

Allan Liu
V00806981
CSC 370
Assignment 4

Q(1)

```
imdb=> select distinct country from (episodes natural join locations) where
episodeof='"Game of Thrones" (2011)' order by country;
```

```

country
-----
Canada
Croatia
Iceland
Malta
Morocco
Northern Ireland
Spain
UK
USA
(9 rows)
```

Q(2)

```
imdb=> select title, year, rank from (productions natural join ratings
natural join directors) where attr is null and pid~'Hitchcock, Alfred' and
votes > 50000 order by rank desc;
```

```

title | year | rank
-----+-----+-----
Rear Window | 1954 | 8.5
Psycho | 1960 | 8.5
North by Northwest | 1959 | 8.4
Vertigo | 1958 | 8.4
Rebecca | 1940 | 8.2
Dial M for Murder | 1954 | 8.2
Strangers on a Train | 1951 | 8.1
Rope | 1948 | 8
Notorious | 1946 | 8
The Birds | 1963 | 7.7
(10 rows)
```

Q(3)

```
imdb=> with rob as (select * from roles where pid = 'Redford, Robert (I)'),
paul as (select * from roles where pid = 'Newman, Paul (I)') select title,
year, rank, paul.character as paulchar, paul.billing as paulbilling,
rob.character as robchar, rob.billing as robbilling from ratings natural join
productions natural join paul inner join rob on paul.id = rob.id where attr
is NULL and not rob.character ~ 'Himself' and not paul.character ~ 'Himself';
```

```

title | year | rank | paulchar | paulbilling | robchar | robbilling
-----+-----+-----+-----+-----+-----+-----
Butch Cassidy and the Sundance Kid | 1969 | 8.1 | Butch Cassidy | 1 | The Sundance Kid | 2
Mickybo and Me | 2004 | 7.3 | Butch Cassidy | | The Sundance Kid |
The Sting | 1973 | 8.3 | Henry Gondorff | 1 | Johnny Hooker | 2
(3 rows)
```

Allan Liu
V00806981
CSC 370
Assignment 4

Q(4)

```
imdb=> select pid, id, rank from (directors natural join languages natural
left join ratings) where pid in (select pid from directors natural join
episodes where episodeof~'Hora Marcada') and language='English' order by rank
desc;
```

pid	id	rank
del Toro, Guillermo	The Shape of Water (2017)	
del Toro, Guillermo	The Witches (????)	
de la Riva, Juan Antonio	Aztech (2017)	
del Toro, Guillermo	At the Mountains of Madness (????)	
del Toro, Guillermo	Hellboy 3 (????)	
del Toro, Guillermo	Saturn and the End of Days (????)	
del Toro, Guillermo	Pinocchio (????/II)	
del Toro, Guillermo	The Haunted Mansion (????)	
del Toro, Guillermo	Monster (????) (TV)	
del Toro, Guillermo	P.T. (????) (VG) {{SUSPENDED}}	
Silva, Batan	After Darkness (2016)	
del Toro, Guillermo	"Carnival Row" (????)	
Silva, Batan	"Grimm" (2011) {Iron Hans (#4.19)}	8.5
del Toro, Guillermo	"The Strain" (2014) {Night Zero (#1.1)}	8.3
del Toro, Guillermo	"The Strain" (2014) {BK, NY (#2.1)}	8
del Toro, Guillermo	Pacific Rim: Jaeger Pilot Oculus Rift Experience (2014) (VG)	7.9
Cuarón, Alfonso	Children of Men (2006)	7.9
Cuarón, Alfonso	Harry Potter and the Prisoner of Azkaban (2004)	7.8
Cuarón, Alfonso	Gravity (2013)	7.8
Cuarón, Alfonso	"Believe" (2014) {Pilot (#1.1)}	7.8
Cuarón, Alfonso	A Little Princess (1995)	7.7
Cuarón, Alfonso	Vengeance Is Mine (1983)	7.4
Cuarón, Alfonso	Paris, je t'aime (2006)	7.3
Cuarón, Alfonso	The Possibility of Hope (2007) (V)	7.2
Cuarón, Alfonso	Sólo con tu pareja (1991)	7.1
del Toro, Guillermo	Pacific Rim (2013)	7
del Toro, Guillermo	Hellboy II: The Golden Army (2008)	7
Cuarón, Alfonso	Great Expectations (1998)	6.8
del Toro, Guillermo	Hellboy (2004)	6.8
del Toro, Guillermo	Blade II (2002)	6.7
del Toro, Guillermo	Cronos (1993)	6.7
del Toro, Guillermo	Crimson Peak (2015)	6.6
Gurrola, Alfredo (I)	Cabalgando con la muerte (1989)	6.2
del Toro, Guillermo	Mimic (1997)	5.9

(34 rows)

Allan Liu
V00806981
CSC 370
Assignment 4

Q(5)

```
imdb=> with lucasmovie as (select id from directors where pid='Lucas, George (I)'), kurosawamovie as (select id from directors where pid='Kurosawa, Akira') select id as lucas, idlinkedto as kurosawa, relationship from links where id in (select id from lucasmovie) and idlinkedto in (select id from kurosawamovie);
```

lucas		kurosawa		relationship
-----+-----+-----				
Star Wars (1977)		Dersu Uzala (1975)		references
Star Wars (1977)		Kakushi-toride no san-akunin (1958)		references
Star Wars (1977)		Shichinin no samurai (1954)		references
Star Wars (1977)		Yôjinbô (1961)		references
Star Wars: Episode II - Attack of the Clones (2002)		Kagemusha (1980)		references
Star Wars: Episode II - Attack of the Clones (2002)		Shichinin no samurai (1954)		references
Star Wars: Episode III - Revenge of the Sith (2005)		Shichinin no samurai (1954)		references
Star Wars: Episode I - The Phantom Menace (1999)		Kagemusha (1980)		references
Star Wars: Episode I - The Phantom Menace (1999)		Kakushi-toride no san-akunin (1958)		references
Star Wars: Episode I - The Phantom Menace (1999)		Kumonosu-jô (1957)		references
Star Wars: Episode I - The Phantom Menace (1999)		Shichinin no samurai (1954)		references
(11 rows)				