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CSC 370
Assignment 3

Q(1)

```
imdb=> select id, year from productions where year > 2011 and id~'Harry Potter' and attr is null;
```

id	year
Drunk Harry Potter (2013)	2013
Harry Potter v. Voldemort (2012)	2012
Harry Potter and the Escape from Gringotts (2014)	2014
Harry Potter and the Unlikely Collaboration (2013)	2013
Harry Potter Casts a revealing spell (2016)	2016
Harry Potter's Parent Teacher Conference (2012)	2012
Hufflepuff: A Harry Potter Rap Parody (2015)	2015
Life After Hogwarts: Episode 1 - Harry Potter Goes to Therapy (2012)	2012
Nizard Harry Potter Rap (2012)	2012

(9 rows)

Q(2)

```
imdb=> select id, character from roles where pid = 'Streep, Meryl' and id in (select id from productions where year < 1980 and attr is null);
```

id	character
Everybody Rides the Carousel (1975)	Stage 6
Julia (1977)	Anne Marie
Kramer vs. Kramer (1979)	Joanna Kramer
Manhattan (1979)	Jill
The Deer Hunter (1978)	Linda
The Seduction of Joe Tynan (1979)	Karen Traynor

(6 rows)

Q(3)

```
imdb=> select id, character, billing from roles where pid = 'Eastwood, Clint' and id in (select id from directors where pid = 'Leone, Sergio (I)');
```

id	character	billing
Il buono, il brutto, il cattivo (1966)	Blondie	2
Per qualche dollaro in più (1965)	Monco	1
Per un pugno di dollari (1964)	Joe	1

(3 rows)

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Q(4)

```
imdb=> select id from roles where pid='Nimoy, Leonard' intersect  
select id from roles where pid='Hawking, Stephen';  
id
```

```
-----  
The Science of Star Trek (1995) (TV)  
How William Shatner Changed the World (2005) (TV)  
(2 rows)
```

Q(5)

```
imdb=> with same_actors as (select pid from roles where id='The Matrix  
Reloaded (2003)' intersect select pid from roles where id='The Matrix  
(1999)') select id, pid, character from roles where pid in (select *  
from same_actors) and (id='The Matrix Reloaded (2003)' or id='The  
Matrix (1999)');
```

id	pid	character
The Matrix (1999)	Reeves, Keanu	Neo
The Matrix Reloaded (2003)	Reeves, Keanu	Neo
The Matrix (1999)	Fishburne, Laurence	Morpheus
The Matrix Reloaded (2003)	Fishburne, Laurence	Morpheus
The Matrix (1999)	Foster, Gloria (I)	Oracle
The Matrix Reloaded (2003)	Foster, Gloria (I)	The Oracle
The Matrix (1999)	Weaving, Hugo	Agent Smith
The Matrix Reloaded (2003)	Weaving, Hugo	Agent Smith
The Matrix (1999)	Moss, Carrie-Anne	Trinity
The Matrix Reloaded (2003)	Moss, Carrie-Anne	Trinity

(10 rows)