, Oppo, Tata\} \rightarrow \{ROG\} \iff Confidence: 100.0\%
{H&M, Oppo, Tata} -> {Tissot} <=> Confidence: 100.0%
{H&M, Oppo, Tata} -> {ROG} <=> Confidence: 100.0%
{Tissot, H&M, ROG} -> {Oppo} <=> Confidence: 50.0%
{Tissot, H&M, ROG} -> {Maserati} <=> Confidence: 50.0%
{Tissot, H&M, ROG} -> {Tata} <=> Confidence: 50.0%
{Tissot, H&M, ROG} -> {BMW} <=> Confidence: 50.0%
\{Tissot, H\&M, ROG\} \rightarrow \{Popeyes\} \iff Confidence: 50.0\%
{Tissot, Oppo, ROG} \rightarrow {H&M} \iff Confidence: 100.0%
{Tissot, Oppo, ROG} -> {Tata} <=> Confidence: 100.0%
{H&M, Oppo, ROG} -> {Tissot} <=> Confidence: 100.0%
{Maserati, ROG} -> {Tissot, H&M} <=> Confidence: 100.0%
{Maserati, ROG} -> {Tissot, BMW} <=> Confidence: 100.0%
{Maserati, ROG} -> {Popeves, Tissot} <=> Confidence: 100.0%
{Maserati, ROG} -> {BMW, H&M} <=> Confidence: 100.0%
{Maserati, ROG} -> {Popeyes, H&M} <=> Confidence: 100.0%
{Maserati, ROG} -> {Popeyes, BMW} <=> Confidence: 100.0%
{Tissot, H&M, Maserati} -> {ROG} <=> Confidence: 100.0%
{Tissot, H&M, Maserati} -> {BMW} <=> Confidence: 100.0%
{Tissot, H&M, Maserati} -> {Popeves} <=> Confidence: 100.0%
{Tissot, H&M, Maserati} -> {BMW, ROG} <=> Confidence: 100.0%
{Tissot, H&M, Maserati} -> {Popeyes, ROG} <=> Confidence: 100.0%
{Tissot, H&M, Maserati} -> {BMW, Popeyes} <=> Confidence: 100.0%
{Tissot, H&M, Maserati} -> {BMW, ROG, Popeyes} <=> Confidence: 100.0%
{Tissot, Maserati, ROG} -> {H&M} <=> Confidence: 100.0%
{Tissot, Maserati, ROG} -> {BMW} <=> Confidence: 100.0%
{Tissot, Maserati, ROG} -> {Popeyes} <=> Confidence: 100.0%
{H&M, Maserati, ROG} -> {Tissot} <=> Confidence: 100.0%
{H&M, Maserati, ROG} -> {BMW} <=> Confidence: 100.0%
{H&M, Maserati, ROG} -> {Popeyes} <=> Confidence: 100.0%
{Tissot, H&M, BMW} -> {Maserati} <=> Confidence: 100.0%
\{Tissot, H\&M, BMW\} -> \{ROG\} \iff Confidence: 100.0\%
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```
\{Tissot, H\&M, BMW\} \rightarrow \{Popeyes\} \iff Confidence: 100.0\%
{Tissot, Maserati, BMW} -> {H&M} <=> Confidence: 100.0%
{Tissot, Maserati, BMW} -> {ROG} <=> Confidence: 100.0%
{Tissot, Maserati, BMW} -> {Popeyes} <=> Confidence: 100.0%
{H&M, Maserati, BMW} -> {Tissot} <=> Confidence: 100.0%
{Popeyes, Tissot, H&M} -> {Maserati} <=> Confidence: 100.0%
{Popeyes, Tissot, H&M} -> {ROG} <=> Confidence: 100.0%
{Popeyes, Tissot, Maserati} -> {H&M} <=> Confidence: 100.0%
{Popeyes, Tissot, Maserati} -> {ROG} <=> Confidence: 100.0%
{Popeyes, Tissot, Maserati} -> {BMW} <=> Confidence: 100.0%
{Popeyes, H&M, Maserati} -> {Tissot} <=> Confidence: 100.0%
{Popeyes, H&M, Maserati} -> {ROG} <=> Confidence: 100.0%
{Popeyes, H&M, Maserati} -> {BMW} <=> Confidence: 100.0%
{Popeyes, H&M, Maserati} -> {Tissot, ROG} <=> Confidence: 100.0%
{Popeyes, H&M, Maserati} -> {Tissot, BMW} <=> Confidence: 100.0%
{Popeves, H&M, Maserati} -> {BMW, ROG} <=> Confidence: 100.0%
{Popeyes, H&M, Maserati} -> {Tissot, BMW, ROG} <=> Confidence: 100.0%
{Tissot, ROG, Tata} -> {H&M} <=> Confidence: 100.0%
{Tissot, ROG, Tata} -> {Oppo} <=> Confidence: 100.0%
{Tissot, ROG, Tata} -> {Oppo, H&M} <=> Confidence: 100.0%
{H&M, ROG, Tata} -> {Tissot} <=> Confidence: 100.0%
{Tissot, ROG, BMW} \rightarrow {H&M} \Longleftrightarrow Confidence: 100.0%
{Tissot, ROG, BMW} -> {Maserati} <=> Confidence: 100.0%
{Tissot, ROG, BMW} -> {Popeyes} <=> Confidence: 100.0%
{H&M, ROG, BMW} -> {Tissot} <=> Confidence: 100.0%
{Popeves, Tissot, ROG} -> {H&M} <=> Confidence: 100.0%
{Popeyes, Tissot, ROG} -> {Maserati} <=> Confidence: 100.0%
{Popeyes, Tissot, ROG} -> {BMW} <=> Confidence: 100.0%
{Popeyes, H&M, ROG} -> {Tissot} <=> Confidence: 100.0%
{Popeyes, H&M, ROG} -> {Maserati} <=> Confidence: 100.0%
{Popeyes, H&M, ROG} -> {BMW} <=> Confidence: 100.0%
{Tissot, H&M, Popeyes} -> {BMW} <=> Confidence: 100.0%
\{Tissot, Popeyes, BMW\} \rightarrow \{H\&M\} \iff Confidence: 100.0\%
\{H\&M, Popeyes, BMW\} \rightarrow \{Tissot\} \iff Confidence: 100.0\%
{Coach, Oppo, Xiaomi} -> {Tissot} <=> Confidence: 100.0%
{Coach, Oppo, Xiaomi} -> {Bugatti} <=> Confidence: 100.0%
{Coach, Oppo, Xiaomi} -> {Maserati} <=> Confidence: 100.0%
{Coach, Oppo, Maserati} -> {Tissot} <=> Confidence: 100.0%
{Coach, Oppo, Maserati} -> {Bugatti} <=> Confidence: 100.0%
{Coach, Oppo, Maserati} -> {Xiaomi} <=> Confidence: 100.0%
{Coach, Xiaomi, Maserati} -> {Tissot} <=> Confidence: 100.0%
{Coach, Xiaomi, Maserati} -> {Bugatti} <=> Confidence: 100.0%
{Coach, Xiaomi, Maserati} -> {Oppo} <=> Confidence: 100.0%
{Oppo, Xiaomi, Maserati} -> {Tissot} <=> Confidence: 100.0%
{Oppo, Xiaomi, Maserati} -> {Bugatti} <=> Confidence: 100.0%
{Oppo, Xiaomi, Maserati} -> {Coach} <=> Confidence: 100.0%
```

```
{Oppo, ROG, Tata} -> {Tissot} <=> Confidence: 100.0%
{Oppo, ROG, Tata} -> {Tissot, H&M} <=> Confidence: 100.0%
{Maserati, ROG, BMW} -> {Tissot} <=> Confidence: 100.0%
{Popeyes, Maserati, ROG} -> {Tissot} <=> Confidence: 100.0%
{Popeyes, Maserati, ROG} -> {H&M} <=> Confidence: 100.0%
{Popeyes, Maserati, ROG} -> {BMW} <=> Confidence: 100.0%
{Popeyes, Tissot, BMW} -> {Maserati} <=> Confidence: 100.0%
{Popeyes, Tissot, BMW} -> {ROG} <=> Confidence: 100.0%
{Popeyes, Maserati, BMW} -> {Tissot} <=> Confidence: 100.0%
{Popeyes, ROG, BMW} -> {Tissot} <=> Confidence: 100.0%
{Bugatti, Starbucks} -> {Titan, Audi} <=> Confidence: 100.0%
{Bugatti, Starbucks} -> {Titan, Audi, Tissot} <=> Confidence: 100.0%
{Bugatti, Starbucks} -> {Titan, Tissot, GUCCI} <=> Confidence: 100.0%
{Bugatti, Starbucks} -> {Titan, Audi, GUCCI} <=> Confidence: 100.0%
{Bugatti, Starbucks} -> {Audi, Tissot, GUCCI} <=> Confidence: 100.0%
{Bugatti, Starbucks} -> {Titan, Audi, Tissot, GUCCI} <=> Confidence: 100.0%
{Titan, Bugatti, Starbucks} -> {Audi} <=> Confidence: 100.0%
{Titan, Bugatti, Starbucks} -> {Audi, Tissot} <=> Confidence: 100.0%
{Titan, Bugatti, Starbucks} -> {Tissot, GUCCI} <=> Confidence: 100.0%
{Titan, Bugatti, Starbucks} -> {Audi, GUCCI} <=> Confidence: 100.0%
{Titan, Bugatti, Starbucks} -> {Audi, Tissot, GUCCI} <=> Confidence: 100.0%
{Audi, Bugatti, Starbucks} -> {Titan} <=> Confidence: 100.0%
{Audi, Bugatti, Starbucks} -> {Titan, Tissot} <=> Confidence: 100.0%
{Audi, Bugatti, Starbucks} -> {Titan, GUCCI} <=> Confidence: 100.0%
{Audi, Bugatti, Starbucks} -> {Tissot, GUCCI} <=> Confidence: 100.0%
{Audi, Bugatti, Starbucks} -> {Titan, Tissot, GUCCI} <=> Confidence: 100.0%
{GUCCI, Starbucks} -> {Titan, Audi} <=> Confidence: 100.0%
{Titan, GUCCI, Starbucks} -> {Audi} <=> Confidence: 100.0%
{Audi, GUCCI, Starbucks} -> {Titan} <=> Confidence: 100.0%
{ZARA, Audi, Tata} -> {Swiss} <=> Confidence: 100.0%
{ZARA, Audi, Tata} -> {Adidas} <=> Confidence: 100.0%
{ZARA, Audi, Tata} -> {KFC} <=> Confidence: 100.0%
{ZARA, Audi, Tata} -> {Adidas, Swiss} <=> Confidence: 100.0%
{ZARA, Audi, Tata} -> {Swiss, KFC} <=> Confidence: 100.0%
{ZARA, Audi, Tata} -> {Adidas, KFC} <=> Confidence: 100.0%
{ZARA, Audi, Tata} -> {Adidas, Swiss, KFC} <=> Confidence: 100.0%
{ZARA, Audi, Swiss} -> {Tata} <=> Confidence: 50.0%
{ZARA, Audi, Swiss} -> {Adidas} <=> Confidence: 50.0%
{ZARA, Audi, Swiss} -> {KFC} <=> Confidence: 50.0%
{ZARA, Audi, Swiss} -> {Poco} <=> Confidence: 50.0%
{ZARA, Audi, Swiss} -> {OnePlus} <=> Confidence: 50.0%
{ZARA, Audi, Swiss} -> {Adidas, Tata} <=> Confidence: 50.0%
{ZARA, Audi, Swiss} -> {Tata, KFC} <=> Confidence: 50.0%
{ZARA, Audi, Swiss} -> {Adidas, KFC} <=> Confidence: 50.0%
{ZARA, Audi, Swiss} -> {Poco, OnePlus} <=> Confidence: 50.0%
{ZARA, Audi, Swiss} -> {Adidas, Tata, KFC} <=> Confidence: 50.0%
```

```
{ZARA, Tata, Swiss} -> {Audi} <=> Confidence: 100.0%
{ZARA, Tata, Swiss} -> {Adidas} <=> Confidence: 100.0%
{ZARA, Tata, Swiss} -> {KFC} <=> Confidence: 100.0%
{Audi, Tata, Swiss} -> {ZARA} <=> Confidence: 100.0%
{Audi, Tata, Swiss} -> {Adidas} <=> Confidence: 100.0%
{Audi, Tata, Swiss} -> {KFC} <=> Confidence: 100.0%
{Adidas, Audi, Tata} -> {Swiss} <=> Confidence: 100.0%
{Adidas, Audi, Tata} -> {KFC} <=> Confidence: 100.0%
{Adidas, Audi, Tata} -> {ZARA, Swiss} <=> Confidence: 100.0%
{Adidas, Audi, Tata} -> {ZARA, KFC} <=> Confidence: 100.0%
{Adidas, Audi, Tata} -> {Swiss, KFC} <=> Confidence: 100.0%
{Adidas, Audi, Tata} -> {ZARA, Swiss, KFC} <=> Confidence: 100.0%
{Adidas, Audi, Swiss} -> {Tata} <=> Confidence: 100.0%
{Adidas, Audi, Swiss} -> {KFC} <=> Confidence: 100.0%
{Adidas, Audi, Swiss} -> {ZARA, Tata} <=> Confidence: 100.0%
{Adidas, Audi, Swiss} -> {Tata, KFC} <=> Confidence: 100.0%
{Adidas, Audi, Swiss} -> {ZARA, KFC} <=> Confidence: 100.0%
{Adidas, Audi, Swiss} -> {ZARA, Tata, KFC} <=> Confidence: 100.0%
{Adidas, Tata, Swiss} -> {Audi} <=> Confidence: 100.0%
{Adidas, Tata, Swiss} -> {ZARA} <=> Confidence: 100.0%
{Adidas, Tata, Swiss} -> {KFC} <=> Confidence: 100.0%
{Audi, KFC, Tata} -> {Swiss} <=> Confidence: 100.0%
{Audi, KFC, Swiss} -> {Tata} <=> Confidence: 100.0%
{Audi, KFC, Swiss} -> {ZARA} <=> Confidence: 100.0%
{Audi, KFC, Swiss} -> {Adidas} <=> Confidence: 100.0%
{KFC, Tata, Swiss} -> {Audi} <=> Confidence: 100.0%
{KFC, Tata, Swiss} -> {ZARA} <=> Confidence: 100.0%
{KFC, Tata, Swiss} -> {Adidas} <=> Confidence: 100.0%
{ZARA, Audi, Adidas} -> {Tata} <=> Confidence: 100.0%
{ZARA, Audi, Adidas} -> {Swiss} <=> Confidence: 100.0%
{ZARA, Audi, Adidas} -> {KFC} <=> Confidence: 100.0%
{ZARA, Tata, Adidas} -> {Audi} <=> Confidence: 100.0%
{ZARA, Tata, Adidas} -> {KFC} <=> Confidence: 100.0%
{Audi, Tata, Adidas} -> {ZARA} <=> Confidence: 100.0%
{ZARA, Audi, KFC} -> {Tata} <=> Confidence: 100.0%
{ZARA, Audi, KFC} -> {Swiss} <=> Confidence: 100.0%
{ZARA, Audi, KFC} -> {Adidas} <=> Confidence: 100.0%
{ZARA, Audi, KFC} -> {Swiss, Tata} <=> Confidence: 100.0%
{ZARA, Audi, KFC} -> {Adidas, Tata} <=> Confidence: 100.0%
{ZARA, Audi, KFC} -> {Adidas, Swiss} <=> Confidence: 100.0%
{ZARA, Audi, KFC} -> {Adidas, Swiss, Tata} <=> Confidence: 100.0%
{ZARA, Tata, KFC} -> {Audi} <=> Confidence: 100.0%
{ZARA, Tata, KFC} -> {Audi, Swiss} <=> Confidence: 100.0%
{ZARA, Tata, KFC} -> {Adidas, Audi} <=> Confidence: 100.0%
{ZARA, Tata, KFC} -> {Adidas, Swiss} <=> Confidence: 100.0%
{ZARA, Tata, KFC} -> {Adidas, Audi, Swiss} <=> Confidence: 100.0%
```

```
{Audi, Tata, KFC} -> {ZARA} <=> Confidence: 100.0%
{Audi, Tata, KFC} -> {Adidas} <=> Confidence: 100.0%
{Audi, Tata, KFC} -> {ZARA, Swiss} <=> Confidence: 100.0%
{Audi, Tata, KFC} -> {ZARA, Adidas} <=> Confidence: 100.0%
{Audi, Tata, KFC} -> {Adidas, Swiss} <=> Confidence: 100.0%
{Audi, Tata, KFC} -> {ZARA, Adidas, Swiss} <=> Confidence: 100.0%
{Adidas, Audi, KFC} -> {Tata} <=> Confidence: 100.0%
{Adidas, Audi, KFC} -> {Swiss} <=> Confidence: 100.0%
{Adidas, Audi, KFC} -> {ZARA, Tata} <=> Confidence: 100.0%
{Adidas, Audi, KFC} -> {Swiss, Tata} <=> Confidence: 100.0%
{Adidas, Audi, KFC} -> {ZARA, Swiss} <=> Confidence: 100.0%
{Adidas, Audi, KFC} -> {ZARA, Swiss, Tata} <=> Confidence: 100.0%
{Adidas, Tata, KFC} -> {Audi} <=> Confidence: 100.0%
{Adidas, Tata, KFC} -> {ZARA, Audi} <=> Confidence: 100.0%
{Adidas, Tata, KFC} -> {Audi, Swiss} <=> Confidence: 100.0%
{Adidas, Tata, KFC} -> {ZARA, Swiss} <=> Confidence: 100.0%
{Adidas, Tata, KFC} -> {ZARA, Audi, Swiss} <=> Confidence: 100.0%
{ZARA, Adidas, Swiss} -> {Audi} <=> Confidence: 100.0%
{ZARA, Adidas, Swiss} -> {Tata} <=> Confidence: 100.0%
{ZARA, Adidas, Swiss} -> {KFC} <=> Confidence: 100.0%
{ZARA, Adidas, Swiss} -> {Audi, Tata} <=> Confidence: 100.0%
{ZARA, Adidas, Swiss} -> {Audi, KFC} <=> Confidence: 100.0%
{ZARA, Adidas, Swiss} -> {Tata, KFC} <=> Confidence: 100.0%
{ZARA, Adidas, Swiss} -> {Audi, Tata, KFC} <=> Confidence: 100.0%
{Audi, Adidas, Swiss} -> {ZARA} <=> Confidence: 100.0%
{ZARA, KFC, Swiss} -> {Audi} <=> Confidence: 100.0%
{ZARA, KFC, Swiss} -> {Tata} <=> Confidence: 100.0%
{ZARA, KFC, Swiss} -> {Adidas} <=> Confidence: 100.0%
{ZARA, Audi, Poco} -> {Swiss} <=> Confidence: 100.0%
{ZARA, Audi, Poco} -> {OnePlus} <=> Confidence: 100.0%
{ZARA, Audi, Poco} -> {Swiss, OnePlus} <=> Confidence: 100.0%
{ZARA, Poco, Swiss} -> {Audi} <=> Confidence: 100.0%
{ZARA, Poco, Swiss} -> {OnePlus} <=> Confidence: 100.0%
{Audi, Poco, Swiss} -> {ZARA} <=> Confidence: 100.0%
{Audi, Poco, Swiss} -> {OnePlus} <=> Confidence: 100.0%
{ZARA, Audi, OnePlus} -> {Swiss} <=> Confidence: 100.0%
{ZARA, Audi, OnePlus} -> {Poco} <=> Confidence: 100.0%
{ZARA, Audi, OnePlus} -> {Swiss, Poco} <=> Confidence: 100.0%
{ZARA, OnePlus, Swiss} -> {Audi} <=> Confidence: 100.0%
{ZARA, OnePlus, Swiss} -> {Poco} <=> Confidence: 100.0%
{Audi, OnePlus, Swiss} -> {ZARA} <=> Confidence: 100.0%
{Audi, OnePlus, Swiss} -> {Poco} <=> Confidence: 100.0%
{Adidas, KFC, Swiss} -> {Audi} <=> Confidence: 100.0%
{Adidas, KFC, Swiss} -> {Tata} <=> Confidence: 100.0%
{Adidas, KFC, Swiss} -> {ZARA} <=> Confidence: 100.0%
{Audi, Poco, OnePlus} -> {Swiss} <=> Confidence: 100.0%
```

```
{Audi, Poco, OnePlus} -> {ZARA} <=> Confidence: 100.0%
{Audi, Poco, OnePlus} -> {ZARA, Swiss} <=> Confidence: 100.0%
{Poco, OnePlus, Swiss} -> {Audi} <=> Confidence: 100.0%
{ZARA, KFC, Adidas} -> {Audi} <=> Confidence: 100.0%
{ZARA, KFC, Adidas} -> {Tata} <=> Confidence: 100.0%
{Audi, KFC, Adidas} -> {ZARA} <=> Confidence: 100.0%
{ZARA, Poco, OnePlus} -> {Audi} <=> Confidence: 100.0%
{ZARA, Poco, OnePlus} -> {Audi, Swiss} <=> Confidence: 100.0%
{Tesla, H&M, IHOP} -> {Bugatti} <=> Confidence: 100.0%
{Tesla, H&M, IHOP} -> {Hermes} <=> Confidence: 100.0%
{Tesla, ZARA, Bugatti} -> {Swiss} <=> Confidence: 100.0%
{Tesla, ZARA, Swiss} -> {Bugatti} <=> Confidence: 100.0%
{Tesla, ZARA, Swiss} -> {Samsung} <=> Confidence: 100.0%
{Tesla, ZARA, Swiss} -> {Dunkin} <=> Confidence: 100.0%
{Tesla, Bugatti, Swiss} -> {ZARA} <=> Confidence: 100.0%
{Tesla, Bugatti, Swiss} -> {Samsung} <=> Confidence: 100.0%
{Tesla, Bugatti, Swiss} -> {Dunkin} <=> Confidence: 100.0%
{ZARA, Bugatti, Swiss} -> {Tesla} <=> Confidence: 50.0%
{ZARA, Bugatti, Swiss} -> {Samsung} <=> Confidence: 100.0%
{ZARA, Bugatti, Swiss} -> {Dunkin} <=> Confidence: 50.0%
{ZARA, Bugatti, Swiss} -> {MG} <=> Confidence: 50.0%
{ZARA, Bugatti, Swiss} -> {Tesla, Samsung} <=> Confidence: 50.0%
{ZARA, Bugatti, Swiss} -> {Tesla, Dunkin} <=> Confidence: 50.0%
{ZARA, Bugatti, Swiss} -> {Samsung, Dunkin} <=> Confidence: 50.0%
{ZARA, Bugatti, Swiss} -> {Samsung, MG} <=> Confidence: 50.0%
{ZARA, Bugatti, Swiss} -> {Tesla, Samsung, Dunkin} <=> Confidence: 50.0%
{Tesla, Samsung, Bugatti} -> {Swiss} <=> Confidence: 100.0%
{Tesla, Samsung, Bugatti} -> {ZARA} <=> Confidence: 100.0%
{Tesla, Samsung, Bugatti} -> {Dunkin} <=> Confidence: 100.0%
{Tesla, Samsung, Swiss} -> {Bugatti} <=> Confidence: 100.0%
{Tesla, Samsung, Swiss} -> {ZARA} <=> Confidence: 100.0%
{Tesla, Samsung, Swiss} -> {Dunkin} <=> Confidence: 100.0%
{Samsung, Bugatti, Swiss} -> {Tesla} <=> Confidence: 50.0%
{Samsung, Bugatti, Swiss} -> {ZARA} <=> Confidence: 100.0%
{Samsung, Bugatti, Swiss} -> {Dunkin} <=> Confidence: 50.0%
{Samsung, Bugatti, Swiss} -> {MG} <=> Confidence: 50.0%
{Tesla, Bugatti, Dunkin} -> {Swiss} <=> Confidence: 100.0%
{Tesla, Bugatti, Dunkin} -> {ZARA} <=> Confidence: 100.0%
{Tesla, Bugatti, Dunkin} -> {Samsung} <=> Confidence: 100.0%
{Tesla, Dunkin, Swiss} -> {Bugatti} <=> Confidence: 100.0%
{Tesla, Dunkin, Swiss} -> {ZARA} <=> Confidence: 100.0%
{Tesla, Dunkin, Swiss} -> {Samsung} <=> Confidence: 100.0%
{Bugatti, Dunkin, Swiss} -> {Tesla} <=> Confidence: 100.0%
{Bugatti, Dunkin, Swiss} -> {ZARA} <=> Confidence: 100.0%
{Bugatti, Dunkin, Swiss} -> {Samsung} <=> Confidence: 100.0%
{Tesla, Samsung, ZARA} -> {Bugatti} <=> Confidence: 100.0%
```

```
{Tesla, Samsung, ZARA} -> {Dunkin} <=> Confidence: 100.0%
{Tesla, Bugatti, ZARA} -> {Samsung} <=> Confidence: 100.0%
{Tesla, Bugatti, ZARA} -> {Dunkin} <=> Confidence: 100.0%
{Samsung, Bugatti, ZARA} -> {Tesla} <=> Confidence: 50.0%
{Tesla, Dunkin, ZARA} -> {Bugatti} <=> Confidence: 100.0%
{Tesla, Dunkin, ZARA} -> {Samsung} <=> Confidence: 100.0%
{Bugatti, Dunkin, ZARA} -> {Tesla} <=> Confidence: 100.0%
{Tesla, Samsung, Dunkin} -> {Bugatti} <=> Confidence: 100.0%
{Tesla, Samsung, Dunkin} -> {Swiss} <=> Confidence: 100.0%
{Tesla, Samsung, Dunkin} -> {ZARA} <=> Confidence: 100.0%
{Tesla, Samsung, Dunkin} -> {ZARA, Bugatti} <=> Confidence: 100.0%
{Tesla, Samsung, Dunkin} -> {Bugatti, Swiss} <=> Confidence: 100.0%
{Tesla, Samsung, Dunkin} -> {ZARA, Swiss} <=> Confidence: 100.0%
{Tesla, Samsung, Dunkin} -> {ZARA, Bugatti, Swiss} <=> Confidence: 100.0%
{Samsung, Bugatti, Dunkin} -> {Tesla} <=> Confidence: 100.0%
{Samsung, Bugatti, Dunkin} -> {Swiss} <=> Confidence: 100.0%
{Samsung, Bugatti, Dunkin} -> {ZARA} <=> Confidence: 100.0%
{Seiko, Omega, Bugatti} -> {H&M} <=> Confidence: 100.0%
{Seiko, Omega, Bugatti} -> {FILA} <=> Confidence: 100.0%
{Seiko, Omega, Bugatti} -> {Wendys} <=> Confidence: 100.0%
{Seiko, Omega, H&M} -> {Bugatti} <=> Confidence: 100.0%
{Seiko, Omega, H&M} -> {FILA} <=> Confidence: 100.0%
{Seiko, Omega, H&M} -> {Wendys} <=> Confidence: 100.0%
{Seiko, Omega, H&M} -> {Bugatti, FILA} <=> Confidence: 100.0%
{Seiko, Omega, H&M} -> {Bugatti, Wendys} <=> Confidence: 100.0%
{Seiko, Omega, H&M} -> {Wendys, FILA} <=> Confidence: 100.0%
{Seiko, Omega, H&M} -> {Bugatti, Wendys, FILA} <=> Confidence: 100.0%
{Seiko, Bugatti, H&M} -> {Omega} <=> Confidence: 100.0%
{Seiko, Bugatti, H&M} -> {FILA} <=> Confidence: 100.0%
{Seiko, Bugatti, H&M} -> {Wendys} <=> Confidence: 100.0%
{Omega, Bugatti, H&M} -> {Seiko} <=> Confidence: 100.0%
{Omega, Bugatti, H&M} -> {FILA} <=> Confidence: 100.0%
{Omega, Bugatti, H&M} -> {Wendys} <=> Confidence: 100.0%
{Omega, Bugatti, FILA} -> {H&M} <=> Confidence: 100.0%
{Omega, Bugatti, FILA} -> {Seiko} <=> Confidence: 100.0%
{Omega, Bugatti, FILA} -> {Wendys} <=> Confidence: 100.0%
{Omega, H&M, FILA} -> {Bugatti} <=> Confidence: 100.0%
{Omega, H&M, FILA} -> {Seiko} <=> Confidence: 100.0%
\{Omega, H\&M, FILA\} \rightarrow \{Wendys\} \iff Confidence: 100.0\%
{Bugatti, H&M, FILA} -> {Omega} <=> Confidence: 100.0%
{Bugatti, H&M, FILA} -> {Seiko} <=> Confidence: 100.0%
{Bugatti, H&M, FILA} -> {Wendys} <=> Confidence: 100.0%
{Omega, Bugatti, Wendys} -> {H&M} <=> Confidence: 100.0%
{Omega, Bugatti, Wendys} -> {Seiko} <=> Confidence: 100.0%
{Omega, Bugatti, Wendys} -> {FILA} <=> Confidence: 100.0%
{Omega, H&M, Wendys} -> {Bugatti} <=> Confidence: 100.0%
```

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{Omega, H&M, Wendys} -> {Seiko} <=> Confidence: 100.0%
{Omega, H&M, Wendys} -> {FILA} <=> Confidence: 100.0%
{Bugatti, H&M, Wendys} -> {Omega} <=> Confidence: 100.0%
{Bugatti, H&M, Wendys} -> {Seiko} <=> Confidence: 100.0%
{Bugatti, H&M, Wendys} -> {FILA} <=> Confidence: 100.0%
{Seiko, Bugatti, FILA} -> {H&M} <=> Confidence: 100.0%
{Seiko, Bugatti, FILA} -> {Omega} <=> Confidence: 100.0%
{Seiko, Bugatti, FILA} -> {Wendys} <=> Confidence: 100.0%
{Seiko, H&M, FILA} -> {Bugatti} <=> Confidence: 100.0%
{Seiko, H&M, FILA} -> {Omega} <=> Confidence: 100.0%
{Seiko, H&M, FILA} -> {Wendys} <=> Confidence: 100.0%
{Seiko, Bugatti, Wendys} -> {H&M} <=> Confidence: 100.0%
{Seiko, Bugatti, Wendys} -> {Omega} <=> Confidence: 100.0%
{Seiko, Bugatti, Wendys} -> {FILA} <=> Confidence: 100.0%
{Seiko, H&M, Wendys} -> {Bugatti} <=> Confidence: 100.0%
{Seiko, H&M, Wendys} -> {Omega} <=> Confidence: 100.0%
{Seiko, H&M, Wendys} -> {FILA} <=> Confidence: 100.0%
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{Bugatti, FILA, Wendys} -> {Omega} <=> Confidence: 100.0%
{Bugatti, FILA, Wendys} -> {Seiko} <=> Confidence: 100.0%
{H&M, FILA, Wendys} -> {Bugatti} <=> Confidence: 100.0%
{H&M, FILA, Wendys} -> {Omega} <=> Confidence: 100.0%
{H&M, FILA, Wendys} -> {Seiko} <=> Confidence: 100.0%
{ZARA, Samsung, Bugatti} -> {Swiss} <=> Confidence: 100.0%
{ZARA, Samsung, Bugatti} -> {Dunkin} <=> Confidence: 50.0%
{ZARA, Samsung, Bugatti} -> {MG} <=> Confidence: 50.0%
{ZARA, Samsung, Swiss} -> {Bugatti} <=> Confidence: 100.0%
{ZARA, Samsung, Swiss} -> {Tesla} <=> Confidence: 50.0%
{ZARA, Samsung, Swiss} -> {Dunkin} <=> Confidence: 50.0%
{ZARA, Samsung, Swiss} -> {MG} <=> Confidence: 50.0%
{ZARA, Bugatti, Dunkin} -> {Swiss} <=> Confidence: 100.0%
{ZARA, Bugatti, Dunkin} -> {Samsung} <=> Confidence: 100.0%
{ZARA, Bugatti, Dunkin} -> {Tesla, Swiss} <=> Confidence: 100.0%
{ZARA, Bugatti, Dunkin} -> {Tesla, Samsung} <=> Confidence: 100.0%
{ZARA, Bugatti, Dunkin} -> {Swiss, Samsung} <=> Confidence: 100.0%
{ZARA, Bugatti, Dunkin} -> {Tesla, Swiss, Samsung} <=> Confidence: 100.0%
{ZARA, Dunkin, Swiss} -> {Bugatti} <=> Confidence: 100.0%
{ZARA, Dunkin, Swiss} -> {Tesla} <=> Confidence: 100.0%
{ZARA, Dunkin, Swiss} -> {Samsung} <=> Confidence: 100.0%
{ZARA, MG} -> {Bugatti, Swiss} <=> Confidence: 100.0%
{ZARA, MG} -> {Samsung, Bugatti} <=> Confidence: 100.0%
{ZARA, MG} -> {Samsung, Swiss} <=> Confidence: 100.0%
{ZARA, MG} -> {Bugatti, Swiss, Samsung} <=> Confidence: 100.0%
{Bugatti, MG} -> {ZARA, Swiss} <=> Confidence: 100.0%
{Bugatti, MG} -> {Samsung, Swiss} <=> Confidence: 100.0%
{Bugatti, MG} -> {ZARA, Samsung} <=> Confidence: 100.0%
```

```
{Bugatti, MG} -> {ZARA, Swiss, Samsung} <=> Confidence: 100.0%
{ZARA, Bugatti, MG} -> {Swiss} <=> Confidence: 100.0%
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{ZARA, Bugatti, MG} -> {Swiss, Samsung} <=> Confidence: 100.0%
{ZARA, MG, Swiss} -> {Bugatti} <=> Confidence: 100.0%
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{Bugatti, MG, Swiss} -> {ZARA} <=> Confidence: 100.0%
{Bugatti, MG, Swiss} -> {Samsung} <=> Confidence: 100.0%
{Samsung, Dunkin, Swiss} -> {Bugatti} <=> Confidence: 100.0%
{Samsung, Dunkin, Swiss} -> {Tesla} <=> Confidence: 100.0%
{Samsung, Dunkin, Swiss} -> {ZARA} <=> Confidence: 100.0%
{Samsung, MG} -> {Bugatti, Swiss} <=> Confidence: 100.0%
{Samsung, MG} -> {ZARA, Bugatti} <=> Confidence: 100.0%
{Samsung, MG} -> {ZARA, Swiss} <=> Confidence: 100.0%
{Samsung, MG} -> {ZARA, Bugatti, Swiss} <=> Confidence: 100.0%
{Samsung, Bugatti, MG} -> {Swiss} <=> Confidence: 100.0%
{Samsung, Bugatti, MG} -> {ZARA} <=> Confidence: 100.0%
{Samsung, MG, Swiss} -> {Bugatti} <=> Confidence: 100.0%
{Samsung, MG, Swiss} -> {ZARA} <=> Confidence: 100.0%
{ZARA, Samsung, Dunkin} -> {Bugatti} <=> Confidence: 100.0%
{ZARA, Samsung, Dunkin} -> {Swiss} <=> Confidence: 100.0%
{ZARA, Samsung, Dunkin} -> {Bugatti, Tesla} <=> Confidence: 100.0%
{ZARA, Samsung, Dunkin} -> {Bugatti, Swiss} <=> Confidence: 100.0%
{ZARA, Samsung, Dunkin} -> {Tesla, Swiss} <=> Confidence: 100.0%
{ZARA, Samsung, Dunkin} -> {Bugatti, Tesla, Swiss} <=> Confidence: 100.0%
{ZARA, Samsung, MG} -> {Bugatti} <=> Confidence: 100.0%
{ZARA, Samsung, MG} -> {Swiss} <=> Confidence: 100.0%
{ZARA, Samsung, MG} -> {Bugatti, Swiss} <=> Confidence: 100.0%
{Seiko, Omega, FILA} -> {Bugatti} <=> Confidence: 100.0%
\{\text{Seiko, Omega, FILA}\} \rightarrow \{\text{H\&M}\} \iff \text{Confidence: } 100.0\%
{Seiko, Omega, FILA} -> {Wendys} <=> Confidence: 100.0%
{Seiko, Omega, Wendys} -> {Bugatti} <=> Confidence: 100.0%
{Seiko, Omega, Wendys} -> {H&M} <=> Confidence: 100.0%
{Seiko, Omega, Wendys} -> {FILA} <=> Confidence: 100.0%
{Omega, FILA, Wendys} -> {Bugatti} <=> Confidence: 100.0%
{Omega, FILA, Wendys} -> {H&M} <=> Confidence: 100.0%
{Omega, FILA, Wendys} -> {Seiko} <=> Confidence: 100.0%
{Seiko, FILA, Wendys} -> {Bugatti} <=> Confidence: 100.0%
{Seiko, FILA, Wendys} -> {H&M} <=> Confidence: 100.0%
{Seiko, FILA, Wendys} -> {Omega} <=> Confidence: 100.0%
{Dior, Kia} -> {Bugatti, Casio} <=> Confidence: 33.33%
{Dior, Kia} -> {Casio, Maserati} <=> Confidence: 33.33%
{Dior, Kia} -> {Bugatti, Casio, Microsoft} <=> Confidence: 33.33%
{Dior, Kia} -> {Casio, Vivo, Maserati} <=> Confidence: 33.33%
{Dior, Kia} -> {Casio, MG, Microsoft} <=> Confidence: 33.33%
{Dior, Kia} -> {Dominos, Casio, MG} <=> Confidence: 33.33%
```

```
{Dior, Kia} -> {Dominos, MG, Microsoft} <=> Confidence: 33.33%
{Dior, Kia} -> {Dominos, Casio, Microsoft} <=> Confidence: 33.33%
{Dior, Kia} -> {Dominos, Casio, MG, Microsoft} <=> Confidence: 33.33%
{Bugatti, Casio, Dior} -> {Kia} <=> Confidence: 100.0%
{Bugatti, Casio, Dior} -> {Microsoft} <=> Confidence: 100.0%
{Bugatti, Casio, Dior} -> {Microsoft, Kia} <=> Confidence: 100.0%
{Bugatti, Casio, Kia} -> {Dior} <=> Confidence: 100.0%
{Bugatti, Casio, Kia} -> {Microsoft} <=> Confidence: 100.0%
{Bugatti, Casio, Kia} -> {Dior, Microsoft} <=> Confidence: 100.0%
{Bugatti, Dior, Kia} -> {Casio} <=> Confidence: 100.0%
{Bugatti, Dior, Kia} -> {Casio, Microsoft} <=> Confidence: 100.0%
{Casio, Dior, Kia} -> {Bugatti} <=> Confidence: 33.33%
{Casio, Dior, Kia} -> {Bugatti, Microsoft} <=> Confidence: 33.33%
{Casio, Dior, Kia} -> {Vivo, Maserati} <=> Confidence: 33.33%
{Casio, Dior, Kia} -> {MG, Microsoft} <=> Confidence: 33.33%
{Casio, Dior, Kia} -> {Dominos, MG} <=> Confidence: 33.33%
{Casio, Dior, Kia} -> {Dominos, Microsoft} <=> Confidence: 33.33%
{Casio, Dior, Kia} -> {Dominos, MG, Microsoft} <=> Confidence: 33.33%
{Bugatti, Casio, Microsoft} -> {Kia} <=> Confidence: 100.0%
{Bugatti, Casio, Microsoft} -> {Dior} <=> Confidence: 100.0%
{Bugatti, Casio, Microsoft} -> {Dior, Kia} <=> Confidence: 100.0%
{Bugatti, Kia, Microsoft} -> {Casio} <=> Confidence: 100.0%
{Bugatti, Kia, Microsoft} -> {Dior} <=> Confidence: 100.0%
{Casio, Kia, Microsoft} -> {Bugatti} <=> Confidence: 50.0%
{Bugatti, Dior, Microsoft} -> {Casio} <=> Confidence: 100.0%
{Bugatti, Dior, Microsoft} -> {Kia} <=> Confidence: 100.0%
{Bugatti, Dior, Microsoft} -> {Casio, Kia} <=> Confidence: 100.0%
{Casio, Dior, Microsoft} -> {Bugatti} <=> Confidence: 50.0%
{Casio, Dior, Microsoft} -> {Kia} <=> Confidence: 100.0%
{Casio, Dior, Microsoft} -> {MG} <=> Confidence: 50.0%
{Casio, Dior, Microsoft} -> {Dominos} <=> Confidence: 50.0%
{Casio, Dior, Microsoft} -> {Bugatti, Kia} <=> Confidence: 50.0%
{Casio, Dior, Microsoft} -> {MG, Kia} <=> Confidence: 50.0%
{Casio, Dior, Microsoft} -> {Dominos, MG} <=> Confidence: 50.0%
{Casio, Dior, Microsoft} -> {Dominos, Kia} <=> Confidence: 50.0%
{Casio, Dior, Microsoft} -> {Dominos, MG, Kia} <=> Confidence: 50.0%
{Bugatti, Kia, Dior} -> {Microsoft} <=> Confidence: 100.0%
{Kia, Dior, Microsoft} -> {Bugatti} <=> Confidence: 50.0%
{Kia, Dior, Microsoft} -> {Casio} <=> Confidence: 100.0%
{Kia, Dior, Microsoft} -> {MG} <=> Confidence: 50.0%
{Kia, Dior, Microsoft} -> {Dominos} <=> Confidence: 50.0%
{MG, Hermes, Tata} -> {Fossil} <=> Confidence: 100.0%
{MG, Hermes, Fossil} -> {Tata} <=> Confidence: 50.0%
{MG, Hermes, Fossil} -> {Casio} <=> Confidence: 50.0%
{MG, Hermes, Fossil} -> {Chanel} <=> Confidence: 50.0%
{MG, Tata, Fossil} -> {Hermes} <=> Confidence: 100.0%
```

```
{Hermes, Tata, Fossil} -> {MG} <=> Confidence: 100.0%
{BMW, Poco, Hermes} -> {ROG} <=> Confidence: 100.0%
{BMW, Poco, Hermes} -> {Fossil} <=> Confidence: 100.0%
{BMW, Poco, ROG} -> {Hermes} <=> Confidence: 100.0%
{BMW, Poco, ROG} -> {Fossil} <=> Confidence: 100.0%
{BMW, Poco, ROG} -> {Hermes, Fossil} <=> Confidence: 100.0%
\{BMW, Hermes, ROG\} \rightarrow \{Poco\} \iff Confidence: 100.0\%
{BMW, Hermes, ROG} -> {Fossil} <=> Confidence: 100.0%
{Poco, Hermes, ROG} -> {BMW} <=> Confidence: 100.0%
{Poco, Hermes, ROG} -> {Fossil} <=> Confidence: 100.0%
{BMW, Hermes, Fossil} -> {ROG} <=> Confidence: 100.0%
{BMW, Hermes, Fossil} -> {Poco} <=> Confidence: 100.0%
{BMW, ROG, Fossil} -> {Hermes} <=> Confidence: 100.0%
{BMW, ROG, Fossil} -> {Poco} <=> Confidence: 100.0%
{BMW, ROG, Fossil} -> {Hermes, Poco} <=> Confidence: 100.0%
{Hermes, ROG, Fossil} -> {BMW} <=> Confidence: 100.0%
{Hermes, ROG, Fossil} -> {Poco} <=> Confidence: 100.0%
{Hermes, ROG, Fossil} -> {BMW, Poco} <=> Confidence: 100.0%
{Poco, Hermes, Fossil} -> {ROG} <=> Confidence: 100.0%
{Poco, Hermes, Fossil} -> {BMW} <=> Confidence: 100.0%
{Poco, ROG, Fossil} -> {Hermes} <=> Confidence: 100.0%
{Poco, ROG, Fossil} -> {BMW} <=> Confidence: 100.0%
{Poco, ROG, Fossil} -> {Hermes, BMW} <=> Confidence: 100.0%
{BMW, Poco, Fossil} -> {Hermes} <=> Confidence: 100.0%
{BMW, Poco, Fossil} -> {ROG} <=> Confidence: 100.0%
{BMW, Poco, Fossil} -> {Hermes, ROG} <=> Confidence: 100.0%
{MG, Hermes, Casio} -> {Fossil} <=> Confidence: 100.0%
{MG, Hermes, Casio} -> {Chanel} <=> Confidence: 100.0%
{MG, Casio, Fossil} -> {Hermes} <=> Confidence: 100.0%
{MG, Casio, Fossil} -> {Chanel} <=> Confidence: 100.0%
{Hermes, Casio, Fossil} -> {MG} <=> Confidence: 100.0%
{Hermes, Casio, Fossil} -> {Chanel} <=> Confidence: 100.0%
{Hermes, Casio, Fossil} -> {Chanel, MG} <=> Confidence: 100.0%
{MG, Hermes, Chanel} -> {Casio} <=> Confidence: 100.0%
{MG, Hermes, Chanel} -> {Fossil} <=> Confidence: 100.0%
{MG, Casio, Chanel} -> {Hermes} <=> Confidence: 100.0%
{MG, Casio, Chanel} -> {Fossil} <=> Confidence: 100.0%
{Hermes, Casio, Chanel} -> {MG} <=> Confidence: 100.0%
{Hermes, Casio, Chanel} -> {Fossil} <=> Confidence: 100.0%
{Hermes, Casio, Chanel} -> {MG, Fossil} <=> Confidence: 100.0%
{Hermes, Chanel, Fossil} -> {Casio} <=> Confidence: 100.0%
{Hermes, Chanel, Fossil} -> {MG} <=> Confidence: 100.0%
{Hermes, Chanel, Fossil} -> {Casio, MG} <=> Confidence: 100.0%
{Casio, Chanel, Fossil} -> {Hermes} <=> Confidence: 100.0%
{Casio, Chanel, Fossil} -> {MG} <=> Confidence: 100.0%
{Casio, Chanel, Fossil} -> {Hermes, MG} <=> Confidence: 100.0%
```

```
{MG, Chanel, Fossil} -> {Hermes} <=> Confidence: 100.0%
{MG, Chanel, Fossil} -> {Casio} <=> Confidence: 100.0%
{Tesla, BMW, Coach} -> {Chanel} <=> Confidence: 100.0%
{Tesla, BMW, Chanel} -> {Coach} <=> Confidence: 100.0%
{Tesla, Coach, Chanel} -> {BMW} <=> Confidence: 100.0%
{BMW, Coach, Chanel} -> {Tesla} <=> Confidence: 100.0%
{Tesla, ZARA, Samsung} -> {Swiss} <=> Confidence: 100.0%
{Tesla, ZARA, Dunkin} -> {Swiss} <=> Confidence: 100.0%
{Samsung, Dunkin, ZARA} -> {Tesla} <=> Confidence: 100.0%
{Tesla, Samsung, Hublot} -> {Adidas} <=> Confidence: 100.0%
{Tesla, Samsung, Hublot} -> {IQOO} <=> Confidence: 100.0%
{Tesla, Samsung, Hublot} -> {Adidas, IQOO} <=> Confidence: 100.0%
{Tesla, Samsung, Adidas} -> {Hublot} <=> Confidence: 100.0%
{Tesla, Samsung, Adidas} -> {IQOO} <=> Confidence: 100.0%
{Tesla, Hublot, Adidas} -> {Samsung} <=> Confidence: 100.0%
{Tesla, Hublot, Adidas} -> {IOOO} <=> Confidence: 100.0%
{Samsung, Hublot, Adidas} -> {Tesla} <=> Confidence: 100.0%
{Samsung, Hublot, Adidas} -> {IQOO} <=> Confidence: 100.0%
{Tesla, Samsung, IQOO} -> {Adidas} <=> Confidence: 100.0%
{Tesla, Samsung, IQOO} -> {Hublot} <=> Confidence: 100.0%
{Tesla, IQOO, Adidas} -> {Samsung} <=> Confidence: 100.0%
{Tesla, IQOO, Adidas} -> {Hublot} <=> Confidence: 100.0%
{Samsung, IQOO, Adidas} -> {Tesla} <=> Confidence: 100.0%
{Samsung, IQOO, Adidas} -> {Hublot} <=> Confidence: 100.0%
{Tesla, Hublot, IQOO} -> {Samsung} <=> Confidence: 100.0%
{Tesla, Hublot, IOOO} -> {Adidas} <=> Confidence: 100.0%
{Samsung, Hublot, IQOO} -> {Tesla} <=> Confidence: 100.0%
{Samsung, Hublot, IQOO} -> {Adidas} <=> Confidence: 100.0%
{Hublot, IQOO, Adidas} -> {Tesla} <=> Confidence: 100.0%
{Hublot, IQOO, Adidas} -> {Samsung} <=> Confidence: 100.0%
{ROG, H&M} -> {Oppo, Tata} <=> Confidence: 50.0%
{ROG, H&M} -> {Oppo, Tissot, Tata} <=> Confidence: 50.0%
{ROG, H&M} -> {Tissot, BMW, Maserati} <=> Confidence: 50.0%
{ROG, H&M} -> {Tissot, Popeyes, Maserati} <=> Confidence: 50.0%
{ROG, H&M} -> {Tissot, BMW, Popeyes} <=> Confidence: 50.0%
{ROG, H&M} -> {BMW, Popeyes, Maserati} <=> Confidence: 50.0%
{ROG, H&M} -> {Tissot, BMW, Popeyes, Maserati} <=> Confidence: 50.0%
{ROG, H&M, Oppo} -> {Tata} <=> Confidence: 100.0%
{ROG, H&M, Tata} -> {Oppo} <=> Confidence: 100.0%
{ROG, Oppo, Tata} -> {H&M} <=> Confidence: 100.0%
{BMW, H&M, Maserati} -> {ROG} <=> Confidence: 100.0%
{BMW, H&M, Maserati} -> {Popeyes} <=> Confidence: 100.0%
{BMW, H&M, Maserati} -> {Tissot, ROG} <=> Confidence: 100.0%
{BMW, H&M, Maserati} -> {Tissot, Popeyes} <=> Confidence: 100.0%
{BMW, H&M, Maserati} -> {Popeyes, ROG} <=> Confidence: 100.0%
{BMW, H&M, Maserati} -> {Tissot, ROG, Popeyes} <=> Confidence: 100.0%
```

```
{BMW, H&M, ROG} -> {Maserati} <=> Confidence: 100.0%
{BMW, H&M, ROG} -> {Popeyes} <=> Confidence: 100.0%
{BMW, Maserati, ROG} -> {H&M} <=> Confidence: 100.0%
{BMW, Maserati, ROG} -> {Popeyes} <=> Confidence: 100.0%
{Popeyes, BMW, H&M} -> {Maserati} <=> Confidence: 100.0%
{Popeyes, BMW, H&M} -> {ROG} <=> Confidence: 100.0%
{Popeyes, BMW, Maserati} -> {H&M} <=> Confidence: 100.0%
{Popeyes, BMW, Maserati} -> {ROG} <=> Confidence: 100.0%
{Popeyes, BMW, ROG} \rightarrow {H&M} \ll Confidence: 100.0%
{Popeyes, BMW, ROG} -> {Maserati} <=> Confidence: 100.0%
{Omega, Pagani, Oppo} -> {Tata} <=> Confidence: 100.0%
{Omega, Pagani, Oppo} -> {Puma} <=> Confidence: 100.0%
{Omega, Pagani, Oppo} -> {Chipotle} <=> Confidence: 100.0%
{Omega, Pagani, Tata} -> {Oppo} <=> Confidence: 100.0%
{Omega, Pagani, Tata} -> {Puma} <=> Confidence: 100.0%
{Omega, Pagani, Tata} -> {Chipotle} <=> Confidence: 100.0%
{Omega, Oppo, Tata} -> {Pagani} <=> Confidence: 100.0%
{Omega, Oppo, Tata} -> {Puma} <=> Confidence: 100.0%
{Omega, Oppo, Tata} -> {Chipotle} <=> Confidence: 100.0%
{Pagani, Oppo, Tata} -> {Omega} <=> Confidence: 100.0%
{Pagani, Oppo, Tata} -> {Puma} <=> Confidence: 100.0%
{Pagani, Oppo, Tata} -> {Chipotle} <=> Confidence: 100.0%
{Pagani, Oppo, Tata} -> {Puma, Omega} <=> Confidence: 100.0%
{Pagani, Oppo, Tata} -> {Chipotle, Omega} <=> Confidence: 100.0%
{Pagani, Oppo, Tata} -> {Chipotle, Puma} <=> Confidence: 100.0%
{Pagani, Oppo, Tata} -> {Chipotle, Puma, Omega} <=> Confidence: 100.0%
{Puma, Omega, Oppo} -> {Tata} <=> Confidence: 100.0%
{Puma, Omega, Oppo} -> {Pagani} <=> Confidence: 100.0%
{Puma, Omega, Oppo} -> {Chipotle} <=> Confidence: 100.0%
{Puma, Omega, Tata} -> {Oppo} <=> Confidence: 100.0%
{Puma, Omega, Tata} -> {Pagani} <=> Confidence: 100.0%
{Puma, Omega, Tata} -> {Chipotle} <=> Confidence: 100.0%
{Puma, Oppo, Tata} -> {Omega} <=> Confidence: 100.0%
{Puma, Oppo, Tata} -> {Pagani} <=> Confidence: 100.0%
{Puma, Oppo, Tata} -> {Chipotle} <=> Confidence: 100.0%
{Omega, Chipotle, Oppo} -> {Tata} <=> Confidence: 100.0%
{Omega, Chipotle, Oppo} -> {Pagani} <=> Confidence: 100.0%
{Omega, Chipotle, Oppo} -> {Puma} <=> Confidence: 100.0%
{Omega, Chipotle, Tata} -> {Oppo} <=> Confidence: 100.0%
{Omega, Chipotle, Tata} -> {Pagani} <=> Confidence: 100.0%
{Omega, Chipotle, Tata} -> {Puma} <=> Confidence: 100.0%
{Chipotle, Oppo, Tata} -> {Omega} <=> Confidence: 100.0%
{Chipotle, Oppo, Tata} -> {Pagani} <=> Confidence: 100.0%
{Chipotle, Oppo, Tata} -> {Puma} <=> Confidence: 100.0%
{Chipotle, Oppo, Tata} -> {Pagani, Omega} <=> Confidence: 100.0%
{Chipotle, Oppo, Tata} -> {Puma, Omega} <=> Confidence: 100.0%
```

```
{Chipotle, Oppo, Tata} -> {Pagani, Puma} <=> Confidence: 100.0%
{Chipotle, Oppo, Tata} -> {Pagani, Puma, Omega} <=> Confidence: 100.0%
{Puma, Pagani, Oppo} -> {Tata} <=> Confidence: 100.0%
{Puma, Pagani, Oppo} -> {Omega} <=> Confidence: 100.0%
{Puma, Pagani, Oppo} -> {Chipotle} <=> Confidence: 100.0%
{Puma, Pagani, Tata} -> {Oppo} <=> Confidence: 100.0%
{Puma, Pagani, Tata} -> {Omega} <=> Confidence: 100.0%
{Puma, Pagani, Tata} -> {Chipotle} <=> Confidence: 100.0%
{Pagani, Chipotle, Oppo} -> {Tata} <=> Confidence: 100.0%
{Pagani, Chipotle, Oppo} -> {Omega} <=> Confidence: 100.0%
{Pagani, Chipotle, Oppo} -> {Puma} <=> Confidence: 100.0%
{Pagani, Chipotle, Oppo} -> {Tata, Omega} <=> Confidence: 100.0%
{Pagani, Chipotle, Oppo} -> {Tata, Puma} <=> Confidence: 100.0%
{Pagani, Chipotle, Oppo} -> {Puma, Omega} <=> Confidence: 100.0%
{Pagani, Chipotle, Oppo} -> {Tata, Puma, Omega} <=> Confidence: 100.0%
{Pagani, Chipotle, Tata} -> {Oppo} <=> Confidence: 100.0%
{Pagani, Chipotle, Tata} -> {Omega} <=> Confidence: 100.0%
{Pagani, Chipotle, Tata} -> {Puma} <=> Confidence: 100.0%
{Pagani, Chipotle, Tata} -> {Oppo, Omega} <=> Confidence: 100.0%
{Pagani, Chipotle, Tata} -> {Oppo, Puma} <=> Confidence: 100.0%
{Pagani, Chipotle, Tata} -> {Puma, Omega} <=> Confidence: 100.0%
{Pagani, Chipotle, Tata} -> {Oppo, Puma, Omega} <=> Confidence: 100.0%
{Puma, Chipotle, Oppo} -> {Tata} <=> Confidence: 100.0%
{Puma, Chipotle, Oppo} -> {Omega} <=> Confidence: 100.0%
{Puma, Chipotle, Oppo} -> {Pagani} <=> Confidence: 100.0%
{Puma, Chipotle, Tata} -> {Oppo} <=> Confidence: 100.0%
{Puma, Chipotle, Tata} -> {Omega} <=> Confidence: 100.0%
{Puma, Chipotle, Tata} -> {Pagani} <=> Confidence: 100.0%
{Puma, Omega, Pagani} -> {Oppo} <=> Confidence: 100.0%
{Puma, Omega, Pagani} -> {Tata} <=> Confidence: 100.0%
{Puma, Omega, Pagani} -> {Chipotle} <=> Confidence: 100.0%
{Omega, Pagani, Chipotle} -> {Oppo} <=> Confidence: 100.0%
{Omega, Pagani, Chipotle} -> {Tata} <=> Confidence: 100.0%
{Omega, Pagani, Chipotle} -> {Puma} <=> Confidence: 100.0%
{Puma, Omega, Chipotle} -> {Oppo} <=> Confidence: 100.0%
{Puma, Omega, Chipotle} -> {Tata} <=> Confidence: 100.0%
{Puma, Omega, Chipotle} -> {Pagani} <=> Confidence: 100.0%
{Puma, Pagani, Chipotle} -> {Oppo} <=> Confidence: 100.0%
{Puma, Pagani, Chipotle} -> {Tata} <=> Confidence: 100.0%
{Puma, Pagani, Chipotle} -> {Omega} <=> Confidence: 100.0%
{Dior, Kia, Casio} -> {Maserati} <=> Confidence: 33.33%
{Dior, Kia, Maserati} -> {Casio} <=> Confidence: 100.0%
{Dior, Kia, Maserati} -> {Casio, Vivo} <=> Confidence: 100.0%
{Dior, Casio, Maserati} -> {Kia} <=> Confidence: 100.0%
{Dior, Casio, Maserati} -> {Vivo} <=> Confidence: 100.0%
{Kia, Casio, Maserati} -> {Dior} <=> Confidence: 100.0%
```

```
{Kia, Casio, Maserati} -> {Vivo} <=> Confidence: 100.0%
{Vivo, Kia, Casio} -> {Maserati} <=> Confidence: 100.0%
{Vivo, Kia, Casio} -> {Dior} <=> Confidence: 100.0%
{Vivo, Kia, Maserati} -> {Casio} <=> Confidence: 100.0%
{Vivo, Kia, Maserati} -> {Dior} <=> Confidence: 100.0%
{Vivo, Kia, Maserati} -> {Casio, Dior} <=> Confidence: 100.0%
{Vivo, Casio, Maserati} -> {Kia} <=> Confidence: 100.0%
{Vivo, Casio, Maserati} -> {Dior} <=> Confidence: 100.0%
{Dior, Vivo} -> {Casio, Maserati} <=> Confidence: 100.0%
{Dior, Vivo, Casio} -> {Maserati} <=> Confidence: 100.0%
{Dior, Vivo, Maserati} -> {Casio} <=> Confidence: 100.0%
{Vivo, Kia, Dior} -> {Maserati} <=> Confidence: 100.0%
{Vivo, Kia, Dior} -> {Casio} <=> Confidence: 100.0%
{Vivo, Dior, Maserati} -> {Kia} <=> Confidence: 100.0%
{Vivo, Dior, Maserati} -> {Casio, Kia} <=> Confidence: 100.0%
{Kia, Dior, Maserati} -> {Vivo} <=> Confidence: 100.0%
{ZARA, Adidas, Tata} -> {Swiss} <=> Confidence: 100.0%
{ZARA, Adidas, Tata} -> {Audi, Swiss} <=> Confidence: 100.0%
{ZARA, Adidas, Tata} -> {Audi, KFC} <=> Confidence: 100.0%
{ZARA, Adidas, Tata} -> {Swiss, KFC} <=> Confidence: 100.0%
{ZARA, Adidas, Tata} -> {Audi, Swiss, KFC} <=> Confidence: 100.0%
{ZARA, KFC, Tata} -> {Swiss} <=> Confidence: 100.0%
{ZARA, KFC, Tata} -> {Adidas} <=> Confidence: 100.0%
{Adidas, KFC, Tata} -> {Swiss} <=> Confidence: 100.0%
{KFC, Tata, Adidas} -> {ZARA} <=> Confidence: 100.0%
{MG, BMW, Hublot} -> {Adidas} <=> Confidence: 100.0%
{MG, BMW, Adidas} -> {Hublot} <=> Confidence: 100.0%
{MG, Hublot, Adidas} -> {BMW} <=> Confidence: 100.0%
{BMW, Hublot, Adidas} -> {MG} <=> Confidence: 100.0%
{ZARA, Adidas, KFC} -> {Swiss} <=> Confidence: 100.0%
{ZARA, Adidas, KFC} -> {Audi, Tata} <=> Confidence: 100.0%
{ZARA, Adidas, KFC} -> {Audi, Swiss} <=> Confidence: 100.0%
{ZARA, Adidas, KFC} -> {Swiss, Tata} <=> Confidence: 100.0%
{ZARA, Adidas, KFC} -> {Audi, Swiss, Tata} <=> Confidence: 100.0%
{ZARA, OnePlus, Poco} -> {Swiss} <=> Confidence: 100.0%
{OnePlus, Poco, Swiss} -> {ZARA} <=> Confidence: 100.0%
{Kia, Casio, Dior} -> {Microsoft} <=> Confidence: 66.67%
{Kia, Casio, Dior} -> {MG} <=> Confidence: 33.33%
{Kia, Casio, Dior} -> {Vivo} <=> Confidence: 33.33%
{Kia, Casio, Dior} -> {Dominos} <=> Confidence: 33.33%
{Kia, Casio, Microsoft} -> {Dior} <=> Confidence: 100.0%
{Kia, Casio, Microsoft} -> {MG} <=> Confidence: 50.0%
{Kia, Casio, Microsoft} -> {Dominos} <=> Confidence: 50.0%
{MG, Kia, Casio} -> {Dior} <=> Confidence: 100.0%
{MG, Kia, Casio} -> {Microsoft} <=> Confidence: 100.0%
{MG, Kia, Casio} -> {Dominos} <=> Confidence: 100.0%
```

```
{MG, Kia, Dior} -> {Casio} <=> Confidence: 100.0%
{MG, Kia, Dior} -> {Microsoft} <=> Confidence: 100.0%
{MG, Kia, Dior} -> {Dominos} <=> Confidence: 100.0%
{MG, Casio, Dior} -> {Kia} <=> Confidence: 100.0%
{MG, Casio, Dior} -> {Microsoft} <=> Confidence: 100.0%
{MG, Casio, Dior} -> {Dominos} <=> Confidence: 100.0%
{Vivo, Casio, Dior} -> {Kia} <=> Confidence: 100.0%
{Dominos, Kia, Casio} -> {Dior} <=> Confidence: 100.0%
{Dominos, Kia, Casio} -> {Microsoft} <=> Confidence: 100.0%
{Dominos, Kia, Casio} -> {MG} <=> Confidence: 100.0%
{Dominos, Kia, Dior} -> {Casio} <=> Confidence: 100.0%
{Dominos, Kia, Dior} -> {Microsoft} <=> Confidence: 100.0%
{Dominos, Kia, Dior} -> {MG} <=> Confidence: 100.0%
{Dominos, Casio, Dior} -> {Kia} <=> Confidence: 100.0%
{Dominos, Casio, Dior} -> {Microsoft} <=> Confidence: 100.0%
{Dominos, Casio, Dior} -> {MG} <=> Confidence: 100.0%
{Dominos, Casio, Dior} -> {MG, Kia} <=> Confidence: 100.0%
{Dominos, Casio, Dior} -> {MG, Microsoft} <=> Confidence: 100.0%
{Dominos, Casio, Dior} -> {Microsoft, Kia} <=> Confidence: 100.0%
{Dominos, Casio, Dior} -> {MG, Microsoft, Kia} <=> Confidence: 100.0%
{MG, Kia, Microsoft} -> {Casio} <=> Confidence: 100.0%
{MG, Kia, Microsoft} -> {Dior} <=> Confidence: 100.0%
{MG, Kia, Microsoft} -> {Dominos} <=> Confidence: 100.0%
{MG, Casio, Microsoft} -> {Kia} <=> Confidence: 100.0%
{MG, Casio, Microsoft} -> {Dior} <=> Confidence: 100.0%
{MG, Casio, Microsoft} -> {Dominos} <=> Confidence: 100.0%
{Dominos, Kia, Microsoft} -> {Casio} <=> Confidence: 100.0%
{Dominos, Kia, Microsoft} -> {Dior} <=> Confidence: 100.0%
{Dominos, Kia, Microsoft} -> {MG} <=> Confidence: 100.0%
{Dominos, Casio, Microsoft} -> {Kia} <=> Confidence: 100.0%
{Dominos, Casio, Microsoft} -> {Dior} <=> Confidence: 100.0%
{Dominos, Casio, Microsoft} -> {MG} <=> Confidence: 100.0%
{Dominos, Casio, Microsoft} -> {Dior, MG} <=> Confidence: 100.0%
{Dominos, Casio, Microsoft} -> {MG, Kia} <=> Confidence: 100.0%
{Dominos, Casio, Microsoft} -> {Dior, Kia} <=> Confidence: 100.0%
{Dominos, Casio, Microsoft} -> {Dior, MG, Kia} <=> Confidence: 100.0%
{MG, Dominos, Kia} -> {Casio} <=> Confidence: 100.0%
{MG, Dominos, Kia} -> {Dior} <=> Confidence: 100.0%
{MG, Dominos, Kia} -> {Microsoft} <=> Confidence: 100.0%
{MG, Dominos, Casio} -> {Kia} <=> Confidence: 100.0%
{MG, Dominos, Casio} -> {Dior} <=> Confidence: 100.0%
{MG, Dominos, Casio} -> {Microsoft} <=> Confidence: 100.0%
{MG, Dior, Microsoft} -> {Casio} <=> Confidence: 100.0%
{MG, Dior, Microsoft} -> {Kia} <=> Confidence: 100.0%
{MG, Dior, Microsoft} -> {Dominos} <=> Confidence: 100.0%
{Dominos, Dior, Microsoft} -> {Casio} <=> Confidence: 100.0%
```

```
{Dominos, Dior, Microsoft} -> {Kia} <=> Confidence: 100.0%
{Dominos, Dior, Microsoft} -> {MG} <=> Confidence: 100.0%
{Dominos, Dior, Microsoft} -> {Casio, MG} <=> Confidence: 100.0%
{Dominos, Dior, Microsoft} -> {MG, Kia} <=> Confidence: 100.0%
{Dominos, Dior, Microsoft} -> {Casio, Kia} <=> Confidence: 100.0%
{Dominos, Dior, Microsoft} -> {Casio, MG, Kia} <=> Confidence: 100.0%
{MG, Dominos, Dior} -> {Casio} <=> Confidence: 100.0%
{MG, Dominos, Dior} -> {Kia} <=> Confidence: 100.0%
{MG, Dominos, Dior} -> {Microsoft} <=> Confidence: 100.0%
{MG, Dominos, Microsoft} -> {Casio} <=> Confidence: 100.0%
{MG, Dominos, Microsoft} -> {Kia} <=> Confidence: 100.0%
{MG, Dominos, Microsoft} -> {Dior} <=> Confidence: 100.0%
{Audi, Tissot} -> {Titan, Bugatti, GUCCI} <=> Confidence: 100.0%
{Audi, Tissot} -> {Titan, Bugatti, Starbucks} <=> Confidence: 100.0%
{Audi, Tissot} -> {Titan, Starbucks, GUCCI} <=> Confidence: 100.0%
{Audi, Tissot} -> {Bugatti, Starbucks, GUCCI} <=> Confidence: 100.0%
{Audi, Tissot} -> {Titan, Bugatti, Starbucks, GUCCI} <=> Confidence: 100.0%
{Bugatti, Tissot} -> {Titan, Audi, GUCCI} <=> Confidence: 33.33%
{Bugatti, Tissot} -> {Titan, Audi, Starbucks} <=> Confidence: 33.33%
{Bugatti, Tissot} -> {Titan, Starbucks, GUCCI} <=> Confidence: 33.33%
{Bugatti, Tissot} -> {Audi, Starbucks, GUCCI} <=> Confidence: 33.33%
{Bugatti, Tissot} -> {Hermes, Tesla, H&M} <=> Confidence: 33.33%
{Bugatti, Tissot} -> {Hermes, IHOP, Tesla} <=> Confidence: 33.33%
{Bugatti, Tissot} -> {IHOP, Tesla, H&M} <=> Confidence: 33.33%
{Bugatti, Tissot} -> {Hermes, IHOP, H&M} <=> Confidence: 33.33%
{Bugatti, Tissot} -> {Oppo, Coach, Xiaomi} <=> Confidence: 33.33%
{Bugatti, Tissot} -> {Oppo, Coach, Maserati} <=> Confidence: 33.33%
{Bugatti, Tissot} -> {Coach, Maserati, Xiaomi} <=> Confidence: 33.33%
{Bugatti, Tissot} -> {Oppo, Maserati, Xiaomi} <=> Confidence: 33.33%
{Bugatti, Tissot} -> {Titan, Audi, Starbucks, GUCCI} <=> Confidence: 33.33%
{Bugatti, Tissot} -> {Hermes, IHOP, Tesla, H&M} <=> Confidence: 33.33%
{Bugatti, Tissot} -> {Oppo, Coach, Maserati, Xiaomi} <=> Confidence: 33.33%
{Titan, Audi, Tissot} -> {Bugatti, GUCCI} <=> Confidence: 100.0%
{Titan, Audi, Tissot} -> {Bugatti, Starbucks} <=> Confidence: 100.0%
{Titan, Audi, Tissot} -> {Starbucks, GUCCI} <=> Confidence: 100.0%
{Titan, Audi, Tissot} -> {Bugatti, Starbucks, GUCCI} <=> Confidence: 100.0%
{Titan, Bugatti, Tissot} -> {Audi, GUCCI} <=> Confidence: 100.0%
{Titan, Bugatti, Tissot} -> {Audi, Starbucks} <=> Confidence: 100.0%
{Titan, Bugatti, Tissot} -> {Starbucks, GUCCI} <=> Confidence: 100.0%
{Titan, Bugatti, Tissot} -> {Audi, Starbucks, GUCCI} <=> Confidence: 100.0%
{Audi, Bugatti, Tissot} -> {Titan, GUCCI} <=> Confidence: 100.0%
{Audi, Bugatti, Tissot} -> {Titan, Starbucks} <=> Confidence: 100.0%
{Audi, Bugatti, Tissot} -> {Starbucks, GUCCI} <=> Confidence: 100.0%
{Audi, Bugatti, Tissot} -> {Titan, Starbucks, GUCCI} <=> Confidence: 100.0%
{Audi, Tissot, GUCCI} -> {Titan, Bugatti} <=> Confidence: 100.0%
{Audi, Tissot, GUCCI} -> {Titan, Starbucks} <=> Confidence: 100.0%
```

```
{Audi, Tissot, GUCCI} -> {Bugatti, Starbucks} <=> Confidence: 100.0%
{Audi, Tissot, GUCCI} -> {Titan, Bugatti, Starbucks} <=> Confidence: 100.0%
{Bugatti, Tissot, GUCCI} -> {Titan, Audi} <=> Confidence: 100.0%
{Bugatti, Tissot, GUCCI} -> {Titan, Starbucks} <=> Confidence: 100.0%
{Bugatti, Tissot, GUCCI} -> {Audi, Starbucks} <=> Confidence: 100.0%
{Bugatti, Tissot, GUCCI} -> {Titan, Audi, Starbucks} <=> Confidence: 100.0%
{Titan, Audi, Bugatti, Tissot} -> {GUCCI} <=> Confidence: 100.0%
{Titan, Audi, Bugatti, Tissot} -> {Starbucks} <=> Confidence: 100.0%
{Titan, Audi, Bugatti, Tissot} -> {Starbucks, GUCCI} <=> Confidence: 100.0%
{Titan, Audi, Bugatti, GUCCI} -> {Tissot} <=> Confidence: 100.0%
{Titan, Audi, Bugatti, GUCCI} -> {Starbucks} <=> Confidence: 100.0%
{Titan, Audi, Bugatti, GUCCI} -> {Tissot, Starbucks} <=> Confidence: 100.0%
{Titan, Audi, Tissot, GUCCI} -> {Bugatti} <=> Confidence: 100.0%
{Titan, Audi, Tissot, GUCCI} -> {Starbucks} <=> Confidence: 100.0%
{Titan, Audi, Tissot, GUCCI} -> {Bugatti, Starbucks} <=> Confidence: 100.0%
{Titan, Bugatti, Tissot, GUCCI} -> {Audi} <=> Confidence: 100.0%
{Titan, Bugatti, Tissot, GUCCI} -> {Starbucks} <=> Confidence: 100.0%
{Titan, Bugatti, Tissot, GUCCI} -> {Audi, Starbucks} <=> Confidence: 100.0%
{Audi, Bugatti, Tissot, GUCCI} -> {Titan} <=> Confidence: 100.0%
{Audi, Bugatti, Tissot, GUCCI} -> {Starbucks} <=> Confidence: 100.0%
{Audi, Bugatti, Tissot, GUCCI} -> {Titan, Starbucks} <=> Confidence: 100.0%
{Audi, Tissot, Starbucks} -> {Titan, Bugatti} <=> Confidence: 100.0%
{Audi, Tissot, Starbucks} -> {Titan, GUCCI} <=> Confidence: 100.0%
{Audi, Tissot, Starbucks} -> {Bugatti, GUCCI} <=> Confidence: 100.0%
{Audi, Tissot, Starbucks} -> {Titan, Bugatti, GUCCI} <=> Confidence: 100.0%
{Bugatti, Tissot, Starbucks} -> {Titan, Audi} <=> Confidence: 100.0%
{Bugatti, Tissot, Starbucks} -> {Titan, GUCCI} <=> Confidence: 100.0%
{Bugatti, Tissot, Starbucks} -> {Audi, GUCCI} <=> Confidence: 100.0%
{Bugatti, Tissot, Starbucks} -> {Titan, Audi, GUCCI} <=> Confidence: 100.0%
{Titan, Audi, Bugatti, Starbucks} -> {Tissot} <=> Confidence: 100.0%
{Titan, Audi, Bugatti, Starbucks} -> {GUCCI} <=> Confidence: 100.0%
{Titan, Audi, Bugatti, Starbucks} -> {Tissot, GUCCI} <=> Confidence: 100.0%
{Titan, Audi, Tissot, Starbucks} -> {Bugatti} <=> Confidence: 100.0%
{Titan, Audi, Tissot, Starbucks} -> {GUCCI} <=> Confidence: 100.0%
{Titan, Audi, Tissot, Starbucks} -> {Bugatti, GUCCI} <=> Confidence: 100.0%
{Titan, Bugatti, Tissot, Starbucks} -> {Audi} <=> Confidence: 100.0%
{Titan, Bugatti, Tissot, Starbucks} -> {GUCCI} <=> Confidence: 100.0%
{Titan, Bugatti, Tissot, Starbucks} -> {Audi, GUCCI} <=> Confidence: 100.0%
{Audi, Bugatti, Tissot, Starbucks} -> {Titan} <=> Confidence: 100.0%
{Audi, Bugatti, Tissot, Starbucks} -> {GUCCI} <=> Confidence: 100.0%
{Audi, Bugatti, Tissot, Starbucks} -> {Titan, GUCCI} <=> Confidence: 100.0%
{Audi, Starbucks, GUCCI} -> {Titan, Tissot} <=> Confidence: 100.0%
{Audi, Starbucks, GUCCI} -> {Titan, Bugatti} <=> Confidence: 100.0%
{Audi, Starbucks, GUCCI} -> {Bugatti, Tissot} <=> Confidence: 100.0%
{Audi, Starbucks, GUCCI} -> {Titan, Bugatti, Tissot} <=> Confidence: 100.0%
{Titan, Audi, Starbucks, GUCCI} -> {Tissot} <=> Confidence: 100.0%
```

```
{Titan, Audi, Starbucks, GUCCI} -> {Bugatti} <=> Confidence: 100.0%
{Titan, Audi, Starbucks, GUCCI} -> {Bugatti, Tissot} <=> Confidence: 100.0%
{Titan, Tissot, Starbucks, GUCCI} -> {Audi} <=> Confidence: 100.0%
{Titan, Tissot, Starbucks, GUCCI} -> {Bugatti} <=> Confidence: 100.0%
{Titan, Tissot, Starbucks, GUCCI} -> {Audi, Bugatti} <=> Confidence: 100.0%
{Audi, Tissot, Starbucks, GUCCI} -> {Titan} <=> Confidence: 100.0%
{Audi, Tissot, Starbucks, GUCCI} -> {Bugatti} <=> Confidence: 100.0%
{Audi, Tissot, Starbucks, GUCCI} -> {Titan, Bugatti} <=> Confidence: 100.0%
{Bugatti, Starbucks, GUCCI} -> {Titan, Tissot} <=> Confidence: 100.0%
{Bugatti, Starbucks, GUCCI} -> {Titan, Audi} <=> Confidence: 100.0%
{Bugatti, Starbucks, GUCCI} -> {Audi, Tissot} <=> Confidence: 100.0%
{Bugatti, Starbucks, GUCCI} -> {Titan, Audi, Tissot} <=> Confidence: 100.0%
{Titan, Bugatti, Starbucks, GUCCI} -> {Tissot} <=> Confidence: 100.0%
{Titan, Bugatti, Starbucks, GUCCI} -> {Audi} <=> Confidence: 100.0%
{Titan, Bugatti, Starbucks, GUCCI} -> {Audi, Tissot} <=> Confidence: 100.0%
{Bugatti, Tissot, Starbucks, GUCCI} -> {Titan} <=> Confidence: 100.0%
{Bugatti, Tissot, Starbucks, GUCCI} -> {Audi} <=> Confidence: 100.0%
{Bugatti, Tissot, Starbucks, GUCCI} -> {Titan, Audi} <=> Confidence: 100.0%
{Audi, Bugatti, Starbucks, GUCCI} -> {Titan} <=> Confidence: 100.0%
{Audi, Bugatti, Starbucks, GUCCI} -> {Tissot} <=> Confidence: 100.0%
{Audi, Bugatti, Starbucks, GUCCI} -> {Titan, Tissot} <=> Confidence: 100.0%
{Hermes, Tesla} -> {Bugatti, Tissot, H&M} <=> Confidence: 100.0%
{Hermes, Tesla} -> {Bugatti, IHOP, Tissot} <=> Confidence: 100.0%
{Hermes, Tesla} -> {IHOP, Tissot, H&M} <=> Confidence: 100.0%
{Hermes, Tesla} -> {Bugatti, IHOP, H&M} <=> Confidence: 100.0%
{Hermes, Tesla} -> {Bugatti, IHOP, Tissot, H&M} <=> Confidence: 100.0%
{Hermes, Tissot} -> {Bugatti, Tesla, H&M} <=> Confidence: 100.0%
{Hermes, Tissot} -> {Bugatti, IHOP, Tesla} <=> Confidence: 100.0%
{Hermes, Tissot} -> {Bugatti, IHOP, H&M} <=> Confidence: 100.0%
{Hermes, Tissot} -> {IHOP, Tesla, H&M} <=> Confidence: 100.0%
{Hermes, Tissot} -> {Bugatti, IHOP, Tesla, H&M} <=> Confidence: 100.0%
{Bugatti, Tesla} -> {Hermes, Tissot, H&M} <=> Confidence: 50.0%
{Bugatti, Tesla} -> {Hermes, IHOP, Tissot} <=> Confidence: 50.0%
{Bugatti, Tesla} -> {IHOP, Tissot, H&M} <=> Confidence: 50.0%
{Bugatti, Tesla} -> {Hermes, IHOP, H&M} <=> Confidence: 50.0%
{Bugatti, Tesla} -> {ZARA, Swiss, Samsung} <=> Confidence: 50.0%
{Bugatti, Tesla} -> {ZARA, Swiss, Dunkin} <=> Confidence: 50.0%
{Bugatti, Tesla} -> {ZARA, Samsung, Dunkin} <=> Confidence: 50.0%
{Bugatti, Tesla} -> {Swiss, Samsung, Dunkin} <=> Confidence: 50.0%
{Bugatti, Tesla} -> {Hermes, IHOP, Tissot, H&M} <=> Confidence: 50.0%
{Bugatti, Tesla} -> {ZARA, Swiss, Samsung, Dunkin} <=> Confidence: 50.0%
{Hermes, Bugatti, Tesla} -> {Tissot, H&M} <=> Confidence: 100.0%
{Hermes, Bugatti, Tesla} -> {IHOP, Tissot} <=> Confidence: 100.0%
{Hermes, Bugatti, Tesla} -> {IHOP, H&M} <=> Confidence: 100.0%
{Hermes, Bugatti, Tesla} -> {IHOP, Tissot, H&M} <=> Confidence: 100.0%
{Hermes, Bugatti, Tissot} -> {Tesla, H&M} <=> Confidence: 100.0%
```

```
{Hermes, Bugatti, Tissot} -> {IHOP, Tesla} <=> Confidence: 100.0%
{Hermes, Bugatti, Tissot} -> {IHOP, H&M} <=> Confidence: 100.0%
{Hermes, Bugatti, Tissot} -> {IHOP, Tesla, H&M} <=> Confidence: 100.0%
{Hermes, Tesla, Tissot} -> {Bugatti, H&M} <=> Confidence: 100.0%
{Hermes, Tesla, Tissot} -> {Bugatti, IHOP} <=> Confidence: 100.0%
{Hermes, Tesla, Tissot} -> {IHOP, H&M} <=> Confidence: 100.0%
{Hermes, Tesla, Tissot} -> {Bugatti, IHOP, H&M} <=> Confidence: 100.0%
{Hermes, Tesla, H&M} -> {Bugatti, Tissot} <=> Confidence: 100.0%
{Hermes, Tesla, H&M} -> {IHOP, Tissot} <=> Confidence: 100.0%
{Hermes, Tesla, H&M} -> {Bugatti, IHOP} <=> Confidence: 100.0%
{Hermes, Tesla, H&M} -> {Bugatti, IHOP, Tissot} <=> Confidence: 100.0%
{Hermes, Tissot, H&M} -> {Bugatti, Tesla} <=> Confidence: 100.0%
{Hermes, Tissot, H&M} -> {Bugatti, IHOP} <=> Confidence: 100.0%
{Hermes, Tissot, H&M} -> {IHOP, Tesla} <=> Confidence: 100.0%
{Hermes, Tissot, H&M} -> {Bugatti, IHOP, Tesla} <=> Confidence: 100.0%
{Bugatti, Tesla, Tissot} -> {Hermes, H&M} <=> Confidence: 100.0%
{Bugatti, Tesla, Tissot} -> {Hermes, IHOP} <=> Confidence: 100.0%
{Bugatti, Tesla, Tissot} -> {IHOP, H&M} <=> Confidence: 100.0%
{Bugatti, Tesla, Tissot} -> {Hermes, IHOP, H&M} <=> Confidence: 100.0%
{Bugatti, Tesla, H&M} -> {Hermes, Tissot} <=> Confidence: 100.0%
{Bugatti, Tesla, H&M} -> {IHOP, Tissot} <=> Confidence: 100.0%
{Bugatti, Tesla, H&M} -> {Hermes, IHOP} <=> Confidence: 100.0%
{Bugatti, Tesla, H&M} -> {Hermes, IHOP, Tissot} <=> Confidence: 100.0%
{Bugatti, Tissot, H&M} -> {Hermes, Tesla} <=> Confidence: 100.0%
{Bugatti, Tissot, H&M} -> {IHOP, Tesla} <=> Confidence: 100.0%
{Bugatti, Tissot, H&M} -> {Hermes, IHOP} <=> Confidence: 100.0%
{Bugatti, Tissot, H&M} -> {Hermes, IHOP, Tesla} <=> Confidence: 100.0%
{Hermes, Bugatti, Tesla, Tissot} -> {H&M} <=> Confidence: 100.0%
{Hermes, Bugatti, Tesla, Tissot} -> {IHOP} <=> Confidence: 100.0%
{Hermes, Bugatti, Tesla, Tissot} -> {IHOP, H&M} <=> Confidence: 100.0%
{Hermes, Bugatti, Tesla, H&M} -> {Tissot} <=> Confidence: 100.0%
{Hermes, Bugatti, Tesla, H&M} -> {IHOP} <=> Confidence: 100.0%
{Hermes, Bugatti, Tesla, H&M} -> {IHOP, Tissot} <=> Confidence: 100.0%
{Hermes, Bugatti, Tissot, H&M} -> {Tesla} <=> Confidence: 100.0%
{Hermes, Bugatti, Tissot, H&M} -> {IHOP} <=> Confidence: 100.0%
{Hermes, Bugatti, Tissot, H&M} -> {IHOP, Tesla} <=> Confidence: 100.0%
{Hermes, Tesla, Tissot, H&M} -> {Bugatti} <=> Confidence: 100.0%
{Hermes, Tesla, Tissot, H&M} -> {IHOP} <=> Confidence: 100.0%
{Hermes, Tesla, Tissot, H&M} -> {Bugatti, IHOP} <=> Confidence: 100.0%
{Bugatti, Tesla, Tissot, H&M} -> {Hermes} <=> Confidence: 100.0%
{Bugatti, Tesla, Tissot, H&M} -> {IHOP} <=> Confidence: 100.0%
{Bugatti, Tesla, Tissot, H&M} -> {Hermes, IHOP} <=> Confidence: 100.0%
{IHOP, Tesla} -> {Hermes, Bugatti, Tissot} <=> Confidence: 100.0%
{IHOP, Tesla} -> {Bugatti, Tissot, H&M} <=> Confidence: 100.0%
{IHOP, Tesla} -> {Hermes, Tissot, H&M} <=> Confidence: 100.0%
{IHOP, Tesla} -> {Hermes, Bugatti, H&M} <=> Confidence: 100.0%
```

```
{IHOP, Tesla} -> {Hermes, Bugatti, Tissot, H&M} <=> Confidence: 100.0%
{IHOP, Tissot} -> {Hermes, Bugatti, Tesla} <=> Confidence: 100.0%
{IHOP, Tissot} -> {Bugatti, Tesla, H&M} <=> Confidence: 100.0%
{IHOP, Tissot} -> {Hermes, Bugatti, H&M} <=> Confidence: 100.0%
{IHOP, Tissot} -> {Hermes, Tesla, H&M} <=> Confidence: 100.0%
{IHOP, Tissot} -> {Hermes, Bugatti, Tesla, H&M} <=> Confidence: 100.0%
{Hermes, IHOP, Tesla} -> {Bugatti, Tissot} <=> Confidence: 100.0%
{Hermes, IHOP, Tesla} -> {Tissot, H&M} <=> Confidence: 100.0%
{Hermes, IHOP, Tesla} -> {Bugatti, H&M} <=> Confidence: 100.0%
{Hermes, IHOP, Tesla} -> {Bugatti, Tissot, H&M} <=> Confidence: 100.0%
{Hermes, IHOP, Tissot} -> {Bugatti, Tesla} <=> Confidence: 100.0%
{Hermes, IHOP, Tissot} -> {Bugatti, H&M} <=> Confidence: 100.0%
{Hermes, IHOP, Tissot} -> {Tesla, H&M} <=> Confidence: 100.0%
{Hermes, IHOP, Tissot} -> {Bugatti, Tesla, H&M} <=> Confidence: 100.0%
{Bugatti, IHOP, Tesla} -> {Hermes, Tissot} <=> Confidence: 100.0%
{Bugatti, IHOP, Tesla} -> {Tissot, H&M} <=> Confidence: 100.0%
{Bugatti, IHOP, Tesla} -> {Hermes, H&M} <=> Confidence: 100.0%
{Bugatti, IHOP, Tesla} -> {Hermes, Tissot, H&M} <=> Confidence: 100.0%
{Bugatti, IHOP, Tissot} -> {Hermes, Tesla} <=> Confidence: 100.0%
{Bugatti, IHOP, Tissot} -> {Tesla, H&M} <=> Confidence: 100.0%
{Bugatti, IHOP, Tissot} -> {Hermes, H&M} <=> Confidence: 100.0%
{Bugatti, IHOP, Tissot} -> {Hermes, Tesla, H&M} <=> Confidence: 100.0%
{IHOP, Tesla, Tissot} -> {Hermes, Bugatti} <=> Confidence: 100.0%
{IHOP, Tesla, Tissot} -> {Bugatti, H&M} <=> Confidence: 100.0%
{IHOP, Tesla, Tissot} -> {Hermes, H&M} <=> Confidence: 100.0%
{IHOP, Tesla, Tissot} -> {Hermes, Bugatti, H&M} <=> Confidence: 100.0%
{Hermes, Bugatti, IHOP, Tesla} -> {Tissot} <=> Confidence: 100.0%
{Hermes, Bugatti, IHOP, Tesla} -> {H&M} <=> Confidence: 100.0%
{Hermes, Bugatti, IHOP, Tesla} -> {Tissot, H&M} <=> Confidence: 100.0%
{Hermes, Bugatti, IHOP, Tissot} -> {Tesla} <=> Confidence: 100.0%
{Hermes, Bugatti, IHOP, Tissot} -> {H&M} <=> Confidence: 100.0%
{Hermes, Bugatti, IHOP, Tissot} -> {Tesla, H&M} <=> Confidence: 100.0%
{Hermes, IHOP, Tesla, Tissot} -> {Bugatti} <=> Confidence: 100.0%
{Hermes, IHOP, Tesla, Tissot} -> {H&M} <=> Confidence: 100.0%
{Hermes, IHOP, Tesla, Tissot} -> {Bugatti, H&M} <=> Confidence: 100.0%
{Bugatti, IHOP, Tesla, Tissot} -> {Hermes} <=> Confidence: 100.0%
{Bugatti, IHOP, Tesla, Tissot} -> {H&M} <=> Confidence: 100.0%
{Bugatti, IHOP, Tesla, Tissot} -> {Hermes, H&M} <=> Confidence: 100.0%
{Bugatti, IHOP, H&M} -> {Tesla, Tissot} <=> Confidence: 100.0%
{Bugatti, IHOP, H&M} -> {Hermes, Tissot} <=> Confidence: 100.0%
{Bugatti, IHOP, H&M} -> {Hermes, Tesla} <=> Confidence: 100.0%
{Bugatti, IHOP, H&M} -> {Hermes, Tesla, Tissot} <=> Confidence: 100.0%
{IHOP, Tesla, H&M} -> {Bugatti, Tissot} <=> Confidence: 100.0%
{IHOP, Tesla, H&M} -> {Hermes, Tissot} <=> Confidence: 100.0%
{IHOP, Tesla, H&M} -> {Hermes, Bugatti} <=> Confidence: 100.0%
{IHOP, Tesla, H&M} -> {Hermes, Bugatti, Tissot} <=> Confidence: 100.0%
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{IHOP, Tissot, H&M} -> {Bugatti, Tesla} <=> Confidence: 100.0%
{IHOP, Tissot, H&M} -> {Hermes, Bugatti} <=> Confidence: 100.0%
{IHOP, Tissot, H&M} -> {Hermes, Tesla} <=> Confidence: 100.0%
{IHOP, Tissot, H&M} -> {Hermes, Bugatti, Tesla} <=> Confidence: 100.0%
{Bugatti, IHOP, Tesla, H&M} -> {Tissot} <=> Confidence: 100.0%
{Bugatti, IHOP, Tesla, H&M} -> {Hermes} <=> Confidence: 100.0%
{Bugatti, IHOP, Tesla, H&M} -> {Hermes, Tissot} <=> Confidence: 100.0%
{Bugatti, IHOP, Tissot, H&M} -> {Tesla} <=> Confidence: 100.0%
{Bugatti, IHOP, Tissot, H&M} -> {Hermes} <=> Confidence: 100.0%
{Bugatti, IHOP, Tissot, H&M} -> {Hermes, Tesla} <=> Confidence: 100.0%
{IHOP, Tesla, Tissot, H&M} -> {Bugatti} <=> Confidence: 100.0%
{IHOP, Tesla, Tissot, H&M} -> {Hermes} <=> Confidence: 100.0%
{IHOP, Tesla, Tissot, H&M} -> {Hermes, Bugatti} <=> Confidence: 100.0%
{Hermes, IHOP, H&M} -> {Bugatti, Tissot} <=> Confidence: 100.0%
{Hermes, IHOP, H&M} -> {Tesla, Tissot} <=> Confidence: 100.0%
{Hermes, IHOP, H&M} -> {Bugatti, Tesla} <=> Confidence: 100.0%
{Hermes, IHOP, H&M} -> {Bugatti, Tesla, Tissot} <=> Confidence: 100.0%
{Hermes, Bugatti, IHOP, H&M} -> {Tissot} <=> Confidence: 100.0%
{Hermes, Bugatti, IHOP, H&M} -> {Tesla} <=> Confidence: 100.0%
{Hermes, Bugatti, IHOP, H&M} -> {Tesla, Tissot} <=> Confidence: 100.0%
{Hermes, IHOP, Tissot, H&M} -> {Bugatti} <=> Confidence: 100.0%
{Hermes, IHOP, Tissot, H&M} -> {Tesla} <=> Confidence: 100.0%
{Hermes, IHOP, Tissot, H&M} -> {Bugatti, Tesla} <=> Confidence: 100.0%
{Bugatti, Coach} -> {Oppo, Tissot, Xiaomi} <=> Confidence: 100.0%
{Bugatti, Coach} -> {Oppo, Tissot, Maserati} <=> Confidence: 100.0%
{Bugatti, Coach} -> {Tissot, Maserati, Xiaomi} <=> Confidence: 100.0%
{Bugatti, Coach} -> {Oppo, Maserati, Xiaomi} <=> Confidence: 100.0%
{Bugatti, Coach} -> {Oppo, Tissot, Maserati, Xiaomi} <=> Confidence: 100.0%
{Oppo, Tissot} -> {Bugatti, Coach, Xiaomi} <=> Confidence: 50.0%
{Oppo, Tissot} -> {Bugatti, Coach, Maserati} <=> Confidence: 50.0%
{Oppo, Tissot} -> {Bugatti, Maserati, Xiaomi} <=> Confidence: 50.0%
\{Oppo, Tissot\} \rightarrow \{ROG, Tata, H&M\} \iff Confidence: 50.0\%
{Oppo, Tissot} -> {Coach, Maserati, Xiaomi} <=> Confidence: 50.0%
{Oppo, Tissot} -> {Bugatti, Coach, Maserati, Xiaomi} <=> Confidence: 50.0%
{Oppo, Coach} -> {Bugatti, Tissot, Xiaomi} <=> Confidence: 100.0%
{Oppo, Coach} -> {Bugatti, Tissot, Maserati} <=> Confidence: 100.0%
{Oppo, Coach} -> {Tissot, Maserati, Xiaomi} <=> Confidence: 100.0%
{Oppo, Coach} -> {Bugatti, Maserati, Xiaomi} <=> Confidence: 100.0%
{Oppo, Coach} -> {Bugatti, Tissot, Maserati, Xiaomi} <=> Confidence: 100.0%
{Bugatti, Oppo, Tissot} -> {Coach, Xiaomi} <=> Confidence: 100.0%
{Bugatti, Oppo, Tissot} -> {Coach, Maserati} <=> Confidence: 100.0%
{Bugatti, Oppo, Tissot} -> {Maserati, Xiaomi} <=> Confidence: 100.0%
{Bugatti, Oppo, Tissot} -> {Coach, Maserati, Xiaomi} <=> Confidence: 100.0%
{Bugatti, Oppo, Coach} -> {Tissot, Xiaomi} <=> Confidence: 100.0%
{Bugatti, Oppo, Coach} -> {Tissot, Maserati} <=> Confidence: 100.0%
{Bugatti, Oppo, Coach} -> {Maserati, Xiaomi} <=> Confidence: 100.0%
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{Bugatti, Oppo, Coach} -> {Tissot, Maserati, Xiaomi} <=> Confidence: 100.0%
{Bugatti, Tissot, Coach} -> {Oppo, Xiaomi} <=> Confidence: 100.0%
{Bugatti, Tissot, Coach} -> {Oppo, Maserati} <=> Confidence: 100.0%
{Bugatti, Tissot, Coach} -> {Maserati, Xiaomi} <=> Confidence: 100.0%
{Bugatti, Tissot, Coach} -> {Oppo, Maserati, Xiaomi} <=> Confidence: 100.0%
{Bugatti, Tissot, Xiaomi} -> {Oppo, Coach} <=> Confidence: 100.0%
{Bugatti, Tissot, Xiaomi} -> {Coach, Maserati} <=> Confidence: 100.0%
{Bugatti, Tissot, Xiaomi} -> {Oppo, Maserati} <=> Confidence: 100.0%
{Bugatti, Tissot, Xiaomi} -> {Oppo, Coach, Maserati} <=> Confidence: 100.0%
{Bugatti, Coach, Xiaomi} -> {Oppo, Tissot} <=> Confidence: 100.0%
{Bugatti, Coach, Xiaomi} -> {Tissot, Maserati} <=> Confidence: 100.0%
{Bugatti, Coach, Xiaomi} -> {Oppo, Maserati} <=> Confidence: 100.0%
{Bugatti, Coach, Xiaomi} -> {Oppo, Tissot, Maserati} <=> Confidence: 100.0%
{Oppo, Tissot, Coach} -> {Bugatti, Xiaomi} <=> Confidence: 100.0%
{Oppo, Tissot, Coach} -> {Bugatti, Maserati} <=> Confidence: 100.0%
{Oppo, Tissot, Coach} -> {Maserati, Xiaomi} <=> Confidence: 100.0%
{Oppo, Tissot, Coach} -> {Bugatti, Maserati, Xiaomi} <=> Confidence: 100.0%
{Oppo, Tissot, Xiaomi} -> {Bugatti, Coach} <=> Confidence: 100.0%
{Oppo, Tissot, Xiaomi} -> {Bugatti, Maserati} <=> Confidence: 100.0%
{Oppo, Tissot, Xiaomi} -> {Coach, Maserati} <=> Confidence: 100.0%
{Oppo, Tissot, Xiaomi} -> {Bugatti, Coach, Maserati} <=> Confidence: 100.0%
{Oppo, Coach, Xiaomi} -> {Bugatti, Tissot} <=> Confidence: 100.0%
{Oppo, Coach, Xiaomi} -> {Tissot, Maserati} <=> Confidence: 100.0%
{Oppo, Coach, Xiaomi} -> {Bugatti, Maserati} <=> Confidence: 100.0%
{Oppo, Coach, Xiaomi} -> {Bugatti, Tissot, Maserati} <=> Confidence: 100.0%
{Bugatti, Oppo, Tissot, Coach} -> {Xiaomi} <=> Confidence: 100.0%
{Bugatti, Oppo, Tissot, Coach} -> {Maserati} <=> Confidence: 100.0%
{Bugatti, Oppo, Tissot, Coach} -> {Maserati, Xiaomi} <=> Confidence: 100.0%
{Bugatti, Oppo, Tissot, Xiaomi} -> {Coach} <=> Confidence: 100.0%
{Bugatti, Oppo, Tissot, Xiaomi} -> {Maserati} <=> Confidence: 100.0%
{Bugatti, Oppo, Tissot, Xiaomi} -> {Coach, Maserati} <=> Confidence: 100.0%
{Bugatti, Oppo, Coach, Xiaomi} -> {Tissot} <=> Confidence: 100.0%
{Bugatti, Oppo, Coach, Xiaomi} -> {Maserati} <=> Confidence: 100.0%
{Bugatti, Oppo, Coach, Xiaomi} -> {Tissot, Maserati} <=> Confidence: 100.0%
{Bugatti, Tissot, Coach, Xiaomi} -> {Oppo} <=> Confidence: 100.0%
{Bugatti, Tissot, Coach, Xiaomi} -> {Maserati} <=> Confidence: 100.0%
{Bugatti, Tissot, Coach, Xiaomi} -> {Oppo, Maserati} <=> Confidence: 100.0%
{Oppo, Tissot, Coach, Xiaomi} -> {Bugatti} <=> Confidence: 100.0%
{Oppo, Tissot, Coach, Xiaomi} -> {Maserati} <=> Confidence: 100.0%
{Oppo, Tissot, Coach, Xiaomi} -> {Bugatti, Maserati} <=> Confidence: 100.0%
{Bugatti, Tissot, Maserati} -> {Oppo, Coach} <=> Confidence: 100.0%
{Bugatti, Tissot, Maserati} -> {Coach, Xiaomi} <=> Confidence: 100.0%
{Bugatti, Tissot, Maserati} -> {Oppo, Xiaomi} <=> Confidence: 100.0%
{Bugatti, Tissot, Maserati} -> {Oppo, Coach, Xiaomi} <=> Confidence: 100.0%
{Bugatti, Coach, Maserati} -> {Oppo, Tissot} <=> Confidence: 100.0%
{Bugatti, Coach, Maserati} -> {Tissot, Xiaomi} <=> Confidence: 100.0%
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{Bugatti, Coach, Maserati} -> {Oppo, Xiaomi} <=> Confidence: 100.0%
{Bugatti, Coach, Maserati} -> {Oppo, Tissot, Xiaomi} <=> Confidence: 100.0%
{Oppo, Tissot, Maserati} -> {Bugatti, Coach} <=> Confidence: 100.0%
{Oppo, Tissot, Maserati} -> {Bugatti, Xiaomi} <=> Confidence: 100.0%
{Oppo, Tissot, Maserati} -> {Coach, Xiaomi} <=> Confidence: 100.0%
{Oppo, Tissot, Maserati} -> {Bugatti, Coach, Xiaomi} <=> Confidence: 100.0%
{Oppo, Coach, Maserati} -> {Bugatti, Tissot} <=> Confidence: 100.0%
{Oppo, Coach, Maserati} -> {Tissot, Xiaomi} <=> Confidence: 100.0%
{Oppo, Coach, Maserati} -> {Bugatti, Xiaomi} <=> Confidence: 100.0%
{Oppo, Coach, Maserati} -> {Bugatti, Tissot, Xiaomi} <=> Confidence: 100.0%
{Bugatti, Oppo, Tissot, Maserati} -> {Coach} <=> Confidence: 100.0%
{Bugatti, Oppo, Tissot, Maserati} -> {Xiaomi} <=> Confidence: 100.0%
{Bugatti, Oppo, Tissot, Maserati} -> {Coach, Xiaomi} <=> Confidence: 100.0%
{Bugatti, Oppo, Coach, Maserati} -> {Tissot} <=> Confidence: 100.0%
{Bugatti, Oppo, Coach, Maserati} -> {Xiaomi} <=> Confidence: 100.0%
{Bugatti, Oppo, Coach, Maserati} -> {Tissot, Xiaomi} <=> Confidence: 100.0%
{Bugatti, Tissot, Coach, Maserati} -> {Oppo} <=> Confidence: 100.0%
{Bugatti, Tissot, Coach, Maserati} -> {Xiaomi} <=> Confidence: 100.0%
{Bugatti, Tissot, Coach, Maserati} -> {Oppo, Xiaomi} <=> Confidence: 100.0%
{Oppo, Tissot, Coach, Maserati} -> {Bugatti} <=> Confidence: 100.0%
{Oppo, Tissot, Coach, Maserati} -> {Xiaomi} <=> Confidence: 100.0%
{Oppo, Tissot, Coach, Maserati} -> {Bugatti, Xiaomi} <=> Confidence: 100.0%
{Maserati, Xiaomi} -> {Bugatti, Tissot, Coach} <=> Confidence: 100.0%
{Maserati, Xiaomi} -> {Bugatti, Oppo, Tissot} <=> Confidence: 100.0%
{Maserati, Xiaomi} -> {Oppo, Tissot, Coach} <=> Confidence: 100.0%
{Maserati, Xiaomi} -> {Bugatti, Oppo, Coach} <=> Confidence: 100.0%
{Maserati, Xiaomi} -> {Bugatti, Oppo, Tissot, Coach} <=> Confidence: 100.0%
{Bugatti, Maserati, Xiaomi} -> {Tissot, Coach} <=> Confidence: 100.0%
{Bugatti, Maserati, Xiaomi} -> {Oppo, Tissot} <=> Confidence: 100.0%
{Bugatti, Maserati, Xiaomi} -> {Oppo, Coach} <=> Confidence: 100.0%
{Bugatti, Maserati, Xiaomi} -> {Oppo, Tissot, Coach} <=> Confidence: 100.0%
{Tissot, Maserati, Xiaomi} -> {Bugatti, Coach} <=> Confidence: 100.0%
{Tissot, Maserati, Xiaomi} -> {Bugatti, Oppo} <=> Confidence: 100.0%
{Tissot, Maserati, Xiaomi} -> {Oppo, Coach} <=> Confidence: 100.0%
{Tissot, Maserati, Xiaomi} -> {Bugatti, Oppo, Coach} <=> Confidence: 100.0%
{Coach, Maserati, Xiaomi} -> {Bugatti, Tissot} <=> Confidence: 100.0%
{Coach, Maserati, Xiaomi} -> {Oppo, Tissot} <=> Confidence: 100.0%
{Coach, Maserati, Xiaomi} -> {Bugatti, Oppo} <=> Confidence: 100.0%
{Coach, Maserati, Xiaomi} -> {Bugatti, Oppo, Tissot} <=> Confidence: 100.0%
{Bugatti, Tissot, Maserati, Xiaomi} -> {Coach} <=> Confidence: 100.0%
{Bugatti, Tissot, Maserati, Xiaomi} -> {Oppo} <=> Confidence: 100.0%
{Bugatti, Tissot, Maserati, Xiaomi} -> {Oppo, Coach} <=> Confidence: 100.0%
{Bugatti, Coach, Maserati, Xiaomi} -> {Tissot} <=> Confidence: 100.0%
{Bugatti, Coach, Maserati, Xiaomi} -> {Oppo} <=> Confidence: 100.0%
{Bugatti, Coach, Maserati, Xiaomi} -> {Oppo, Tissot} <=> Confidence: 100.0%
{Tissot, Coach, Maserati, Xiaomi} -> {Bugatti} <=> Confidence: 100.0%
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{Tissot, Coach, Maserati, Xiaomi} -> {Oppo} <=> Confidence: 100.0%
{Tissot, Coach, Maserati, Xiaomi} -> {Bugatti, Oppo} <=> Confidence: 100.0%
{Oppo, Maserati, Xiaomi} -> {Bugatti, Tissot} <=> Confidence: 100.0%
{Oppo, Maserati, Xiaomi} -> {Tissot, Coach} <=> Confidence: 100.0%
{Oppo, Maserati, Xiaomi} -> {Bugatti, Coach} <=> Confidence: 100.0%
{Oppo, Maserati, Xiaomi} -> {Bugatti, Tissot, Coach} <=> Confidence: 100.0%
{Bugatti, Oppo, Maserati, Xiaomi} -> {Tissot} <=> Confidence: 100.0%
{Bugatti, Oppo, Maserati, Xiaomi} -> {Coach} <=> Confidence: 100.0%
{Bugatti, Oppo, Maserati, Xiaomi} -> {Tissot, Coach} <=> Confidence: 100.0%
{Oppo, Tissot, Maserati, Xiaomi} -> {Bugatti} <=> Confidence: 100.0%
{Oppo, Tissot, Maserati, Xiaomi} -> {Coach} <=> Confidence: 100.0%
{Oppo, Tissot, Maserati, Xiaomi} -> {Bugatti, Coach} <=> Confidence: 100.0%
{Hermes, IHOP, Tesla, H&M} -> {Tissot} <=> Confidence: 100.0%
{Hermes, IHOP, Tesla, H&M} -> {Bugatti} <=> Confidence: 100.0%
{Hermes, IHOP, Tesla, H&M} -> {Bugatti, Tissot} <=> Confidence: 100.0%
{Oppo, H&M} -> {Tissot, ROG, Tata} <=> Confidence: 100.0%
{Tata, H&M} -> {Oppo, Tissot, ROG} <=> Confidence: 100.0%
{Oppo, Tissot, ROG} -> {Tata, H&M} <=> Confidence: 100.0%
{Oppo, Tissot, Tata} -> {ROG, H&M} <=> Confidence: 100.0%
\{Oppo, Tissot, H\&M\} \rightarrow \{ROG, Tata\} \iff Confidence: 100.0\%
{Oppo, ROG, H&M} -> {Tissot, Tata} <=> Confidence: 100.0%
{Oppo, Tata, H&M} -> {Tissot, ROG} <=> Confidence: 100.0%
{Tissot, ROG, H&M} -> {Oppo, Tata} <=> Confidence: 50.0%
{Tissot, ROG, H&M} -> {BMW, Maserati} <=> Confidence: 50.0%
{Tissot, ROG, H&M} -> {Popeyes, Maserati} <=> Confidence: 50.0%
{Tissot, ROG, H&M} -> {BMW, Popeyes} <=> Confidence: 50.0%
{Tissot, ROG, H&M} -> {BMW, Popeyes, Maserati} <=> Confidence: 50.0%
{Tissot, Tata, H&M} -> {Oppo, ROG} <=> Confidence: 100.0%
\{ROG, Tata, H\&M\} \rightarrow \{Oppo, Tissot\} \iff Confidence: 100.0\%
{Oppo, Tissot, ROG, Tata} -> {H&M} <=> Confidence: 100.0%
\{Oppo, Tissot, ROG, H\&M\} \rightarrow \{Tata\} \iff Confidence: 100.0\%
\{Oppo, Tissot, Tata, H\&M\} \rightarrow \{ROG\} \iff Confidence: 100.0\%
\{Oppo, ROG, Tata, H\&M\} \rightarrow \{Tissot\} \iff Confidence: 100.0\%
{Tissot, ROG, Tata, H&M} -> {Oppo} <=> Confidence: 100.0%
{Tissot, BMW, ROG} -> {H&M, Maserati} <=> Confidence: 100.0%
{Tissot, BMW, ROG} -> {Popeyes, H&M} <=> Confidence: 100.0%
{Tissot, BMW, ROG} -> {Popeyes, Maserati} <=> Confidence: 100.0%
{Tissot, BMW, ROG} -> {Popeyes, H&M, Maserati} <=> Confidence: 100.0%
{Tissot, BMW, H&M} -> {ROG, Maserati} <=> Confidence: 100.0%
{Tissot, BMW, H&M} -> {Popeyes, Maserati} <=> Confidence: 100.0%
{Tissot, BMW, H&M} -> {Popeyes, ROG} <=> Confidence: 100.0%
{Tissot, BMW, H&M} -> {ROG, Popeyes, Maserati} <=> Confidence: 100.0%
{Tissot, BMW, Maserati} -> {ROG, H&M} <=> Confidence: 100.0%
{Tissot, BMW, Maserati} -> {Popeyes, H&M} <=> Confidence: 100.0%
{Tissot, BMW, Maserati} -> {Popeyes, ROG} <=> Confidence: 100.0%
{Tissot, BMW, Maserati} -> {ROG, Popeyes, H&M} <=> Confidence: 100.0%
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{Tissot, ROG, Maserati} -> {BMW, H&M} <=> Confidence: 100.0%
{Tissot, ROG, Maserati} -> {Popeyes, H&M} <=> Confidence: 100.0%
{Tissot, ROG, Maserati} -> {BMW, Popeyes} <=> Confidence: 100.0%
{Tissot, ROG, Maserati} -> {BMW, Popeyes, H&M} <=> Confidence: 100.0%
{BMW, ROG, H&M} -> {Tissot, Maserati} <=> Confidence: 100.0%
{BMW, ROG, H&M} -> {Tissot, Popeyes} <=> Confidence: 100.0%
{BMW, ROG, H&M} -> {Popeyes, Maserati} <=> Confidence: 100.0%
{BMW, ROG, H&M} -> {Tissot, Popeyes, Maserati} <=> Confidence: 100.0%
{BMW, ROG, Maserati} -> {Tissot, H&M} <=> Confidence: 100.0%
{BMW, ROG, Maserati} -> {Tissot, Popeyes} <=> Confidence: 100.0%
{BMW, ROG, Maserati} -> {Popeyes, H&M} <=> Confidence: 100.0%
{BMW, ROG, Maserati} -> {Tissot, Popeyes, H&M} <=> Confidence: 100.0%
{ROG, H&M, Maserati} -> {Tissot, BMW} <=> Confidence: 100.0%
{ROG, H&M, Maserati} -> {Tissot, Popeyes} <=> Confidence: 100.0%
{ROG, H&M, Maserati} -> {BMW, Popeyes} <=> Confidence: 100.0%
{ROG, H&M, Maserati} -> {Tissot, BMW, Popeyes} <=> Confidence: 100.0%
{Tissot, BMW, ROG, H&M} -> {Maserati} <=> Confidence: 100.0%
{Tissot, BMW, ROG, H&M} -> {Popeyes} <=> Confidence: 100.0%
{Tissot, BMW, ROG, H&M} -> {Popeyes, Maserati} <=> Confidence: 100.0%
{Tissot, BMW, ROG, Maserati} -> {H&M} <=> Confidence: 100.0%
{Tissot, BMW, ROG, Maserati} -> {Popeyes} <=> Confidence: 100.0%
{Tissot, BMW, ROG, Maserati} -> {Popeyes, H&M} <=> Confidence: 100.0%
{Tissot, BMW, H&M, Maserati} -> {ROG} <=> Confidence: 100.0%
{Tissot, BMW, H&M, Maserati} -> {Popeyes} <=> Confidence: 100.0%
{Tissot, BMW, H&M, Maserati} -> {ROG, Popeyes} <=> Confidence: 100.0%
{Tissot, ROG, H&M, Maserati} -> {BMW} <=> Confidence: 100.0%
{Tissot, ROG, H&M, Maserati} -> {Popeyes} <=> Confidence: 100.0%
{Tissot, ROG, H&M, Maserati} -> {BMW, Popeyes} <=> Confidence: 100.0%
{BMW, ROG, H&M, Maserati} -> {Tissot} <=> Confidence: 100.0%
{BMW, ROG, H&M, Maserati} -> {Popeyes} <=> Confidence: 100.0%
{BMW, ROG, H&M, Maserati} -> {Tissot, Popeyes} <=> Confidence: 100.0%
{Tissot, Popeyes, ROG} -> {H&M, Maserati} <=> Confidence: 100.0%
{Tissot, Popeyes, ROG} -> {BMW, H&M} <=> Confidence: 100.0%
{Tissot, Popeyes, ROG} -> {BMW, Maserati} <=> Confidence: 100.0%
{Tissot, Popeyes, H&M} -> {ROG, Maserati} <=> Confidence: 100.0%
{Tissot, Popeyes, H&M} -> {BMW, Maserati} <=> Confidence: 100.0%
{Tissot, Popeyes, H&M} -> {BMW, ROG} <=> Confidence: 100.0%
{Tissot, Popeyes, H&M} -> {BMW, ROG, Maserati} <=> Confidence: 100.0%
{Tissot, Popeyes, Maserati} -> {ROG, H&M} <=> Confidence: 100.0%
{Tissot, Popeyes, Maserati} -> {BMW, H&M} <=> Confidence: 100.0%
{Tissot, Popeyes, Maserati} -> {BMW, ROG} <=> Confidence: 100.0%
{Tissot, Popeyes, Maserati} -> {BMW, ROG, H&M} <=> Confidence: 100.0%
{Popeyes, ROG, H&M} -> {Tissot, Maserati} <=> Confidence: 100.0%
{Popeyes, ROG, H&M} -> {Tissot, BMW} <=> Confidence: 100.0%
{Popeyes, ROG, H&M} -> {BMW, Maserati} <=> Confidence: 100.0%
{Popeyes, ROG, Maserati} -> {Tissot, H&M} <=> Confidence: 100.0%
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```
{Popeyes, ROG, Maserati} -> {Tissot, BMW} <=> Confidence: 100.0%
{Popeyes, ROG, Maserati} -> {BMW, H&M} <=> Confidence: 100.0%
{Tissot, Popeyes, ROG, H&M} -> {Maserati} <=> Confidence: 100.0%
{Tissot, Popeyes, ROG, H&M} -> {BMW} <=> Confidence: 100.0%
{Tissot, Popeyes, ROG, Maserati} -> {H&M} <=> Confidence: 100.0%
{Tissot, Popeyes, ROG, Maserati} -> {BMW} <=> Confidence: 100.0%
{Tissot, Popeyes, H&M, Maserati} -> {ROG} <=> Confidence: 100.0%
{Tissot, Popeyes, H&M, Maserati} -> {BMW} <=> Confidence: 100.0%
{Tissot, Popeyes, H&M, Maserati} -> {BMW, ROG} <=> Confidence: 100.0%
{Popeyes, ROG, H&M, Maserati} -> {Tissot} <=> Confidence: 100.0%
{Popeyes, ROG, H&M, Maserati} -> {BMW} <=> Confidence: 100.0%
{Tissot, BMW, Popeyes} -> {H&M, Maserati} <=> Confidence: 100.0%
{Tissot, BMW, Popeyes} -> {ROG, H&M} <=> Confidence: 100.0%
{Tissot, BMW, Popeyes} -> {ROG, Maserati} <=> Confidence: 100.0%
{Tissot, BMW, Popeyes} -> {ROG, H&M, Maserati} <=> Confidence: 100.0%
{BMW, Popeyes, H&M} -> {Tissot, Maserati} <=> Confidence: 100.0%
{BMW, Popeyes, H&M} -> {Tissot, ROG} <=> Confidence: 100.0%
{BMW, Popeyes, H&M} -> {ROG, Maserati} <=> Confidence: 100.0%
{BMW, Popeyes, H&M} -> {Tissot, ROG, Maserati} <=> Confidence: 100.0%
{BMW, Popeyes, Maserati} -> {Tissot, H&M} <=> Confidence: 100.0%
{BMW, Popeyes, Maserati} -> {Tissot, ROG} <=> Confidence: 100.0%
{BMW, Popeyes, Maserati} -> {ROG, H&M} <=> Confidence: 100.0%
{BMW, Popeyes, Maserati} -> {Tissot, ROG, H&M} <=> Confidence: 100.0%
{Tissot, BMW, Popeyes, H&M} -> {Maserati} <=> Confidence: 100.0%
{Tissot, BMW, Popeyes, H\&M} -> {ROG} <=> Confidence: 100.0%
{Tissot, BMW, Popeyes, H&M} -> {ROG, Maserati} <=> Confidence: 100.0%
{Tissot, BMW, Popeyes, Maserati} -> {H&M} <=> Confidence: 100.0%
{Tissot, BMW, Popeyes, Maserati} -> {ROG} <=> Confidence: 100.0%
{Tissot, BMW, Popeyes, Maserati} -> {ROG, H&M} <=> Confidence: 100.0%
{BMW, Popeyes, H&M, Maserati} -> {Tissot} <=> Confidence: 100.0%
{BMW, Popeyes, H&M, Maserati} -> {ROG} <=> Confidence: 100.0%
{BMW, Popeyes, H&M, Maserati} -> {Tissot, ROG} <=> Confidence: 100.0%
{BMW, Popeyes, ROG} -> {Tissot, H&M} <=> Confidence: 100.0%
{BMW, Popeyes, ROG} -> {Tissot, Maserati} <=> Confidence: 100.0%
{BMW, Popeyes, ROG} -> {H&M, Maserati} <=> Confidence: 100.0%
{Tissot, BMW, Popeyes, ROG} -> {H&M} <=> Confidence: 100.0%
{Tissot, BMW, Popeyes, ROG} -> {Maserati} <=> Confidence: 100.0%
{BMW, Popeyes, ROG, H&M} -> {Tissot} <=> Confidence: 100.0%
{BMW, Popeyes, ROG, H&M} -> {Maserati} <=> Confidence: 100.0%
{Oppo, Coach, Maserati, Xiaomi} -> {Tissot} <=> Confidence: 100.0%
{Oppo, Coach, Maserati, Xiaomi} -> {Bugatti} <=> Confidence: 100.0%
{Oppo, Coach, Maserati, Xiaomi} -> {Bugatti, Tissot} <=> Confidence: 100.0%
{BMW, Popeyes, ROG, Maserati} -> {Tissot} <=> Confidence: 100.0%
{BMW, Popeyes, ROG, Maserati} -> {H&M} <=> Confidence: 100.0%
{Swiss, Tata} -> {ZARA, Adidas, Audi} <=> Confidence: 100.0%
{Swiss, Tata} -> {ZARA, Audi, KFC} <=> Confidence: 100.0%
```

```
{Swiss, Tata} -> {Adidas, Audi, KFC} <=> Confidence: 100.0%
{Swiss, Tata} -> {ZARA, Adidas, KFC} <=> Confidence: 100.0%
{Swiss, Tata} -> {ZARA, Adidas, Audi, KFC} <=> Confidence: 100.0%
{ZARA, Adidas, Audi} -> {Swiss, Tata} <=> Confidence: 100.0%
{ZARA, Adidas, Audi} -> {Tata, KFC} <=> Confidence: 100.0%
{ZARA, Adidas, Audi} -> {Swiss, KFC} <=> Confidence: 100.0%
{ZARA, Adidas, Audi} -> {Swiss, Tata, KFC} <=> Confidence: 100.0%
{ZARA, Swiss, Tata} -> {Adidas, Audi} <=> Confidence: 100.0%
{ZARA, Swiss, Tata} -> {Audi, KFC} <=> Confidence: 100.0%
{ZARA, Swiss, Tata} -> {Adidas, KFC} <=> Confidence: 100.0%
{ZARA, Swiss, Tata} -> {Adidas, Audi, KFC} <=> Confidence: 100.0%
{Adidas, Swiss, Tata} -> {ZARA, Audi} <=> Confidence: 100.0%
{Adidas, Swiss, Tata} -> {Audi, KFC} <=> Confidence: 100.0%
{Adidas, Swiss, Tata} -> {ZARA, KFC} <=> Confidence: 100.0%
{Adidas, Swiss, Tata} -> {ZARA, Audi, KFC} <=> Confidence: 100.0%
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{Audi, Swiss, Tata} -> {ZARA, KFC} <=> Confidence: 100.0%
{Audi, Swiss, Tata} -> {Adidas, KFC} <=> Confidence: 100.0%
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{ZARA, Adidas, Audi, Swiss} -> {Tata} <=> Confidence: 100.0%
{ZARA, Adidas, Audi, Swiss} -> {KFC} <=> Confidence: 100.0%
{ZARA, Adidas, Audi, Swiss} -> {Tata, KFC} <=> Confidence: 100.0%
{ZARA, Adidas, Audi, Tata} -> {Swiss} <=> Confidence: 100.0%
{ZARA, Adidas, Audi, Tata} -> {KFC} <=> Confidence: 100.0%
{ZARA, Adidas, Audi, Tata} -> {Swiss, KFC} <=> Confidence: 100.0%
{ZARA, Adidas, Swiss, Tata} -> {Audi} <=> Confidence: 100.0%
{ZARA, Adidas, Swiss, Tata} -> {KFC} <=> Confidence: 100.0%
{ZARA, Adidas, Swiss, Tata} -> {Audi, KFC} <=> Confidence: 100.0%
{ZARA, Audi, Swiss, Tata} -> {Adidas} <=> Confidence: 100.0%
{ZARA, Audi, Swiss, Tata} -> {KFC} <=> Confidence: 100.0%
{ZARA, Audi, Swiss, Tata} -> {Adidas, KFC} <=> Confidence: 100.0%
{Adidas, Audi, Swiss, Tata} -> {ZARA} <=> Confidence: 100.0%
{Adidas, Audi, Swiss, Tata} -> {KFC} <=> Confidence: 100.0%
{Adidas, Audi, Swiss, Tata} -> {ZARA, KFC} <=> Confidence: 100.0%
{Swiss, KFC} -> {ZARA, Audi, Tata} <=> Confidence: 100.0%
{Swiss, KFC} -> {Adidas, Audi, Tata} <=> Confidence: 100.0%
{Swiss, KFC} -> {ZARA, Adidas, Audi} <=> Confidence: 100.0%
{Swiss, KFC} -> {ZARA, Adidas, Tata} <=> Confidence: 100.0%
{Swiss, KFC} -> {ZARA, Adidas, Audi, Tata} <=> Confidence: 100.0%
{ZARA, Swiss, KFC} -> {Audi, Tata} <=> Confidence: 100.0%
{ZARA, Swiss, KFC} -> {Adidas, Audi} <=> Confidence: 100.0%
{ZARA, Swiss, KFC} -> {Adidas, Tata} <=> Confidence: 100.0%
{ZARA, Swiss, KFC} -> {Adidas, Audi, Tata} <=> Confidence: 100.0%
{Audi, Swiss, KFC} -> {ZARA, Tata} <=> Confidence: 100.0%
{Audi, Swiss, KFC} -> {Adidas, Tata} <=> Confidence: 100.0%
{Audi, Swiss, KFC} -> {ZARA, Adidas} <=> Confidence: 100.0%
```

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{Audi, Swiss, KFC} -> {ZARA, Adidas, Tata} <=> Confidence: 100.0%
{Swiss, Tata, KFC} -> {ZARA, Audi} <=> Confidence: 100.0%
{Swiss, Tata, KFC} -> {Adidas, Audi} <=> Confidence: 100.0%
{Swiss, Tata, KFC} -> {ZARA, Adidas} <=> Confidence: 100.0%
{Swiss, Tata, KFC} -> {ZARA, Adidas, Audi} <=> Confidence: 100.0%
{ZARA, Audi, Swiss, KFC} -> {Tata} <=> Confidence: 100.0%
{ZARA, Audi, Swiss, KFC} -> {Adidas} <=> Confidence: 100.0%
{ZARA, Audi, Swiss, KFC} -> {Adidas, Tata} <=> Confidence: 100.0%
{ZARA, Audi, Tata, KFC} -> {Swiss} <=> Confidence: 100.0%
{ZARA, Audi, Tata, KFC} -> {Adidas} <=> Confidence: 100.0%
{ZARA, Audi, Tata, KFC} -> {Adidas, Swiss} <=> Confidence: 100.0%
{ZARA, Swiss, Tata, KFC} -> {Audi} <=> Confidence: 100.0%
{ZARA, Swiss, Tata, KFC} -> {Adidas} <=> Confidence: 100.0%
{ZARA, Swiss, Tata, KFC} -> {Adidas, Audi} <=> Confidence: 100.0%
{Audi, Swiss, Tata, KFC} -> {ZARA} <=> Confidence: 100.0%
{Audi, Swiss, Tata, KFC} -> {Adidas} <=> Confidence: 100.0%
{Audi, Swiss, Tata, KFC} -> {ZARA, Adidas} <=> Confidence: 100.0%
{ZARA, Adidas, Audi, KFC} -> {Tata} <=> Confidence: 100.0%
{ZARA, Adidas, Audi, KFC} -> {Swiss} <=> Confidence: 100.0%
{ZARA, Adidas, Audi, KFC} -> {Swiss, Tata} <=> Confidence: 100.0%
{ZARA, Adidas, Tata, KFC} -> {Audi} <=> Confidence: 100.0%
{ZARA, Adidas, Tata, KFC} -> {Swiss} <=> Confidence: 100.0%
{ZARA, Adidas, Tata, KFC} -> {Audi, Swiss} <=> Confidence: 100.0%
{Adidas, Audi, Tata, KFC} -> {ZARA} <=> Confidence: 100.0%
{Adidas, Audi, Tata, KFC} -> {Swiss} <=> Confidence: 100.0%
{Adidas, Audi, Tata, KFC} -> {ZARA, Swiss} <=> Confidence: 100.0%
{Adidas, Swiss, KFC} -> {Audi, Tata} <=> Confidence: 100.0%
{Adidas, Swiss, KFC} -> {ZARA, Audi} <=> Confidence: 100.0%
{Adidas, Swiss, KFC} -> {ZARA, Tata} <=> Confidence: 100.0%
{Adidas, Swiss, KFC} -> {ZARA, Audi, Tata} <=> Confidence: 100.0%
{Adidas, Audi, Swiss, KFC} -> {Tata} <=> Confidence: 100.0%
{Adidas, Audi, Swiss, KFC} -> {ZARA} <=> Confidence: 100.0%
{Adidas, Audi, Swiss, KFC} -> {ZARA, Tata} <=> Confidence: 100.0%
{Adidas, Swiss, Tata, KFC} -> {Audi} <=> Confidence: 100.0%
{Adidas, Swiss, Tata, KFC} -> {ZARA} <=> Confidence: 100.0%
{Adidas, Swiss, Tata, KFC} -> {ZARA, Audi} <=> Confidence: 100.0%
{ZARA, Adidas, Swiss, KFC} -> {Audi} <=> Confidence: 100.0%
{ZARA, Adidas, Swiss, KFC} -> {Tata} <=> Confidence: 100.0%
{ZARA, Adidas, Swiss, KFC} -> {Audi, Tata} <=> Confidence: 100.0%
{Swiss, Poco} -> {ZARA, Audi, OnePlus} <=> Confidence: 100.0%
{Swiss, OnePlus} -> {ZARA, Audi, Poco} <=> Confidence: 100.0%
{ZARA, Swiss, Poco} -> {Audi, OnePlus} <=> Confidence: 100.0%
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{Audi, Swiss, Poco} -> {ZARA, OnePlus} <=> Confidence: 100.0%
{Audi, Swiss, OnePlus} -> {ZARA, Poco} <=> Confidence: 100.0%
{Swiss, Poco, OnePlus} -> {ZARA, Audi} <=> Confidence: 100.0%
```

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{ZARA, Audi, Swiss, Poco} -> {OnePlus} <=> Confidence: 100.0%
{ZARA, Audi, Swiss, OnePlus} -> {Poco} <=> Confidence: 100.0%
{ZARA, Audi, Poco, OnePlus} -> {Swiss} <=> Confidence: 100.0%
{ZARA, Swiss, Poco, OnePlus} -> {Audi} <=> Confidence: 100.0%
{Audi, Swiss, Poco, OnePlus} -> {ZARA} <=> Confidence: 100.0%
{ZARA, Tesla} -> {Bugatti, Swiss, Samsung} <=> Confidence: 100.0%
{ZARA, Tesla} -> {Bugatti, Swiss, Dunkin} <=> Confidence: 100.0%
{ZARA, Tesla} -> {Bugatti, Samsung, Dunkin} <=> Confidence: 100.0%
{ZARA, Tesla} -> {Swiss, Samsung, Dunkin} <=> Confidence: 100.0%
{ZARA, Tesla} -> {Bugatti, Swiss, Samsung, Dunkin} <=> Confidence: 100.0%
{Bugatti, Samsung} -> {ZARA, Tesla, Swiss} <=> Confidence: 50.0%
{Bugatti, Samsung} -> {ZARA, Tesla, Dunkin} <=> Confidence: 50.0%
{Bugatti, Samsung} -> {Tesla, Swiss, Dunkin} <=> Confidence: 50.0%
{Bugatti, Samsung} -> {ZARA, Swiss, Dunkin} <=> Confidence: 50.0%
{Bugatti, Samsung} -> {ZARA, Swiss, MG} <=> Confidence: 50.0%
{Bugatti, Samsung} -> {ZARA, Tesla, Swiss, Dunkin} <=> Confidence: 50.0%
{Swiss, Samsung} -> {ZARA, Bugatti, Tesla} <=> Confidence: 50.0%
{Swiss, Samsung} -> {Bugatti, Tesla, Dunkin} <=> Confidence: 50.0%
{Swiss, Samsung} -> {ZARA, Bugatti, Dunkin} <=> Confidence: 50.0%
{Swiss, Samsung} -> {ZARA, Bugatti, MG} <=> Confidence: 50.0%
{Swiss, Samsung} -> {ZARA, Tesla, Dunkin} <=> Confidence: 50.0%
{Swiss, Samsung} -> {ZARA, Bugatti, Tesla, Dunkin} <=> Confidence: 50.0%
{ZARA, Bugatti, Tesla} -> {Swiss, Samsung} <=> Confidence: 100.0%
{ZARA, Bugatti, Tesla} -> {Swiss, Dunkin} <=> Confidence: 100.0%
{ZARA, Bugatti, Tesla} -> {Samsung, Dunkin} <=> Confidence: 100.0%
{ZARA, Bugatti, Tesla} -> {Swiss, Samsung, Dunkin} <=> Confidence: 100.0%
{ZARA, Bugatti, Samsung} -> {Tesla, Swiss} <=> Confidence: 50.0%
{ZARA, Bugatti, Samsung} -> {Tesla, Dunkin} <=> Confidence: 50.0%
{ZARA, Bugatti, Samsung} -> {Swiss, Dunkin} <=> Confidence: 50.0%
{ZARA, Bugatti, Samsung} -> {Swiss, MG} <=> Confidence: 50.0%
{ZARA, Bugatti, Samsung} -> {Tesla, Swiss, Dunkin} <=> Confidence: 50.0%
{ZARA, Tesla, Swiss} -> {Bugatti, Samsung} <=> Confidence: 100.0%
{ZARA, Tesla, Swiss} -> {Bugatti, Dunkin} <=> Confidence: 100.0%
{ZARA, Tesla, Swiss} -> {Samsung, Dunkin} <=> Confidence: 100.0%
{ZARA, Tesla, Swiss} -> {Bugatti, Samsung, Dunkin} <=> Confidence: 100.0%
{ZARA, Tesla, Samsung} -> {Bugatti, Swiss} <=> Confidence: 100.0%
{ZARA, Tesla, Samsung} -> {Bugatti, Dunkin} <=> Confidence: 100.0%
{ZARA, Tesla, Samsung} -> {Swiss, Dunkin} <=> Confidence: 100.0%
{ZARA, Tesla, Samsung} -> {Bugatti, Swiss, Dunkin} <=> Confidence: 100.0%
{ZARA, Swiss, Samsung} -> {Bugatti, Tesla} <=> Confidence: 50.0%
{ZARA, Swiss, Samsung} -> {Bugatti, Dunkin} <=> Confidence: 50.0%
{ZARA, Swiss, Samsung} -> {Bugatti, MG} <=> Confidence: 50.0%
{ZARA, Swiss, Samsung} -> {Tesla, Dunkin} <=> Confidence: 50.0%
{ZARA, Swiss, Samsung} -> {Bugatti, Tesla, Dunkin} <=> Confidence: 50.0%
{Bugatti, Tesla, Swiss} -> {ZARA, Samsung} <=> Confidence: 100.0%
{Bugatti, Tesla, Swiss} -> {ZARA, Dunkin} <=> Confidence: 100.0%
```

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{Bugatti, Tesla, Swiss} -> {Samsung, Dunkin} <=> Confidence: 100.0%
{Bugatti, Tesla, Swiss} -> {ZARA, Samsung, Dunkin} <=> Confidence: 100.0%
{Bugatti, Tesla, Samsung} -> {ZARA, Swiss} <=> Confidence: 100.0%
{Bugatti, Tesla, Samsung} -> {ZARA, Dunkin} <=> Confidence: 100.0%
{Bugatti, Tesla, Samsung} -> {Swiss, Dunkin} <=> Confidence: 100.0%
{Bugatti, Tesla, Samsung} -> {ZARA, Swiss, Dunkin} <=> Confidence: 100.0%
{Bugatti, Swiss, Samsung} -> {ZARA, Tesla} <=> Confidence: 50.0%
{Bugatti, Swiss, Samsung} -> {Tesla, Dunkin} <=> Confidence: 50.0%
{Bugatti, Swiss, Samsung} -> {ZARA, Dunkin} <=> Confidence: 50.0%
{Bugatti, Swiss, Samsung} -> {ZARA, MG} <=> Confidence: 50.0%
{Bugatti, Swiss, Samsung} -> {ZARA, Tesla, Dunkin} <=> Confidence: 50.0%
{Tesla, Swiss, Samsung} -> {ZARA, Bugatti} <=> Confidence: 100.0%
{Tesla, Swiss, Samsung} -> {Bugatti, Dunkin} <=> Confidence: 100.0%
{Tesla, Swiss, Samsung} -> {ZARA, Dunkin} <=> Confidence: 100.0%
{Tesla, Swiss, Samsung} -> {ZARA, Bugatti, Dunkin} <=> Confidence: 100.0%
{ZARA, Bugatti, Tesla, Swiss} -> {Samsung} <=> Confidence: 100.0%
{ZARA, Bugatti, Tesla, Swiss} -> {Dunkin} <=> Confidence: 100.0%
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{ZARA, Bugatti, Swiss, Samsung} -> {Dunkin} <=> Confidence: 50.0%
{ZARA, Bugatti, Swiss, Samsung} -> {MG} <=> Confidence: 50.0%
{ZARA, Bugatti, Swiss, Samsung} -> {Tesla, Dunkin} <=> Confidence: 50.0%
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{Swiss, Dunkin} -> {ZARA, Bugatti, Tesla} <=> Confidence: 100.0%
{Swiss, Dunkin} -> {Bugatti, Tesla, Samsung} <=> Confidence: 100.0%
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{Swiss, Dunkin} -> {ZARA, Tesla, Samsung} <=> Confidence: 100.0%
{Swiss, Dunkin} -> {ZARA, Bugatti, Tesla, Samsung} <=> Confidence: 100.0%
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{ZARA, Swiss, Dunkin} -> {Tesla, Samsung} <=> Confidence: 100.0%
{ZARA, Swiss, Dunkin} -> {Bugatti, Tesla, Samsung} <=> Confidence: 100.0%
{Bugatti, Tesla, Dunkin} -> {ZARA, Swiss} <=> Confidence: 100.0%
{Bugatti, Tesla, Dunkin} -> {ZARA, Samsung} <=> Confidence: 100.0%
```

```
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{Bugatti, Swiss, Dunkin} -> {ZARA, Tesla} <=> Confidence: 100.0%
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{Bugatti, Swiss, Dunkin} -> {ZARA, Tesla, Samsung} <=> Confidence: 100.0%
{Tesla, Swiss, Dunkin} -> {ZARA, Bugatti} <=> Confidence: 100.0%
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{ZARA, Bugatti, Tesla, Dunkin} -> {Samsung} <=> Confidence: 100.0%
{ZARA, Bugatti, Tesla, Dunkin} -> {Swiss, Samsung} <=> Confidence: 100.0%
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{Bugatti, Samsung, Dunkin} -> {Tesla, Swiss} <=> Confidence: 100.0%
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{ZARA, Bugatti, Samsung, Dunkin} -> {Tesla} <=> Confidence: 100.0%
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{Swiss, Samsung, Dunkin} -> {ZARA, Bugatti, Tesla} <=> Confidence: 100.0%
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{Bugatti, Swiss, Samsung, Dunkin} -> {ZARA} <=> Confidence: 100.0%
{Bugatti, Swiss, Samsung, Dunkin} -> {ZARA, Tesla} <=> Confidence: 100.0%
{Tesla, Swiss, Samsung, Dunkin} -> {Bugatti} <=> Confidence: 100.0%
{Tesla, Swiss, Samsung, Dunkin} -> {ZARA} <=> Confidence: 100.0%
{Tesla, Swiss, Samsung, Dunkin} -> {ZARA, Bugatti} <=> Confidence: 100.0%
{Bugatti, Seiko} -> {FILA, Omega, H&M} <=> Confidence: 100.0%
```

```
{Bugatti, Seiko} -> {Wendys, Omega, H&M} <=> Confidence: 100.0%
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{FILA, Omega} -> {Wendys, Seiko, H&M} <=> Confidence: 100.0%
{FILA, Omega} -> {Bugatti, Wendys, Seiko, H&M} <=> Confidence: 100.0%
{FILA, H&M} -> {Bugatti, Seiko, Omega} <=> Confidence: 100.0%
{FILA, H&M} -> {Bugatti, Wendys, Seiko} <=> Confidence: 100.0%
{FILA, H&M} -> {Bugatti, Wendys, Omega} <=> Confidence: 100.0%
{FILA, H&M} -> {Wendys, Seiko, Omega} <=> Confidence: 100.0%
{FILA, H&M} -> {Bugatti, Wendys, Seiko, Omega} <=> Confidence: 100.0%
{Bugatti, Seiko, FILA} -> {Omega, H&M} <=> Confidence: 100.0%
{Bugatti, Seiko, FILA} -> {Wendys, H&M} <=> Confidence: 100.0%
{Bugatti, Seiko, FILA} -> {Wendys, Omega} <=> Confidence: 100.0%
{Bugatti, Seiko, FILA} -> {Wendys, Omega, H&M} <=> Confidence: 100.0%
{Bugatti, Seiko, Omega} -> {FILA, H&M} <=> Confidence: 100.0%
{Bugatti, Seiko, Omega} -> {Wendys, H&M} <=> Confidence: 100.0%
{Bugatti, Seiko, Omega} -> {Wendys, FILA} <=> Confidence: 100.0%
{Bugatti, Seiko, Omega} -> {Wendys, FILA, H&M} <=> Confidence: 100.0%
{Bugatti, Seiko, H&M} -> {FILA, Omega} <=> Confidence: 100.0%
{Bugatti, Seiko, H&M} -> {Wendys, Omega} <=> Confidence: 100.0%
{Bugatti, Seiko, H&M} -> {Wendys, FILA} <=> Confidence: 100.0%
{Bugatti, Seiko, H&M} -> {Wendys, FILA, Omega} <=> Confidence: 100.0%
{Bugatti, FILA, Omega} -> {Seiko, H&M} <=> Confidence: 100.0%
{Bugatti, FILA, Omega} -> {Wendys, H&M} <=> Confidence: 100.0%
{Bugatti, FILA, Omega} -> {Wendys, Seiko} <=> Confidence: 100.0%
{Bugatti, FILA, Omega} -> {Wendys, Seiko, H&M} <=> Confidence: 100.0%
{Bugatti, FILA, H&M} -> {Seiko, Omega} <=> Confidence: 100.0%
{Bugatti, FILA, H&M} -> {Wendys, Seiko} <=> Confidence: 100.0%
{Bugatti, FILA, H&M} -> {Wendys, Omega} <=> Confidence: 100.0%
{Bugatti, FILA, H&M} -> {Wendys, Seiko, Omega} <=> Confidence: 100.0%
{Bugatti, Omega, H&M} -> {Seiko, FILA} <=> Confidence: 100.0%
{Bugatti, Omega, H&M} -> {Wendys, Seiko} <=> Confidence: 100.0%
{Bugatti, Omega, H&M} -> {Wendys, FILA} <=> Confidence: 100.0%
{Bugatti, Omega, H&M} -> {Wendys, Seiko, FILA} <=> Confidence: 100.0%
{Seiko, FILA, Omega} -> {Bugatti, H&M} <=> Confidence: 100.0%
{Seiko, FILA, Omega} -> {Bugatti, Wendys} <=> Confidence: 100.0%
{Seiko, FILA, Omega} -> {Wendys, H&M} <=> Confidence: 100.0%
```

```
{Seiko, FILA, Omega} -> {Bugatti, Wendys, H&M} <=> Confidence: 100.0%
{Seiko, FILA, H&M} -> {Bugatti, Omega} <=> Confidence: 100.0%
{Seiko, FILA, H&M} -> {Bugatti, Wendys} <=> Confidence: 100.0%
{Seiko, FILA, H&M} -> {Wendys, Omega} <=> Confidence: 100.0%
{Seiko, FILA, H&M} -> {Bugatti, Wendys, Omega} <=> Confidence: 100.0%
{FILA, Omega, H&M} -> {Bugatti, Seiko} <=> Confidence: 100.0%
{FILA, Omega, H&M} -> {Bugatti, Wendys} <=> Confidence: 100.0%
{FILA, Omega, H&M} -> {Wendys, Seiko} <=> Confidence: 100.0%
{FILA, Omega, H&M} -> {Bugatti, Wendys, Seiko} <=> Confidence: 100.0%
{Bugatti, Seiko, FILA, Omega} -> {H&M} <=> Confidence: 100.0%
{Bugatti, Seiko, FILA, Omega} -> {Wendys} <=> Confidence: 100.0%
{Bugatti, Seiko, FILA, Omega} -> {Wendys, H&M} <=> Confidence: 100.0%
{Bugatti, Seiko, FILA, H&M} -> {Omega} <=> Confidence: 100.0%
{Bugatti, Seiko, FILA, H&M} -> {Wendys} <=> Confidence: 100.0%
{Bugatti, Seiko, FILA, H&M} -> {Wendys, Omega} <=> Confidence: 100.0%
{Bugatti, Seiko, Omega, H&M} -> {FILA} <=> Confidence: 100.0%
{Bugatti, Seiko, Omega, H&M} -> {Wendys} <=> Confidence: 100.0%
{Bugatti, Seiko, Omega, H&M} -> {Wendys, FILA} <=> Confidence: 100.0%
{Bugatti, FILA, Omega, H&M} -> {Seiko} <=> Confidence: 100.0%
{Bugatti, FILA, Omega, H&M} -> {Wendys} <=> Confidence: 100.0%
{Bugatti, FILA, Omega, H&M} -> {Wendys, Seiko} <=> Confidence: 100.0%
{Seiko, FILA, Omega, H&M} -> {Bugatti} <=> Confidence: 100.0%
{Seiko, FILA, Omega, H&M} -> {Wendys} <=> Confidence: 100.0%
{Seiko, FILA, Omega, H&M} -> {Bugatti, Wendys} <=> Confidence: 100.0%
{Wendys, Seiko} -> {Bugatti, Omega, H&M} <=> Confidence: 100.0%
{Wendys, Seiko} -> {Bugatti, FILA, H&M} <=> Confidence: 100.0%
{Wendys, Seiko} -> {Bugatti, FILA, Omega} <=> Confidence: 100.0%
{Wendys, Seiko} -> {FILA, Omega, H&M} <=> Confidence: 100.0%
{Wendys, Seiko} -> {Bugatti, FILA, Omega, H&M} <=> Confidence: 100.0%
{Wendys, Omega} -> {Bugatti, Seiko, H&M} <=> Confidence: 100.0%
{Wendys, Omega} -> {Bugatti, FILA, H&M} <=> Confidence: 100.0%
{Wendys, Omega} -> {Bugatti, Seiko, FILA} <=> Confidence: 100.0%
{Wendys, Omega} -> {Seiko, FILA, H&M} <=> Confidence: 100.0%
{Wendys, Omega} -> {Bugatti, Seiko, FILA, H&M} <=> Confidence: 100.0%
{Wendys, H&M} -> {Bugatti, Seiko, Omega} <=> Confidence: 100.0%
{Wendys, H&M} -> {Bugatti, Seiko, FILA} <=> Confidence: 100.0%
{Wendys, H&M} -> {Bugatti, FILA, Omega} <=> Confidence: 100.0%
{Wendys, H&M} -> {Seiko, FILA, Omega} <=> Confidence: 100.0%
{Wendys, H&M} -> {Bugatti, Seiko, FILA, Omega} <=> Confidence: 100.0%
{Bugatti, Wendys, Seiko} -> {Omega, H&M} <=> Confidence: 100.0%
{Bugatti, Wendys, Seiko} -> {FILA, H&M} <=> Confidence: 100.0%
{Bugatti, Wendys, Seiko} -> {FILA, Omega} <=> Confidence: 100.0%
{Bugatti, Wendys, Seiko} -> {FILA, Omega, H&M} <=> Confidence: 100.0%
{Bugatti, Wendys, Omega} -> {Seiko, H&M} <=> Confidence: 100.0%
{Bugatti, Wendys, Omega} -> {FILA, H&M} <=> Confidence: 100.0%
{Bugatti, Wendys, Omega} -> {Seiko, FILA} <=> Confidence: 100.0%
```

```
{Bugatti, Wendys, Omega} -> {Seiko, FILA, H&M} <=> Confidence: 100.0%
{Bugatti, Wendys, H&M} -> {Seiko, Omega} <=> Confidence: 100.0%
{Bugatti, Wendys, H&M} -> {Seiko, FILA} <=> Confidence: 100.0%
{Bugatti, Wendys, H&M} -> {FILA, Omega} <=> Confidence: 100.0%
{Bugatti, Wendys, H&M} -> {Seiko, FILA, Omega} <=> Confidence: 100.0%
{Wendys, Seiko, Omega} -> {Bugatti, H&M} <=> Confidence: 100.0%
{Wendys, Seiko, Omega} -> {Bugatti, FILA} <=> Confidence: 100.0%
{Wendys, Seiko, Omega} -> {FILA, H&M} <=> Confidence: 100.0%
{Wendys, Seiko, Omega} -> {Bugatti, FILA, H&M} <=> Confidence: 100.0%
{Wendys, Seiko, H&M} -> {Bugatti, Omega} <=> Confidence: 100.0%
{Wendys, Seiko, H&M} -> {Bugatti, FILA} <=> Confidence: 100.0%
{Wendys, Seiko, H&M} -> {FILA, Omega} <=> Confidence: 100.0%
{Wendys, Seiko, H&M} -> {Bugatti, FILA, Omega} <=> Confidence: 100.0%
{Wendys, Omega, H&M} -> {Bugatti, Seiko} <=> Confidence: 100.0%
{Wendys, Omega, H&M} -> {Bugatti, FILA} <=> Confidence: 100.0%
{Wendys, Omega, H&M} -> {Seiko, FILA} <=> Confidence: 100.0%
{Wendys, Omega, H&M} -> {Bugatti, Seiko, FILA} <=> Confidence: 100.0%
{Bugatti, Wendys, Seiko, Omega} -> {H&M} <=> Confidence: 100.0%
{Bugatti, Wendys, Seiko, Omega} -> {FILA} <=> Confidence: 100.0%
{Bugatti, Wendys, Seiko, Omega} -> {FILA, H&M} <=> Confidence: 100.0%
{Bugatti, Wendys, Seiko, H&M} -> {Omega} <=> Confidence: 100.0%
{Bugatti, Wendys, Seiko, H&M} -> {FILA} <=> Confidence: 100.0%
{Bugatti, Wendys, Seiko, H&M} -> {FILA, Omega} <=> Confidence: 100.0%
{Bugatti, Wendys, Omega, H&M} -> {Seiko} <=> Confidence: 100.0%
{Bugatti, Wendys, Omega, H&M} -> {FILA} <=> Confidence: 100.0%
{Bugatti, Wendys, Omega, H&M} -> {Seiko, FILA} <=> Confidence: 100.0%
{Wendys, Seiko, Omega, H&M} -> {Bugatti} <=> Confidence: 100.0%
{Wendys, Seiko, Omega, H&M} -> {FILA} <=> Confidence: 100.0%
{Wendys, Seiko, Omega, H&M} -> {Bugatti, FILA} <=> Confidence: 100.0%
{Wendys, FILA} -> {Bugatti, Seiko, H&M} <=> Confidence: 100.0%
{Wendys, FILA} -> {Bugatti, Omega, H&M} <=> Confidence: 100.0%
{Wendys, FILA} -> {Bugatti, Seiko, Omega} <=> Confidence: 100.0%
{Wendys, FILA} -> {Seiko, Omega, H&M} <=> Confidence: 100.0%
{Wendys, FILA} -> {Bugatti, Seiko, Omega, H&M} <=> Confidence: 100.0%
{Bugatti, Wendys, FILA} -> {Seiko, H&M} <=> Confidence: 100.0%
{Bugatti, Wendys, FILA} -> {Omega, H&M} <=> Confidence: 100.0%
{Bugatti, Wendys, FILA} -> {Seiko, Omega} <=> Confidence: 100.0%
{Bugatti, Wendys, FILA} -> {Seiko, Omega, H&M} <=> Confidence: 100.0%
{Wendys, Seiko, FILA} -> {Bugatti, H&M} <=> Confidence: 100.0%
{Wendys, Seiko, FILA} -> {Bugatti, Omega} <=> Confidence: 100.0%
{Wendys, Seiko, FILA} -> {Omega, H&M} <=> Confidence: 100.0%
{Wendys, Seiko, FILA} -> {Bugatti, Omega, H&M} <=> Confidence: 100.0%
{Wendys, FILA, H&M} -> {Bugatti, Seiko} <=> Confidence: 100.0%
{Wendys, FILA, H&M} -> {Bugatti, Omega} <=> Confidence: 100.0%
{Wendys, FILA, H&M} -> {Seiko, Omega} <=> Confidence: 100.0%
{Wendys, FILA, H&M} -> {Bugatti, Seiko, Omega} <=> Confidence: 100.0%
```

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{Bugatti, Wendys, Seiko, FILA} -> {H&M} <=> Confidence: 100.0%
{Bugatti, Wendys, Seiko, FILA} -> {Omega} <=> Confidence: 100.0%
{Bugatti, Wendys, Seiko, FILA} -> {Omega, H&M} <=> Confidence: 100.0%
{Bugatti, Wendys, FILA, H&M} -> {Seiko} <=> Confidence: 100.0%
{Bugatti, Wendys, FILA, H&M} -> {Omega} <=> Confidence: 100.0%
{Bugatti, Wendys, FILA, H&M} -> {Seiko, Omega} <=> Confidence: 100.0%
{Wendys, Seiko, FILA, H&M} -> {Bugatti} <=> Confidence: 100.0%
{Wendys, Seiko, FILA, H&M} -> {Omega} <=> Confidence: 100.0%
{Wendys, Seiko, FILA, H&M} -> {Bugatti, Omega} <=> Confidence: 100.0%
{Wendys, FILA, Omega} -> {Bugatti, H&M} <=> Confidence: 100.0%
{Wendys, FILA, Omega} -> {Bugatti, Seiko} <=> Confidence: 100.0%
{Wendys, FILA, Omega} -> {Seiko, H&M} <=> Confidence: 100.0%
{Wendys, FILA, Omega} -> {Bugatti, Seiko, H&M} <=> Confidence: 100.0%
{Bugatti, Wendys, FILA, Omega} -> {H&M} <=> Confidence: 100.0%
{Bugatti, Wendys, FILA, Omega} -> {Seiko} <=> Confidence: 100.0%
{Bugatti, Wendys, FILA, Omega} -> {Seiko, H&M} <=> Confidence: 100.0%
{Wendys, FILA, Omega, H&M} -> {Bugatti} <=> Confidence: 100.0%
{Wendys, FILA, Omega, H&M} -> {Seiko} <=> Confidence: 100.0%
{Wendys, FILA, Omega, H&M} -> {Bugatti, Seiko} <=> Confidence: 100.0%
{ZARA, Swiss, Samsung, Dunkin} -> {Bugatti} <=> Confidence: 100.0%
{ZARA, Swiss, Samsung, Dunkin} -> {Tesla} <=> Confidence: 100.0%
{ZARA, Swiss, Samsung, Dunkin} -> {Bugatti, Tesla} <=> Confidence: 100.0%
{Swiss, MG} -> {ZARA, Bugatti, Samsung} <=> Confidence: 100.0%
{ZARA, Swiss, MG} -> {Bugatti, Samsung} <=> Confidence: 100.0%
{Bugatti, Swiss, MG} -> {ZARA, Samsung} <=> Confidence: 100.0%
{Bugatti, Samsung, MG} -> {ZARA, Swiss} <=> Confidence: 100.0%
{Swiss, Samsung, MG} -> {ZARA, Bugatti} <=> Confidence: 100.0%
{ZARA, Bugatti, Swiss, MG} -> {Samsung} <=> Confidence: 100.0%
{ZARA, Bugatti, Samsung, MG} -> {Swiss} <=> Confidence: 100.0%
{ZARA, Swiss, Samsung, MG} -> {Bugatti} <=> Confidence: 100.0%
{Bugatti, Swiss, Samsung, MG} -> {ZARA} <=> Confidence: 100.0%
{Wendys, Seiko, FILA, Omega} -> {Bugatti} <=> Confidence: 100.0%
{Wendys, Seiko, FILA, Omega} -> {H&M} <=> Confidence: 100.0%
{Wendys, Seiko, FILA, Omega} -> {Bugatti, H&M} <=> Confidence: 100.0%
{Microsoft, Kia} -> {Bugatti, Casio, Dior} <=> Confidence: 50.0%
{Microsoft, Kia} -> {Casio, Dior, MG} <=> Confidence: 50.0%
{Microsoft, Kia} -> {Dominos, Casio, MG} <=> Confidence: 50.0%
{Microsoft, Kia} -> {Dominos, Dior, MG} <=> Confidence: 50.0%
{Microsoft, Kia} -> {Dominos, Casio, Dior} <=> Confidence: 50.0%
{Microsoft, Kia} -> {Dominos, Casio, Dior, MG} <=> Confidence: 50.0%
{Bugatti, Microsoft, Kia} -> {Casio, Dior} <=> Confidence: 100.0%
{Casio, Microsoft, Kia} -> {Bugatti, Dior} <=> Confidence: 50.0%
{Casio, Microsoft, Kia} -> {Dior, MG} <=> Confidence: 50.0%
{Casio, Microsoft, Kia} -> {Dominos, MG} <=> Confidence: 50.0%
{Casio, Microsoft, Kia} -> {Dominos, Dior} <=> Confidence: 50.0%
{Casio, Microsoft, Kia} -> {Dominos, Dior, MG} <=> Confidence: 50.0%
```

```
{Dior, Microsoft, Kia} -> {Bugatti, Casio} <=> Confidence: 50.0%
{Dior, Microsoft, Kia} -> {Casio, MG} <=> Confidence: 50.0%
{Dior, Microsoft, Kia} -> {Dominos, MG} <=> Confidence: 50.0%
{Dior, Microsoft, Kia} -> {Dominos, Casio} <=> Confidence: 50.0%
{Dior, Microsoft, Kia} -> {Dominos, Casio, MG} <=> Confidence: 50.0%
{Bugatti, Casio, Dior, Microsoft} -> {Kia} <=> Confidence: 100.0%
{Bugatti, Casio, Dior, Kia} -> {Microsoft} <=> Confidence: 100.0%
{Bugatti, Casio, Microsoft, Kia} -> {Dior} <=> Confidence: 100.0%
{Bugatti, Dior, Microsoft, Kia} -> {Casio} <=> Confidence: 100.0%
{Casio, Dior, Microsoft, Kia} -> {Bugatti} <=> Confidence: 50.0%
{Casio, Dior, Microsoft, Kia} -> {MG} <=> Confidence: 50.0%
{Casio, Dior, Microsoft, Kia} -> {Dominos} <=> Confidence: 50.0%
{Casio, Dior, Microsoft, Kia} -> {Dominos, MG} <=> Confidence: 50.0%
{Adidas, Tesla} -> {IQOO, Samsung, Hublot} <=> Confidence: 100.0%
{Adidas, Samsung} -> {Tesla, IQOO, Hublot} <=> Confidence: 100.0%
{IOOO, Samsung} -> {Adidas, Tesla, Hublot} <=> Confidence: 100.0%
{IQOO, Hublot} -> {Adidas, Tesla, Samsung} <=> Confidence: 100.0%
{Adidas, Tesla, IQOO} -> {Samsung, Hublot} <=> Confidence: 100.0%
{Adidas, Tesla, Samsung} -> {IQOO, Hublot} <=> Confidence: 100.0%
{Adidas, Tesla, Hublot} -> {IQOO, Samsung} <=> Confidence: 100.0%
{Adidas, IQOO, Samsung} -> {Tesla, Hublot} <=> Confidence: 100.0%
{Adidas, IQOO, Hublot} -> {Tesla, Samsung} <=> Confidence: 100.0%
{Adidas, Samsung, Hublot} -> {Tesla, IQOO} <=> Confidence: 100.0%
{Tesla, IQOO, Samsung} -> {Adidas, Hublot} <=> Confidence: 100.0%
{Tesla, IQOO, Hublot} -> {Adidas, Samsung} <=> Confidence: 100.0%
{IQOO, Samsung, Hublot} -> {Adidas, Tesla} <=> Confidence: 100.0%
{Adidas, Tesla, IQOO, Samsung} -> {Hublot} <=> Confidence: 100.0%
{Adidas, Tesla, IQOO, Hublot} -> {Samsung} <=> Confidence: 100.0%
{Adidas, Tesla, Samsung, Hublot} -> {IQOO} <=> Confidence: 100.0%
{Adidas, IQOO, Samsung, Hublot} -> {Tesla} <=> Confidence: 100.0%
{Tesla, IQOO, Samsung, Hublot} -> {Adidas} <=> Confidence: 100.0%
{Hermes, BMW} -> {Poco, ROG, Fossil} <=> Confidence: 100.0%
{Hermes, Poco} -> {BMW, ROG, Fossil} <=> Confidence: 100.0%
{Hermes, BMW, Poco} -> {ROG, Fossil} <=> Confidence: 100.0%
{Hermes, BMW, ROG} -> {Poco, Fossil} <=> Confidence: 100.0%
{Hermes, BMW, Fossil} -> {Poco, ROG} <=> Confidence: 100.0%
{Hermes, Poco, ROG} -> {BMW, Fossil} <=> Confidence: 100.0%
{Hermes, Poco, Fossil} -> {BMW, ROG} <=> Confidence: 100.0%
{Hermes, BMW, Poco, ROG} -> {Fossil} <=> Confidence: 100.0%
{Hermes, BMW, Poco, Fossil} -> {ROG} <=> Confidence: 100.0%
{Hermes, BMW, ROG, Fossil} -> {Poco} <=> Confidence: 100.0%
{Hermes, Poco, ROG, Fossil} -> {BMW} <=> Confidence: 100.0%
{BMW, Poco, ROG, Fossil} -> {Hermes} <=> Confidence: 100.0%
{Hermes, MG} -> {Casio, Chanel, Fossil} <=> Confidence: 50.0%
{Casio, MG} -> {Hermes, Chanel, Fossil} <=> Confidence: 50.0%
{Casio, MG} -> {Dior, Microsoft, Kia} <=> Confidence: 50.0%
```

```
{Casio, MG} -> {Dominos, Dior, Kia} <=> Confidence: 50.0%
{Casio, MG} -> {Dominos, Dior, Microsoft} <=> Confidence: 50.0%
{Casio, MG} -> {Dominos, Microsoft, Kia} <=> Confidence: 50.0%
{Casio, MG} -> {Dominos, Dior, Microsoft, Kia} <=> Confidence: 50.0%
{Chanel, MG} -> {Hermes, Casio, Fossil} <=> Confidence: 100.0%
{Hermes, Casio, MG} -> {Chanel, Fossil} <=> Confidence: 100.0%
{Hermes, Chanel, MG} -> {Casio, Fossil} <=> Confidence: 100.0%
{Hermes, MG, Fossil} -> {Casio, Chanel} <=> Confidence: 50.0%
{Casio, Chanel, MG} -> {Hermes, Fossil} <=> Confidence: 100.0%
{Casio, MG, Fossil} -> {Hermes, Chanel} <=> Confidence: 100.0%
{Chanel, MG, Fossil} -> {Hermes, Casio} <=> Confidence: 100.0%
{Hermes, Casio, Chanel, MG} -> {Fossil} <=> Confidence: 100.0%
{Hermes, Casio, Chanel, Fossil} -> {MG} <=> Confidence: 100.0%
{Hermes, Casio, MG, Fossil} -> {Chanel} <=> Confidence: 100.0%
{Hermes, Chanel, MG, Fossil} -> {Casio} <=> Confidence: 100.0%
{Casio, Chanel, MG, Fossil} -> {Hermes} <=> Confidence: 100.0%
{Pagani, Puma} -> {Oppo, Tata, Omega} <=> Confidence: 100.0%
{Pagani, Puma} -> {Chipotle, Oppo, Tata} <=> Confidence: 100.0%
{Pagani, Puma} -> {Chipotle, Oppo, Omega} <=> Confidence: 100.0%
{Pagani, Puma} -> {Chipotle, Tata, Omega} <=> Confidence: 100.0%
{Pagani, Puma} -> {Chipotle, Oppo, Tata, Omega} <=> Confidence: 100.0%
{Pagani, Omega} -> {Oppo, Tata, Puma} <=> Confidence: 100.0%
{Pagani, Omega} -> {Chipotle, Oppo, Tata} <=> Confidence: 100.0%
{Pagani, Omega} -> {Chipotle, Oppo, Puma} <=> Confidence: 100.0%
{Pagani, Omega} -> {Chipotle, Tata, Puma} <=> Confidence: 100.0%
{Pagani, Omega} -> {Chipotle, Oppo, Tata, Puma} <=> Confidence: 100.0%
{Oppo, Puma} -> {Pagani, Tata, Omega} <=> Confidence: 100.0%
{Oppo, Puma} -> {Chipotle, Tata, Omega} <=> Confidence: 100.0%
{Oppo, Puma} -> {Pagani, Chipotle, Tata} <=> Confidence: 100.0%
{Oppo, Puma} -> {Pagani, Chipotle, Omega} <=> Confidence: 100.0%
{Oppo, Puma} -> {Pagani, Chipotle, Tata, Omega} <=> Confidence: 100.0%
{Oppo, Omega} -> {Pagani, Tata, Puma} <=> Confidence: 100.0%
{Oppo, Omega} -> {Pagani, Chipotle, Tata} <=> Confidence: 100.0%
{Oppo, Omega} -> {Chipotle, Tata, Puma} <=> Confidence: 100.0%
{Oppo, Omega} -> {Pagani, Chipotle, Puma} <=> Confidence: 100.0%
{Oppo, Omega} -> {Pagani, Chipotle, Tata, Puma} <=> Confidence: 100.0%
{Tata, Puma} -> {Pagani, Oppo, Omega} <=> Confidence: 100.0%
{Tata, Puma} -> {Chipotle, Oppo, Omega} <=> Confidence: 100.0%
{Tata, Puma} -> {Pagani, Chipotle, Oppo} <=> Confidence: 100.0%
{Tata, Puma} -> {Pagani, Chipotle, Omega} <=> Confidence: 100.0%
{Tata, Puma} -> {Pagani, Chipotle, Oppo, Omega} <=> Confidence: 100.0%
{Tata, Omega} -> {Pagani, Oppo, Puma} <=> Confidence: 100.0%
{Tata, Omega} -> {Pagani, Chipotle, Oppo} <=> Confidence: 100.0%
{Tata, Omega} -> {Chipotle, Oppo, Puma} <=> Confidence: 100.0%
{Tata, Omega} -> {Pagani, Chipotle, Puma} <=> Confidence: 100.0%
{Tata, Omega} -> {Pagani, Chipotle, Oppo, Puma} <=> Confidence: 100.0%
```

```
{Pagani, Oppo, Puma} -> {Tata, Omega} <=> Confidence: 100.0%
{Pagani, Oppo, Puma} -> {Chipotle, Tata} <=> Confidence: 100.0%
{Pagani, Oppo, Puma} -> {Chipotle, Omega} <=> Confidence: 100.0%
{Pagani, Oppo, Puma} -> {Chipotle, Tata, Omega} <=> Confidence: 100.0%
{Pagani, Oppo, Omega} -> {Tata, Puma} <=> Confidence: 100.0%
{Pagani, Oppo, Omega} -> {Chipotle, Tata} <=> Confidence: 100.0%
{Pagani, Oppo, Omega} -> {Chipotle, Puma} <=> Confidence: 100.0%
{Pagani, Oppo, Omega} -> {Chipotle, Tata, Puma} <=> Confidence: 100.0%
{Pagani, Tata, Puma} -> {Oppo, Omega} <=> Confidence: 100.0%
{Pagani, Tata, Puma} -> {Chipotle, Oppo} <=> Confidence: 100.0%
{Pagani, Tata, Puma} -> {Chipotle, Omega} <=> Confidence: 100.0%
{Pagani, Tata, Puma} -> {Chipotle, Oppo, Omega} <=> Confidence: 100.0%
{Pagani, Tata, Omega} -> {Oppo, Puma} <=> Confidence: 100.0%
{Pagani, Tata, Omega} -> {Chipotle, Oppo} <=> Confidence: 100.0%
{Pagani, Tata, Omega} -> {Chipotle, Puma} <=> Confidence: 100.0%
{Pagani, Tata, Omega} -> {Chipotle, Oppo, Puma} <=> Confidence: 100.0%
{Pagani, Puma, Omega} -> {Oppo, Tata} <=> Confidence: 100.0%
{Pagani, Puma, Omega} -> {Chipotle, Oppo} <=> Confidence: 100.0%
{Pagani, Puma, Omega} -> {Chipotle, Tata} <=> Confidence: 100.0%
{Pagani, Puma, Omega} -> {Chipotle, Oppo, Tata} <=> Confidence: 100.0%
{Oppo, Tata, Puma} -> {Pagani, Omega} <=> Confidence: 100.0%
{Oppo, Tata, Puma} -> {Chipotle, Omega} <=> Confidence: 100.0%
{Oppo, Tata, Puma} -> {Pagani, Chipotle} <=> Confidence: 100.0%
{Oppo, Tata, Puma} -> {Pagani, Chipotle, Omega} <=> Confidence: 100.0%
{Oppo, Tata, Omega} -> {Pagani, Puma} <=> Confidence: 100.0%
{Oppo, Tata, Omega} -> {Pagani, Chipotle} <=> Confidence: 100.0%
{Oppo, Tata, Omega} -> {Chipotle, Puma} <=> Confidence: 100.0%
{Oppo, Tata, Omega} -> {Pagani, Chipotle, Puma} <=> Confidence: 100.0%
{Oppo, Puma, Omega} -> {Pagani, Tata} <=> Confidence: 100.0%
{Oppo, Puma, Omega} -> {Chipotle, Tata} <=> Confidence: 100.0%
{Oppo, Puma, Omega} -> {Pagani, Chipotle} <=> Confidence: 100.0%
{Oppo, Puma, Omega} -> {Pagani, Chipotle, Tata} <=> Confidence: 100.0%
{Tata, Puma, Omega} -> {Pagani, Oppo} <=> Confidence: 100.0%
{Tata, Puma, Omega} -> {Chipotle, Oppo} <=> Confidence: 100.0%
{Tata, Puma, Omega} -> {Pagani, Chipotle} <=> Confidence: 100.0%
{Tata, Puma, Omega} -> {Pagani, Chipotle, Oppo} <=> Confidence: 100.0%
{Pagani, Oppo, Tata, Puma} -> {Omega} <=> Confidence: 100.0%
{Pagani, Oppo, Tata, Puma} -> {Chipotle} <=> Confidence: 100.0%
{Pagani, Oppo, Tata, Puma} -> {Chipotle, Omega} <=> Confidence: 100.0%
{Pagani, Oppo, Tata, Omega} -> {Puma} <=> Confidence: 100.0%
{Pagani, Oppo, Tata, Omega} -> {Chipotle} <=> Confidence: 100.0%
{Pagani, Oppo, Tata, Omega} -> {Chipotle, Puma} <=> Confidence: 100.0%
{Pagani, Oppo, Puma, Omega} -> {Tata} <=> Confidence: 100.0%
{Pagani, Oppo, Puma, Omega} -> {Chipotle} <=> Confidence: 100.0%
{Pagani, Oppo, Puma, Omega} -> {Chipotle, Tata} <=> Confidence: 100.0%
{Pagani, Tata, Puma, Omega} -> {Oppo} <=> Confidence: 100.0%
```

```
{Pagani, Tata, Puma, Omega} -> {Chipotle} <=> Confidence: 100.0%
{Pagani, Tata, Puma, Omega} -> {Chipotle, Oppo} <=> Confidence: 100.0%
{Oppo, Tata, Puma, Omega} -> {Pagani} <=> Confidence: 100.0%
{Oppo, Tata, Puma, Omega} -> {Chipotle} <=> Confidence: 100.0%
{Oppo, Tata, Puma, Omega} -> {Pagani, Chipotle} <=> Confidence: 100.0%
{Chipotle, Omega} -> {Pagani, Oppo, Tata} <=> Confidence: 100.0%
{Chipotle, Omega} -> {Oppo, Tata, Puma} <=> Confidence: 100.0%
{Chipotle, Omega} -> {Pagani, Oppo, Puma} <=> Confidence: 100.0%
{Chipotle, Omega} -> {Pagani, Tata, Puma} <=> Confidence: 100.0%
{Chipotle, Omega} -> {Pagani, Oppo, Tata, Puma} <=> Confidence: 100.0%
{Pagani, Chipotle, Omega} -> {Oppo, Tata} <=> Confidence: 100.0%
{Pagani, Chipotle, Omega} -> {Oppo, Puma} <=> Confidence: 100.0%
{Pagani, Chipotle, Omega} -> {Tata, Puma} <=> Confidence: 100.0%
{Pagani, Chipotle, Omega} -> {Oppo, Tata, Puma} <=> Confidence: 100.0%
{Chipotle, Oppo, Omega} -> {Pagani, Tata} <=> Confidence: 100.0%
{Chipotle, Oppo, Omega} -> {Tata, Puma} <=> Confidence: 100.0%
{Chipotle, Oppo, Omega} -> {Pagani, Puma} <=> Confidence: 100.0%
{Chipotle, Oppo, Omega} -> {Pagani, Tata, Puma} <=> Confidence: 100.0%
{Chipotle, Tata, Omega} -> {Pagani, Oppo} <=> Confidence: 100.0%
{Chipotle, Tata, Omega} -> {Oppo, Puma} <=> Confidence: 100.0%
{Chipotle, Tata, Omega} -> {Pagani, Puma} <=> Confidence: 100.0%
{Chipotle, Tata, Omega} -> {Pagani, Oppo, Puma} <=> Confidence: 100.0%
{Pagani, Chipotle, Oppo, Tata} -> {Omega} <=> Confidence: 100.0%
{Pagani, Chipotle, Oppo, Tata} -> {Puma} <=> Confidence: 100.0%
{Pagani, Chipotle, Oppo, Tata} -> {Puma, Omega} <=> Confidence: 100.0%
{Pagani, Chipotle, Oppo, Omega} -> {Tata} <=> Confidence: 100.0%
{Pagani, Chipotle, Oppo, Omega} -> {Puma} <=> Confidence: 100.0%
{Pagani, Chipotle, Oppo, Omega} -> {Tata, Puma} <=> Confidence: 100.0%
{Pagani, Chipotle, Tata, Omega} -> {Oppo} <=> Confidence: 100.0%
{Pagani, Chipotle, Tata, Omega} -> {Puma} <=> Confidence: 100.0%
{Pagani, Chipotle, Tata, Omega} -> {Oppo, Puma} <=> Confidence: 100.0%
{Chipotle, Oppo, Tata, Omega} -> {Pagani} <=> Confidence: 100.0%
{Chipotle, Oppo, Tata, Omega} -> {Puma} <=> Confidence: 100.0%
{Chipotle, Oppo, Tata, Omega} -> {Pagani, Puma} <=> Confidence: 100.0%
{Chipotle, Puma} -> {Oppo, Tata, Omega} <=> Confidence: 100.0%
{Chipotle, Puma} -> {Pagani, Oppo, Tata} <=> Confidence: 100.0%
{Chipotle, Puma} -> {Pagani, Oppo, Omega} <=> Confidence: 100.0%
{Chipotle, Puma} -> {Pagani, Tata, Omega} <=> Confidence: 100.0%
{Chipotle, Puma} -> {Pagani, Oppo, Tata, Omega} <=> Confidence: 100.0%
{Chipotle, Oppo, Puma} -> {Tata, Omega} <=> Confidence: 100.0%
{Chipotle, Oppo, Puma} -> {Pagani, Tata} <=> Confidence: 100.0%
{Chipotle, Oppo, Puma} -> {Pagani, Omega} <=> Confidence: 100.0%
{Chipotle, Oppo, Puma} -> {Pagani, Tata, Omega} <=> Confidence: 100.0%
{Chipotle, Tata, Puma} -> {Oppo, Omega} <=> Confidence: 100.0%
{Chipotle, Tata, Puma} -> {Pagani, Oppo} <=> Confidence: 100.0%
{Chipotle, Tata, Puma} -> {Pagani, Omega} <=> Confidence: 100.0%
```

```
{Chipotle, Tata, Puma} -> {Pagani, Oppo, Omega} <=> Confidence: 100.0%
{Chipotle, Puma, Omega} -> {Oppo, Tata} <=> Confidence: 100.0%
{Chipotle, Puma, Omega} -> {Pagani, Oppo} <=> Confidence: 100.0%
{Chipotle, Puma, Omega} -> {Pagani, Tata} <=> Confidence: 100.0%
{Chipotle, Puma, Omega} -> {Pagani, Oppo, Tata} <=> Confidence: 100.0%
{Chipotle, Oppo, Tata, Puma} -> {Omega} <=> Confidence: 100.0%
{Chipotle, Oppo, Tata, Puma} -> {Pagani} <=> Confidence: 100.0%
{Chipotle, Oppo, Tata, Puma} -> {Pagani, Omega} <=> Confidence: 100.0%
{Chipotle, Oppo, Puma, Omega} -> {Tata} <=> Confidence: 100.0%
{Chipotle, Oppo, Puma, Omega} -> {Pagani} <=> Confidence: 100.0%
{Chipotle, Oppo, Puma, Omega} -> {Pagani, Tata} <=> Confidence: 100.0%
{Chipotle, Tata, Puma, Omega} -> {Oppo} <=> Confidence: 100.0%
{Chipotle, Tata, Puma, Omega} -> {Pagani} <=> Confidence: 100.0%
{Chipotle, Tata, Puma, Omega} -> {Pagani, Oppo} <=> Confidence: 100.0%
{Pagani, Chipotle, Puma} -> {Oppo, Tata} <=> Confidence: 100.0%
{Pagani, Chipotle, Puma} -> {Oppo, Omega} <=> Confidence: 100.0%
{Pagani, Chipotle, Puma} -> {Tata, Omega} <=> Confidence: 100.0%
{Pagani, Chipotle, Puma} -> {Oppo, Tata, Omega} <=> Confidence: 100.0%
{Pagani, Chipotle, Oppo, Puma} -> {Tata} <=> Confidence: 100.0%
{Pagani, Chipotle, Oppo, Puma} -> {Omega} <=> Confidence: 100.0%
{Pagani, Chipotle, Oppo, Puma} -> {Tata, Omega} <=> Confidence: 100.0%
{Pagani, Chipotle, Tata, Puma} -> {Oppo} <=> Confidence: 100.0%
{Pagani, Chipotle, Tata, Puma} -> {Omega} <=> Confidence: 100.0%
{Pagani, Chipotle, Tata, Puma} -> {Oppo, Omega} <=> Confidence: 100.0%
{Pagani, Chipotle, Puma, Omega} -> {Oppo} <=> Confidence: 100.0%
{Pagani, Chipotle, Puma, Omega} -> {Tata} <=> Confidence: 100.0%
{Pagani, Chipotle, Puma, Omega} -> {Oppo, Tata} <=> Confidence: 100.0%
{Casio, Vivo} -> {Dior, Kia, Maserati} <=> Confidence: 100.0%
{Casio, Vivo, Dior} -> {Kia, Maserati} <=> Confidence: 100.0%
{Casio, Vivo, Kia} -> {Dior, Maserati} <=> Confidence: 100.0%
{Casio, Vivo, Maserati} -> {Dior, Kia} <=> Confidence: 100.0%
{Casio, Dior, Maserati} -> {Vivo, Kia} <=> Confidence: 100.0%
{Casio, Kia, Maserati} -> {Vivo, Dior} <=> Confidence: 100.0%
{Vivo, Dior, Kia} -> {Casio, Maserati} <=> Confidence: 100.0%
{Casio, Vivo, Dior, Kia} -> {Maserati} <=> Confidence: 100.0%
{Casio, Vivo, Dior, Maserati} -> {Kia} <=> Confidence: 100.0%
{Casio, Vivo, Kia, Maserati} -> {Dior} <=> Confidence: 100.0%
{Casio, Dior, Kia, Maserati} -> {Vivo} <=> Confidence: 100.0%
{Vivo, Dior, Kia, Maserati} -> {Casio} <=> Confidence: 100.0%
{Dior, MG} -> {Casio, Microsoft, Kia} <=> Confidence: 100.0%
{Dior, MG} -> {Dominos, Casio, Kia} <=> Confidence: 100.0%
{Dior, MG} -> {Dominos, Casio, Microsoft} <=> Confidence: 100.0%
{Dior, MG} -> {Dominos, Microsoft, Kia} <=> Confidence: 100.0%
{Dior, MG} -> {Dominos, Casio, Microsoft, Kia} <=> Confidence: 100.0%
{Casio, Dior, MG} -> {Microsoft, Kia} <=> Confidence: 100.0%
{Casio, Dior, MG} -> {Dominos, Kia} <=> Confidence: 100.0%
```

```
{Casio, Dior, MG} -> {Dominos, Microsoft} <=> Confidence: 100.0%
{Casio, Dior, MG} -> {Dominos, Microsoft, Kia} <=> Confidence: 100.0%
{Casio, MG, Microsoft} -> {Dior, Kia} <=> Confidence: 100.0%
{Casio, MG, Microsoft} -> {Dominos, Dior} <=> Confidence: 100.0%
{Casio, MG, Microsoft} -> {Dominos, Kia} <=> Confidence: 100.0%
{Casio, MG, Microsoft} -> {Dominos, Dior, Kia} <=> Confidence: 100.0%
{Casio, MG, Kia} -> {Dior, Microsoft} <=> Confidence: 100.0%
{Casio, MG, Kia} -> {Dominos, Dior} <=> Confidence: 100.0%
{Casio, MG, Kia} -> {Dominos, Microsoft} <=> Confidence: 100.0%
{Casio, MG, Kia} -> {Dominos, Dior, Microsoft} <=> Confidence: 100.0%
{Dior, MG, Microsoft} -> {Casio, Kia} <=> Confidence: 100.0%
{Dior, MG, Microsoft} -> {Dominos, Casio} <=> Confidence: 100.0%
{Dior, MG, Microsoft} -> {Dominos, Kia} <=> Confidence: 100.0%
{Dior, MG, Microsoft} -> {Dominos, Casio, Kia} <=> Confidence: 100.0%
{Dior, MG, Kia} -> {Casio, Microsoft} <=> Confidence: 100.0%
{Dior, MG, Kia} -> {Dominos, Casio} <=> Confidence: 100.0%
{Dior, MG, Kia} -> {Dominos, Microsoft} <=> Confidence: 100.0%
{Dior, MG, Kia} -> {Dominos, Casio, Microsoft} <=> Confidence: 100.0%
{MG, Microsoft, Kia} -> {Casio, Dior} <=> Confidence: 100.0%
{MG, Microsoft, Kia} -> {Dominos, Casio} <=> Confidence: 100.0%
{MG, Microsoft, Kia} -> {Dominos, Dior} <=> Confidence: 100.0%
{MG, Microsoft, Kia} -> {Dominos, Casio, Dior} <=> Confidence: 100.0%
{Casio, Dior, MG, Microsoft} -> {Kia} <=> Confidence: 100.0%
{Casio, Dior, MG, Microsoft} -> {Dominos} <=> Confidence: 100.0%
{Casio, Dior, MG, Microsoft} -> {Dominos, Kia} <=> Confidence: 100.0%
{Casio, Dior, MG, Kia} -> {Microsoft} <=> Confidence: 100.0%
{Casio, Dior, MG, Kia} -> {Dominos} <=> Confidence: 100.0%
{Casio, Dior, MG, Kia} -> {Dominos, Microsoft} <=> Confidence: 100.0%
{Casio, MG, Microsoft, Kia} -> {Dior} <=> Confidence: 100.0%
{Casio, MG, Microsoft, Kia} -> {Dominos} <=> Confidence: 100.0%
{Casio, MG, Microsoft, Kia} -> {Dominos, Dior} <=> Confidence: 100.0%
{Dior, MG, Microsoft, Kia} -> {Casio} <=> Confidence: 100.0%
{Dior, MG, Microsoft, Kia} -> {Dominos} <=> Confidence: 100.0%
{Dior, MG, Microsoft, Kia} -> {Dominos, Casio} <=> Confidence: 100.0%
{Dominos, MG} -> {Casio, Dior, Kia} <=> Confidence: 100.0%
{Dominos, MG} -> {Casio, Dior, Microsoft} <=> Confidence: 100.0%
{Dominos, MG} -> {Casio, Microsoft, Kia} <=> Confidence: 100.0%
{Dominos, MG} -> {Dior, Microsoft, Kia} <=> Confidence: 100.0%
{Dominos, MG} -> {Casio, Dior, Microsoft, Kia} <=> Confidence: 100.0%
{Dominos, Casio, MG} -> {Dior, Kia} <=> Confidence: 100.0%
{Dominos, Casio, MG} -> {Dior, Microsoft} <=> Confidence: 100.0%
{Dominos, Casio, MG} -> {Microsoft, Kia} <=> Confidence: 100.0%
{Dominos, Casio, MG} -> {Dior, Microsoft, Kia} <=> Confidence: 100.0%
{Dominos, Casio, Kia} -> {Dior, MG} <=> Confidence: 100.0%
{Dominos, Casio, Kia} -> {MG, Microsoft} <=> Confidence: 100.0%
{Dominos, Casio, Kia} -> {Dior, Microsoft} <=> Confidence: 100.0%
```

```
{Dominos, Casio, Kia} -> {Dior, MG, Microsoft} <=> Confidence: 100.0%
{Dominos, Dior, MG} -> {Casio, Kia} <=> Confidence: 100.0%
{Dominos, Dior, MG} -> {Casio, Microsoft} <=> Confidence: 100.0%
{Dominos, Dior, MG} -> {Microsoft, Kia} <=> Confidence: 100.0%
{Dominos, Dior, MG} -> {Casio, Microsoft, Kia} <=> Confidence: 100.0%
{Dominos, Dior, Kia} -> {Casio, MG} <=> Confidence: 100.0%
{Dominos, Dior, Kia} -> {MG, Microsoft} <=> Confidence: 100.0%
{Dominos, Dior, Kia} -> {Casio, Microsoft} <=> Confidence: 100.0%
{Dominos, Dior, Kia} -> {Casio, MG, Microsoft} <=> Confidence: 100.0%
{Dominos, MG, Kia} -> {Casio, Dior} <=> Confidence: 100.0%
{Dominos, MG, Kia} -> {Casio, Microsoft} <=> Confidence: 100.0%
{Dominos, MG, Kia} -> {Dior, Microsoft} <=> Confidence: 100.0%
{Dominos, MG, Kia} -> {Casio, Dior, Microsoft} <=> Confidence: 100.0%
{Dominos, Casio, Dior, MG} -> {Kia} <=> Confidence: 100.0%
{Dominos, Casio, Dior, MG} -> {Microsoft} <=> Confidence: 100.0%
{Dominos, Casio, Dior, MG} -> {Microsoft, Kia} <=> Confidence: 100.0%
{Dominos, Casio, Dior, Kia} -> {MG} <=> Confidence: 100.0%
{Dominos, Casio, Dior, Kia} -> {Microsoft} <=> Confidence: 100.0%
{Dominos, Casio, Dior, Kia} -> {MG, Microsoft} <=> Confidence: 100.0%
{Dominos, Casio, MG, Kia} -> {Dior} <=> Confidence: 100.0%
{Dominos, Casio, MG, Kia} -> {Microsoft} <=> Confidence: 100.0%
{Dominos, Casio, MG, Kia} -> {Dior, Microsoft} <=> Confidence: 100.0%
{Dominos, Dior, MG, Kia} -> {Casio} <=> Confidence: 100.0%
{Dominos, Dior, MG, Kia} -> {Microsoft} <=> Confidence: 100.0%
{Dominos, Dior, MG, Kia} -> {Casio, Microsoft} <=> Confidence: 100.0%
{Dominos, MG, Microsoft} -> {Casio, Dior} <=> Confidence: 100.0%
{Dominos, MG, Microsoft} -> {Casio, Kia} <=> Confidence: 100.0%
{Dominos, MG, Microsoft} -> {Dior, Kia} <=> Confidence: 100.0%
{Dominos, MG, Microsoft} -> {Casio, Dior, Kia} <=> Confidence: 100.0%
{Dominos, Casio, Dior, Microsoft} -> {MG} <=> Confidence: 100.0%
{Dominos, Casio, Dior, Microsoft} -> {Kia} <=> Confidence: 100.0%
{Dominos, Casio, Dior, Microsoft} -> {MG, Kia} <=> Confidence: 100.0%
{Dominos, Casio, MG, Microsoft} -> {Dior} <=> Confidence: 100.0%
{Dominos, Casio, MG, Microsoft} -> {Kia} <=> Confidence: 100.0%
{Dominos, Casio, MG, Microsoft} -> {Dior, Kia} <=> Confidence: 100.0%
{Dominos, Dior, MG, Microsoft} -> {Casio} <=> Confidence: 100.0%
{Dominos, Dior, MG, Microsoft} -> {Kia} <=> Confidence: 100.0%
{Dominos, Dior, MG, Microsoft} -> {Casio, Kia} <=> Confidence: 100.0%
{Dominos, Microsoft, Kia} -> {Casio, MG} <=> Confidence: 100.0%
{Dominos, Microsoft, Kia} -> {Dior, MG} <=> Confidence: 100.0%
{Dominos, Microsoft, Kia} -> {Casio, Dior} <=> Confidence: 100.0%
{Dominos, Microsoft, Kia} -> {Casio, Dior, MG} <=> Confidence: 100.0%
{Dominos, Casio, Microsoft, Kia} -> {MG} <=> Confidence: 100.0%
{Dominos, Casio, Microsoft, Kia} -> {Dior} <=> Confidence: 100.0%
{Dominos, Casio, Microsoft, Kia} -> {Dior, MG} <=> Confidence: 100.0%
{Dominos, MG, Microsoft, Kia} -> {Casio} <=> Confidence: 100.0%
```

```
{Dominos, MG, Microsoft, Kia} -> {Dior} <=> Confidence: 100.0%
{Dominos, MG, Microsoft, Kia} -> {Casio, Dior} <=> Confidence: 100.0%
{Dominos, Dior, Microsoft, Kia} -> {MG} <=> Confidence: 100.0%
{Dominos, Dior, Microsoft, Kia} -> {Casio} <=> Confidence: 100.0%
{Dominos, Dior, Microsoft, Kia} -> {Casio, MG} <=> Confidence: 100.0%
{Titan, Audi, Bugatti, Tissot, Starbucks} -> {GUCCI} <=> Confidence: 100.0%
{Titan, Audi, Bugatti, Tissot, GUCCI} -> {Starbucks} <=> Confidence: 100.0%
{Titan, Audi, Bugatti, Starbucks, GUCCI} -> {Tissot} <=> Confidence: 100.0%
{Titan, Audi, Tissot, Starbucks, GUCCI} -> {Bugatti} <=> Confidence: 100.0%
{Titan, Bugatti, Tissot, Starbucks, GUCCI} -> {Audi} <=> Confidence: 100.0%
{Audi, Bugatti, Tissot, Starbucks, GUCCI} -> {Titan} <=> Confidence: 100.0%
{ZARA, Adidas, Audi, Swiss, Tata} -> {KFC} <=> Confidence: 100.0%
{ZARA, Adidas, Audi, Swiss, KFC} -> {Tata} <=> Confidence: 100.0%
{ZARA, Adidas, Audi, Tata, KFC} -> {Swiss} <=> Confidence: 100.0%
{ZARA, Adidas, Swiss, Tata, KFC} -> {Audi} <=> Confidence: 100.0%
{ZARA, Audi, Swiss, Tata, KFC} -> {Adidas} <=> Confidence: 100.0%
{Adidas, Audi, Swiss, Tata, KFC} -> {ZARA} <=> Confidence: 100.0%
{Hermes, Bugatti, IHOP, Tesla, Tissot} -> {H&M} <=> Confidence: 100.0%
{Hermes, Bugatti, IHOP, Tesla, H&M} -> {Tissot} <=> Confidence: 100.0%
{Hermes, Bugatti, IHOP, Tissot, H&M} -> {Tesla} <=> Confidence: 100.0%
{Hermes, Bugatti, Tesla, Tissot, H&M} -> {IHOP} <=> Confidence: 100.0%
{Hermes, IHOP, Tesla, Tissot, H&M} -> {Bugatti} <=> Confidence: 100.0%
{Bugatti, IHOP, Tesla, Tissot, H&M} -> {Hermes} <=> Confidence: 100.0%
{Bugatti, Oppo, Tissot, Coach, Maserati} -> {Xiaomi} <=> Confidence: 100.0%
{Bugatti, Oppo, Tissot, Coach, Xiaomi} -> {Maserati} <=> Confidence: 100.0%
{Bugatti, Oppo, Tissot, Maserati, Xiaomi} -> {Coach} <=> Confidence: 100.0%
{Bugatti, Oppo, Coach, Maserati, Xiaomi} -> {Tissot} <=> Confidence: 100.0%
{Bugatti, Tissot, Coach, Maserati, Xiaomi} -> {Oppo} <=> Confidence: 100.0%
{Oppo, Tissot, Coach, Maserati, Xiaomi} -> {Bugatti} <=> Confidence: 100.0%
{ZARA, Bugatti, Tesla, Swiss, Samsung} -> {Dunkin} <=> Confidence: 100.0%
{ZARA, Bugatti, Tesla, Swiss, Dunkin} -> {Samsung} <=> Confidence: 100.0%
{ZARA, Bugatti, Tesla, Samsung, Dunkin} -> {Swiss} <=> Confidence: 100.0%
{ZARA, Bugatti, Swiss, Samsung, Dunkin} -> {Tesla} <=> Confidence: 100.0%
{ZARA, Tesla, Swiss, Samsung, Dunkin} -> {Bugatti} <=> Confidence: 100.0%
{Bugatti, Tesla, Swiss, Samsung, Dunkin} -> {ZARA} <=> Confidence: 100.0%
{Bugatti, Wendys, Seiko, FILA, Omega} -> {H&M} <=> Confidence: 100.0%
{Bugatti, Wendys, Seiko, FILA, H&M} -> {Omega} <=> Confidence: 100.0%
{Bugatti, Wendys, Seiko, Omega, H&M} -> {FILA} <=> Confidence: 100.0%
{Bugatti, Wendys, FILA, Omega, H&M} -> {Seiko} <=> Confidence: 100.0%
{Bugatti, Seiko, FILA, Omega, H&M} -> {Wendys} <=> Confidence: 100.0%
{Wendys, Seiko, FILA, Omega, H&M} -> {Bugatti} <=> Confidence: 100.0%
{ROG, Popeyes} -> {Tissot, BMW, H&M, Maserati} <=> Confidence: 100.0%
{Tissot, ROG, Popeyes} -> {BMW, H&M, Maserati} <=> Confidence: 100.0%
{BMW, ROG, Popeyes} -> {Tissot, H&M, Maserati} <=> Confidence: 100.0%
{ROG, Popeyes, H&M} -> {Tissot, BMW, Maserati} <=> Confidence: 100.0%
{ROG, Popeyes, Maserati} -> {Tissot, BMW, H&M} <=> Confidence: 100.0%
```

```
{Tissot, BMW, ROG, Popeyes} -> {H&M, Maserati} <=> Confidence: 100.0%
{Tissot, ROG, Popeyes, H&M} -> {BMW, Maserati} <=> Confidence: 100.0%
{Tissot, ROG, Popeyes, Maserati} -> {BMW, H&M} <=> Confidence: 100.0%
{BMW, ROG, Popeyes, H&M} -> {Tissot, Maserati} <=> Confidence: 100.0%
{BMW, ROG, Popeyes, Maserati} -> {Tissot, H&M} <=> Confidence: 100.0%
{ROG, Popeyes, H&M, Maserati} -> {Tissot, BMW} <=> Confidence: 100.0%
{Tissot, BMW, ROG, Popeyes, H&M} -> {Maserati} <=> Confidence: 100.0%
{Tissot, BMW, ROG, Popeyes, Maserati} -> {H&M} <=> Confidence: 100.0%
{Tissot, BMW, ROG, H&M, Maserati} -> {Popeyes} <=> Confidence: 100.0%
{Tissot, BMW, Popeyes, H&M, Maserati} -> {ROG} <=> Confidence: 100.0%
{Tissot, ROG, Popeyes, H&M, Maserati} -> {BMW} <=> Confidence: 100.0%
{BMW, ROG, Popeyes, H&M, Maserati} -> {Tissot} <=> Confidence: 100.0%
{Pagani, Chipotle, Oppo, Tata, Puma} -> {Omega} <=> Confidence: 100.0%
{Pagani, Chipotle, Oppo, Tata, Omega} -> {Puma} <=> Confidence: 100.0%
{Pagani, Chipotle, Oppo, Puma, Omega} -> {Tata} <=> Confidence: 100.0%
{Pagani, Chipotle, Tata, Puma, Omega} -> {Oppo} <=> Confidence: 100.0%
{Pagani, Oppo, Tata, Puma, Omega} -> {Chipotle} <=> Confidence: 100.0%
{Chipotle, Oppo, Tata, Puma, Omega} -> {Pagani} <=> Confidence: 100.0%
{Dominos, Casio, Dior, MG, Microsoft} -> {Kia} <=> Confidence: 100.0%
{Dominos, Casio, Dior, MG, Kia} -> {Microsoft} <=> Confidence: 100.0%
{Dominos, Casio, Dior, Microsoft, Kia} -> {MG} <=> Confidence: 100.0%
{Dominos, Casio, MG, Microsoft, Kia} -> {Dior} <=> Confidence: 100.0%
{Dominos, Dior, MG, Microsoft, Kia} -> {Casio} <=> Confidence: 100.0%
{Casio, Dior, MG, Microsoft, Kia} -> {Dominos} <=> Confidence: 100.0%
Total Time taken for Computation using Brute Force: 0.96969807624817
```

CPU Runtime Comparisons:

	Apriori Algorithm (In Seconds)	Brute Force (In Seconds)
Database 1	0.018	0.653
Database 2	0.027	0.678
Database 3	0.078	0.742
Database 4	0.051	0.919
Database 5	0.056	0.969