

*All exercises and data here are borrowed from Stephane Faroult*

## Joins Part:

### 1. Films directed by John Woo?

	movieid	title	country	year_released	runtime
1	1077	Mission: Impossible 2	us	2000	123
2	1193	Broken Arrow	us	1996	108
3	3441	Face/Off	us	1997	139
4	5668	Chì Bì	cn	2008	104
5	8620	Tài Ping Lún	cn	2014	128
6	9101	Jing <sup>1</sup> Hung <sup>4</sup> Bun <sup>2</sup> Sik <sup>1</sup>	hk	1986	95

### 2. List the cast of the American "Treasure Island" 1950 film (first name, surname, and display "Director" instead of "D" and "Actor" instead of "A")

	first_name	surname	credited_as
1	Finlay	Currie	Actor
2	Bobby	Driscoll	Actor
3	Byron	Haskin	Director
4	Robert	Newton	Actor
5	Basil	Sydney	Actor

### 3. Marilyn Monroe appeared in how many 1952 films?

	count
1	3

### 4. Directors who have directed films in more than one country?

	first_name	surname
1	Tomas	Alfredson
2	Lewis	Allen
3	Woody	Allen
4	Yves	Allégret
5	Robert	Altman
6	Alejandro	Amenábar
7	Jon	Amiel

**5. Display the title, year and country code for films from 2010 or later for which the name of the director is missing from the database.**

	title	year_released	country
1	P-iet-a	2012	kr
2	Xīn Huā Lù Fàng	2014	cn
3	Tin <sup>1</sup> Zeong <sup>3</sup> Hung <sup>4</sup> Si <sup>1</sup>	2015	cn
4	Dí Rén Jié Zhī Shén Dū Lóng Wáng	2013	cn
5	Cōng Cōng Nà Nián	2014	cn
6	Bang Bang!	2014	in
7	Dabangg	2010	in
8	Joker	2012	in
9	Agneepath	2012	in

**6. What are the title, country and year of release of remakes in the database ? (films for which an earlier film with the same title exists)**

	title	country	year_released
1	Duck Soup	us	1933
2	A Farewell to Arms	us	1957
3	Peter Pan	us	2003
4	The Arizona Kid	us	1939
5	The Last Command	us	1955
6	Romeo and Juliet	gb	1954
7	Madame Bovary	us	2014
8	Lone Star	us	1996

**7. Longest film directed by a woman?**

	title	country	year_released	runtime
1	Out 1	fr	1971	773

## Set operators

1. List all year and "Events" (films released time, people births time, people deaths time) that occurred between 1930 and 1935

	year	event
1	1930	Robert Easton was born
2	1930	Claude Jutra was born
3	1930	Steve MacQueen was born
4	1930	King of Jazz (United States) was released
5	1930	Jussi Jurkka was born
6	1930	Gena Rowlands was born
7	1930	Sihung Lung was born
8	1930	Erica Yohn was born

2. Same as question1, pushed into a subquery to add a sort key

	year	event
1	1930	Abschied (Germany) was released
2	1930	Dawn Addams was born
3	1930	Mario Adorf was born
4	1930	Moustapha Akkad was born
5	1930	Alexander Allerson was born
6	1930	All Quiet on the Western Front (United States) was released
7	1930	Animal Crackers (United States) was released
8	1930	Anna Christie (United States) was released

3. Films where Qi Shu played without Ge You. Illustrates that "except" isn't really necessary

9 rows			
	title	country	year_released
1	Bō Lí Zūn	hk	1999
2	Chun Sing Gai Bei	hk	2010
3	Bat <sup>1</sup> Zoi <sup>3</sup> Jeong <sup>6</sup> Nei <sup>2</sup> Gu <sup>1</sup> Daan <sup>1</sup>	cn	2011
4	Qīng Mǐ	hk	2012
5	Xī Yóu · Jiàng Mó Piān	cn	2013
6	Cìkè Niè Yǐnniáng	tw	2015
7	Guǐ Chuī Dēng Zhī Xún Lóng Jué	cn	2015
8	Wǒ Zuì Hǎo Péngyǒu Dí Hūnlǐ	cn	2016
9	Hap <sup>6</sup> Dou <sup>6</sup> Lyun <sup>4</sup> Mang <sup>4</sup>	hk	2017