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query	BI / read / 22
title	International dialog
pattern	For each pair, calculate the cost as a sum of cases #1-5. Cases that has at least one match, add to the final score with the specified value. Each case only counts once, multiple matches do not increase to the score.

desc.

Consider all pairs of people (person1, person2) such that one is located in a City of Country country1 and the other is located in a City of Country country2. For each City of Country country1, return the highest scoring pair. The score of a pair is defined as the sum of the subscores awarded for the following kinds of interaction. The initial value is `score = 0`.

1. person1 has created a reply Comment to at least one Message by person2: `score += 4`
2. person1 has created at least one Message that person2 has created a reply Comment to: `score += 1`
3. person1 and person2 know each other: `score += 15`
4. person1 liked at least one Message by person2: `score += 10`
5. person1 has created at least one Message that was liked by person2: `score += 1`

Consequently, the maximum score a pair can obtain is: `4 + 1 + 15 + 10 + 1 = 31`.
To break ties, order by (1) `person1.id` ascending and (2) `person2.id` ascending.

params

1	country1	String	
2	country2	String	

result

1	person1.id	64-bit Integer	R	
2	person2.id	64-bit Integer	R	
3	city1.name	String	R	
4	score	32-bit Integer	C	

sort

1	score	↓	
2	person1.id	↑	
3	person2.id	↑	

CPs 1.3, 1.4, 2.1, 3.1, 3.3, 5.1, 5.2, 5.3, 8.3, 8.4