BI / read / 14

title International dialog International di	BI 1		DI / man d / 1.4
BI 3 BI 4 BI 5 BI 6 BI 7 BI 8 BI 9 BI 9 BI 10 BI		query	BI / read / 14
BI 4 BI 5 BI 6 BI 7 BI 10 BI 10 BI 11 BI 12 BI 14 BI 15 BI 16 BI 7 BI 17 BI 18 BI 19 BI 19 BI 19 BI 19 BI 10 BI 10 BI 11 BI 11 BI 12 BI 15 BI 16 BI 17 BI 18 BI 19 BI 19 BI 10 BI 10 BI 11 BI 10 BI 11 BI 12 BI 15 BI 16 BI 17 BI 18 BI 19 BI 19 BI 10 BI 10 BI 11 BI 12 BI 15 BI 16 BI 17 BI 18 BI 19 BI 19 BI 19 BI 10 BI 10 BI 10 BI 11 BI 10 BI 10 BI 11 BI 10 BI 10 BI 11 BI 10 BI 10 BI 10 BI 11 BI 10		title	International dialog
BI 17 BI 18 BI 19 BI 20 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 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.	BI 4 BI 5 BI 6 BI 7 BI 8 BI 9 BI 10 BI 11 BI 12 BI 13 BI 14 BI 15 BI 16 BI 17 BI 18 BI 19	pattern	value. Each case only counts once, multiple matches do not increase to the score. Country name = \$country1 Country isPartOf City1: City isLocatedIn person1: Person id Case 1: score += 4 person1: Person hasCreator hasCreator Comment replyOf Message Message replyOf Country isPartOf City isLocatedIn person2: Person hasCreator hasCreator Comment Co
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 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.			knows
		desc.	 person1 has created a reply Comment to at least one Message by person2: score += 4 person1 has created at least one Message that person2 has created a reply to: score += 1 person1 and person2 know each other: score += 15 person1 liked at least one Message by person2: score += 10 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. This query has two variants based on whether the input parameters are selected as correlated
params (close countries) or uncorrelated (far countries). A: correlated with parameter country2, i.e. the countries are close and there are many Persons visiting both Countries. B: uncorrelated with parameter country2, i.e. the countries are afar and there are few Persons visiting both Countries. 2 country2 Long String		params	A: correlated with parameter country2, i.e. the countries are close and there are many Persons visiting both Countries. B: uncorrelated with parameter country2, i.e. the countries are afar and there are few Persons visiting both Countries.
result		result	2 person2.id ID R 3 city1.name Long String R
sort 1 score 2 person1.id ↑ 3 person2.id ↑		sort	2 person1.id ↑
CPs 1.3, 1.4, 2.1, 3.1, 3.3, 5.1, 5.2, 5.3, 8.3, 8.4		CPs	1.3, 1.4, 2.1, 3.1, 3.3, 5.1, 5.2, 5.3, 8.3, 8.4