

# SE Boot Camp Assignment 7

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## Part A

```
select count(*) from actors
union all
select count(*) from directors
union all
select count(*) from movies
union all
select count(*) from movie_revenues
union all
select count(*) from movies_actors
```

Data Output	
	count bigint
1	147
2	37
3	53
4	53
5	181

## Part B

1

```
SELECT movie_name, release_date FROM movies;
```

	movie_name	release_date
	character varying (50)	date
41	The Fifth Element	1997-05-09
42	The Lives of Others	2007-02-09
43	The Shining	1980-05-23
44	The Sound of Music	1965-03-02
45	The Wizard of Oz	1939-08-25
46	There Will Be Blood	2007-12-26
47	Three Billboards Outside Ebbing, Missouri	2017-11-10
48	Titanic	1997-12-19
49	Top Gun	1986-05-16
50	Toy Story	1995-11-22
51	V for Vendetta	2006-03-17
52	Watchmen	2009-03-06
53	Way of the Dragon	1972-06-01

2

```
SELECT first_name, last_name FROM directors
WHERE nationality = 'American';
```

Data Output Explain Messages Notifications

	<b>first_name</b> character varying (30) 🔒	<b>last_name</b> character varying (30) 🔒
4	Victor	Fleming
5	Francis	Ford Coppola
6	Stanley	Kubrick
7	John	Lasseter
8	George	Lucas
9	Sam	Raimi
10	Mark	Romanek
11	Martin	Scorsese
12	Zack	Snyder
13	Steven	Spielberg
14	Quentin	Tarantino
15	Robert	Wise
16	Robert	Zemeckis

3

```
SELECT first_name, last_name FROM actors
WHERE gender = 'M' AND date_of_birth BETWEEN '1940-02-01' AND '1969-12-31';
```

Data Output Explain Messages Notificatic

	<b>first_name</b> character varying (30) 🔒	<b>last_name</b> character varying (30) 🔒
42	Joe	Pesci
43	Per	Ragnar
44	Jean	Reno
45	Sam	Rockwell
46	Martin	Sheen
47	George	Tokoro
48	Noah	Taylor
49	John	Travolta
50	Hugo	Weaving
51	Mykelti	Williamson
52	Bruce	Willis
53	Owen	Wilson
54	Billy	Zane

4




```
SELECT movie_name FROM movies
WHERE movie_length > 90 AND movie_lang = 'English';
```

	Data Output	Explain	Messages	Notif
	<div>  <b>movie_name</b>            character varying (50)         </div> <div>  </div>			
25	Taxi Driver			
26	The Darjeeling Limited			
27	The Fifth Element			
28	The Shining			
29	The Sound of Music			
30	The Wizard of Oz			
31	There Will Be Blood			
32	Three Billboards Outside Ebbing, Missouri			
33	Titanic			
34	Top Gun			
35	Toy Story			
36	V for Vendetta			
37	Watchmen			

## Part C

1

```
SELECT movie_name, movie_lang FROM movies
WHERE movie_lang = 'English' OR movie_lang = 'Spanish' OR movie_lang = 'Korean';
```

	Data Output	Explain	Messages	Notifications
	 <b>movie_name</b> character varying (50)		<b>movie_lang</b> character varying (20)	
28	Taxi Driver		English	
29	The Darjeeling Limited		English	
30	The Fifth Element		English	
31	The Shining		English	
32	The Sound of Music		English	
33	The Wizard of Oz		English	
34	There Will Be Blood		English	
35	Three Billboards Outside Ebbing, Missouri		English	
36	Titanic		English	
37	Top Gun		English	
38	Toy Story		English	
39	V for Vendetta		English	
40	Watchmen		English	

2

```
SELECT first_name, last_name FROM actors
WHERE last_name LIKE 'M%' AND date_of_birth BETWEEN '1940-01-01' AND '1969-12-31';
```

	Data Output	Explain	Messages	Notificati
	<b>first_name</b> character varying (30)		<b>last_name</b> character varying (30)	
1	Francis		McDormand	
2	Malcolm		McDowell	
3	Alfred		Molina	
4	Cathy		Moriarty	
5	Ulrich		Muhe	
6	Bill		Murray	

3

```
SELECT first_name, last_name FROM directors
WHERE nationality = 'British' OR nationality = 'French' OR nationality = 'German' AND date_of_birth BETWEEN '1950-01-01' AND '1980-12-31';
```

	Data Output	Explain	Messages	Notificat
	<b>first_name</b> character varying (30)		<b>last_name</b> character varying (30)	
1	Richard		Ayoade	
2	Luc		Besson	
3	Florian		Henckel von Donners...	
4	Terry		Jones	
5	Martin		McDonagh	
6	Ridley		Scott	
7	Tony		Scott	
8	Robert		Stevenson	

## Part D:

1

```
SELECT * FROM directors
Order by date_of_birth desc;
```

Data Output Explain Messages Notifications

	<b>director_id</b> [PK] integer	<b>first_name</b> character varying (30)	<b>last_name</b> character varying (30)	<b>date_of_birth</b> date	<b>nationality</b> character varying (20)
26	17	George	Lucas	1944-05-14	American
27	26	Martin	Scorsese	1942-11-17	American
28	12	Terry	Jones	1942-02-01	British
29	21	Hayao	Miyazaki	1941-01-05	Japanese
30	16	Bruce	Lee	1940-11-27	Chinese
31	9	Francis	Ford Coppola	1939-04-07	American
32	27	Ridley	Scott	1937-11-30	British
33	10	Kinji	Fukasaku	1930-07-03	Japanese
34	13	Stanley	Kubrick	1928-07-26	American
35	34	Robert	Wise	1914-09-10	American
36	32	Robert	Stevenson	1905-03-31	British
37	8	Victor	Fleming	1889-02-23	American

2

```
Select Distinct(nationality) From directors;
```



	<b>nationality</b> character varying (20) 
1	Chinese
2	American
3	Japanese
4	Australian
5	German
6	Mexican
7	Brazilian
8	French
9	British
10	Swedish
11	South Korean

3

```
SELECT first_name, last_name, date_of_birth FROM actors
WHERE gender = 'F'
Order by date_of_birth desc LIMIT 10;
```

**Data Output**

Explain

Messages

Notifications

	<b>first_name</b> character varying (30) 🔒	<b>last_name</b> character varying (30) 🔒	<b>date_of_birth</b> date 🔒
1	Lina	Leandersson	1995-09-27
2	Ivana	Baquero	1994-06-11
3	Saoirse	Ronan	1994-04-12
4	Yasmin	Paige	1991-06-24
5	Rumi	Hiiragi	1987-08-01
6	Aki	Maeda	1985-07-11
7	Carey	Mulligan	1985-05-28
8	Keira	Knightley	1985-03-26
9	Jin-seo	Yoon	1983-08-05
10	Alice	Braga	1983-04-15