Stephen's Neo4j database has the following "schema":

Write Cypher queries to answer the following questions:

1. What characters have come into physical contact with both droids and aliens?

2. Which is the "touchiest" episode? Which is the "talkiest?"

3. Which pairs of characters have appeared together in the greatest number of different locations?

return aname, bname, dl order by dl desc;

+ -						,
 +-	aname	1	bname		dl	 -
	"Luke"	I	"R2D2"	1	12	İ
	"Han"		"Leia"	-	10	
	"Han"		"Chewie"	-	10	1
1	"C3PO"		"R2D2"	-	10	1
1	"Chewie"		"Luke"	-	10	
1	"Leia"		"Luke"	-	9	
1	"Han"		"R2D2"	-	9	
1	"Han"		"C3P0"	1	9	1
1	"Luke"		"C3P0"	1	9	
1	"Luke"		"Chewie"	1	9	١
1	"C3PO"		"Chewie"	1	9	
1	"C3PO"		"Leia"	1	9	١
1	"Chewie"		"Leia"	-	9	1
1	"Chewie"		"R2D2"	-	9	1
1	"Chewie"		"C3P0"	-	9	1
1	"Chewie"		"Han"	1	9	١
1	"Leia"		"C3P0"	1	8	١
	"Leia"		"Chewie"	1	8	١
	"Han"		"Luke"	1	8	١
	"Luke"		"Han"	1	8	١
	"C3PO"	1	"Han"	I	8	
+-						+

4. Which character has mentioned which other character the most times?

5. Who are all the humans who speak to, or mention, wookies, and how many times do they each do so?

```
match (a:Character {species:"human"})-[r:speaksTo|mentions]->(b:Character {species:"wookie"})
    return a.name, type(r), b.name, count(*);
```

6. Which pairs of characters interact in some way (dialogue, presence in a scene, physical contact, etc.) in all three films?

```
match (a)-[r {ep:"IV"}]-(b),
    (a)-[r2 {ep:"VI"}]-(b),
    (a)-[r3{ep:"V"}]-(b)
    return a.name, type(r) as IV, type(r2) as V, type(r3) as VI, b.name;
```

```
ΙV
                                     | VI
| a.name | IV
                                                     | b.name |
                       | "mentions"
                                      | "appearsWith" | "Leia" |
| "Vader" | "speaksTo"
| "Vader" | "speaksTo"
                       "mentions"
                                     | "appearsWith" | "Leia" |
                       | "mentions" | "appearsWith" | "Leia" |
| "Vader" | "speaksTo"
                       | "mentions" | "appearsWith" | "Leia" |
| "Vader" | "mentions"
                                    | "appearsWith" | "Leia" |
| "Vader" | "mentions"
                       | "mentions"
                       | "mentions"
| "Vader" | "mentions"
                                     | "appearsWith" | "Leia" |
| "Vader" | "mentions"
                       | "mentions"
                                      | "appearsWith" | "Leia" | | |
| "Vader" | "appearsWith" | "appearsWith" | "Luke" |
| "Vader" | "appearsWith" | "appearsWith" | "Luke" |
| "Vader" | "mentions"
                       | "appearsWith" | "appearsWith" | "Luke" |
| "Vader" | "mentions"
                         "appearsWith" | "appearsWith" | "Luke" |
| "Vader" | "appearsWith" | "appearsWith" | "appearsWith" | "Luke" |
| "Vader" | "appearsWith" | "appearsWith" | "Luke" |
| "Vader" | "mentions"
                         "appearsWith" | "appearsWith" | "Luke" |
| "Vader" | "mentions"
                       | "appearsWith" | "appearsWith" | "Luke" | |
| "Vader" | "appearsWith" | "appearsWith" | "Luke" |
| "Vader" | "appearsWith" | "appearsWith" | "Luke" |
| "Vader" | "mentions"
                         "appearsWith" | "appearsWith" | "Luke" |
| "Vader" | "mentions"
                       | "appearsWith" | "appearsWith" | "Luke" |
| "Vader" | "appearsWith" | "appearsWith" | "Luke" |
```

	"Vader"	"appearsWith"	"appearsWith"		"appearsWith"		"Luke"	
	"Vader"	"mentions"	"appearsWith"		"appearsWith"		"Luke"	
	"Vader"	"mentions"	"appearsWith"		"appearsWith"		"Luke"	
	"Vader"	"appearsWith"	"touches"		"appearsWith"		"Luke"	
	"Vader"	"appearsWith"	"touches"	1	"appearsWith"		"Luke"	
	"Vader"	"mentions"	"touches"	1	"appearsWith"		"Luke"	
	"Vader"	"mentions"	"touches"	1	"appearsWith"	1	"Luke"	
	"Vader"	"appearsWith"	"touches"		"appearsWith"		"Luke"	
	"Vader"	"appearsWith"	"touches"		"appearsWith"		"Luke"	
	"Vader"	"mentions"	"touches"		"appearsWith"		"Luke"	-
	"Vader"	"mentions"	"touches"		"appearsWith"		"Luke"	-
	"Vader"	"appearsWith"	"speaksTo"	-	"appearsWith"		"Luke"	
	"Vader"	"appearsWith"	"speaksTo"		"appearsWith"		"Luke"	
	"Vader"	"mentions"	"speaksTo"		"appearsWith"		"Luke"	
	"Vader"	"mentions"	"speaksTo"		"appearsWith"		"Luke"	-
	"Vader"	"appearsWith"	"speaksTo"		"appearsWith"		"Luke"	
	"Vader"	"appearsWith"	"speaksTo"		"appearsWith"		"Luke"	
	"Vader"	"mentions"	"speaksTo"		"appearsWith"		"Luke"	
	"Vader"	"mentions"	"speaksTo"		"appearsWith"		"Luke"	-
1	"Vader"	"appearsWith"	"speaksTo"	1	"appearsWith"		"Luke"	

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