SE Boot Camp Assignment 5
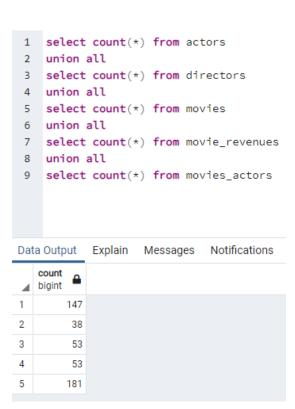
Part A. Run below query and show the result

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

```
1  select count(*) from actors
2  union all
3  select count(*) from directors
4  union all
5  select count(*) from movies
6  union all
7  select count(*) from movie_revenues
8  union all
9  select count(*) from movies_actors
```

Data Output   Explain   Messages   Notifications

	count bigint
1	147
2	38
3	53
4	53
5	181

Part B. Run below 4 queries and show the result

1.Select the movie_name and release_ date of every movie

```
1  select movie_name, release_date from movies
```

Data Output   Explain   Messages   Notifications

	movie_name character varying (50)	release_date date
1	A Clockwork Orange	1972-02-02
2	Apocalypse Now	1979-08-15
3	Battle Royale	2001-01-04
4	Blade Runner	1982-06-25
5	Chungking Express	1996-08-03
6	City of God	2003-01-17
7	City of Men	2008-02-29
8	Cold Fish	2010-09-12
9	Crouching Tiger Hidden Dragon	2000-07-06
10	Eyes Wide Shut	1999-07-16
11	Forrest Gump	1994-07-06
12	Gladiator	2000-05-05
13	Gone with the Wind	1939-12-15
14	Goodfellas	1990-09-19
15	Grand Budapest Hotel	2014-07-03
16	House of Flying Daggers	2004-03-12

2. Select the first and last names of all American directors

```
1  select first_name, last_name
2  from directors
3  where nationality = 'American'
```

Data Output   Explain   Messages   Notifications

	first_name character varying (30)	last_name character varying (30)
1	Paul	Anderson
2	Wes	Anderson
3	James	Cameron
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 all male actors born after the 1st of January 1970

```sql
1  select (first_name, last_name) as name
2  from actors
3  where date_of_birth > '1970-01-01' and gender = 'M'
```

Data Output   Explain   Messages   Notifications

	name record
1	(Adrien,Brody)
2	(Chen,Chang)
3	(Paddy,Considine)
4	(Darian,Cunha)
5	(Paul,Dano)
6	(Leonardo,DiCaprio)
7	(Hiroki,Doi)
8	(Leandro,Firmino)
9	(James,Franco)
10	(Dillon,Freasier)
11	(Tatsuya,Fujiwara)
12	(Mason,Gamble)
13	(Andrew,Garfield)
14	(Kare,Hedebrant)
15	(Miyu,Irino)
16	(Takeshi,Kaneshiro)

4. Select the names of all movies which are over 90 min long and movie language is English

```sql
1  select movie_name
2  from movies
3  where movie_length > 90 and movie_lang = 'English'
```

Data Output   Explain   Messages   Notifications

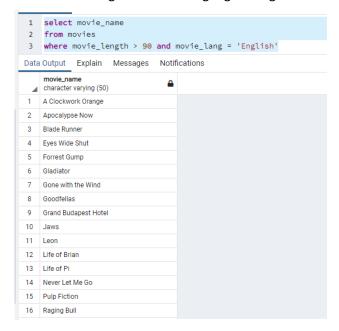|	movie_name character varying (50)
1	A Clockwork Orange
2	Apocalypse Now
3	Blade Runner
4	Eyes Wide Shut
5	Forrest Gump
6	Gladiator
7	Gone with the Wind
8	Goodfellas
9	Grand Budapest Hotel
10	Jaws
11	Leon
12	Life of Brian
13	Life of Pi
14	Never Let Me Go
15	Pulp Fiction
16	Raging Bull

Part C. Run below 3 queries and show the result

1. Select the movie names and movie languages of all movies language of English, Spanish, or Korean

```sql
1  select movie_name, movie_lang
2  from movies
3  where movie_lang in ('English','Spanish','Korean')
```

Data Output   Explain   Messages   Notifications

	movie_name character varying (50)	movie_lang character varying (20)
1	A Clockwork Orange	English
2	Apocalypse Now	English
3	Blade Runner	English
4	Eyes Wide Shut	English
5	Forrest Gump	English
6	Gladiator	English
7	Gone with the Wind	English
8	Goodfellas	English
9	Grand Budapest Hotel	English
10	Jaws	English
11	Leon	English
12	Life of Brian	English
13	Life of Pi	English
14	Mary Poppins	English
15	Never Let Me Go	English
16	Oldboy	Korean

2. Select the first and last names of the actors whose last name begins with M and were born in between 1/1/1950 and 12/31/1980

```sql
1   select first_name, last_name
2   from actors
3   where date_of_birth between '1940-01-01' and '1969-12-31'
4   and last_name like'm%'
5
6
7   |
8
9
10
```

Data Output   Explain   Messages   Notifications

first_name character varying (30)	last_name character varying (30)

3. Select the first and last names of directors with nationality of British, French, or German born between 1/1/1950 and 12/31/1980

Query Editor Query History

```
1  select first_name, last_name
2  from directors
3  where nationality in ('British','German','French')
4  and date_of_birth between '1950-01-01' and '1980-12-31'
```

Data Output Explain Messages Notifications

	first_name character varying (30)	last_name character varying (30)
1	Richard	Ayoade
2	Luc	Besson
3	Florian	Henckel von Donnersmarck
4	Martin	McDonagh
5	Christopher	Nolan