Part A No.1

```
6  --Assignment 8
7  --Part A No.1
8  SELECT count(*) from actors
9  WHERE date_of_birth > '1970-01-01';
10
```

Data output | Messages | Notifications

	count bigint
1	55

Part A No.2

```
1  --Part A No.2
2  SELECT max(domestic_takings), min(domestic_takings) from movie_revenues;
3
```

Data output | Messages | Notifications

	max numeric	min numeric
1	659.20	0.30

Part A No.3

```
1  --Part A No.3
2  SELECT sum(movie_length)from movies
3  where age_certificate = '15';
4
```

Data output | Messages | Notifications

	sum bigint
1	2184

Part A No.4

```
1  --Part A No.4
2  SELECT count(director_id) from directors
3  where nationality = 'Japanese';
4
```

Data output | Messages | Notifications

	count bigint
1	3

Part A No.5

```
1  --Part A No.5
2  SELECT avg(movie_length) from movies
3  where movie_lang = 'Chinese';
4
```

Data output | Messages | Notifications

	avg numeric
1	121.8000000

Part B No.1

```
1  --Part B No.1
2  SELECT nationality, count(nationality) from directors
3  GROUP BY nationality;
4
```

Data output | Messages | Notifications

	nationality character varying (20)	count bigint
1	Chinese	4
2	American	16
3	Japanese	3
4	Australian	1
5	German	1
6	Mexican	1
7	Brazilian	2
8	French	1
9	British	6
10	Swedish	1
11	South Korean	1

Part B No.2

```
1  --Part B No.2
2  SELECT age_certificate, movie_lang, sum(movie_length) from movies
3  GROUP BY (age_certificate, movie_lang);
4
```

Data output | Messages | Notifications

	age_certificate character varying (5)	movie_lang character varying (20)	sum bigint
1	15	Swedish	128
2	PG	English	1364
3	18	Portuguese	145
4	PG	Spanish	98
5	18	Korean	130
6	18	Japanese	219
7	15	Chinese	113
8	15	Portuguese	140
9	U	English	393
10	12	English	929
11	U	Japanese	227
12	18	English	500
13	15	German	165
14	12	Chinese	496
15	15	English	1638

Part B No.3

```
1  --Part B No.3
2  SELECT movie_lang from movies
3  GROUP BY movie_lang
4  HAVING sum(movie_length) > '500';
5
```

Data output | Messages | Notifications

	movie_lang character varying (20)
1	Chinese
2	English

Part C No.1

```
--Part C No.1
SELECT distinct ac.first_name, ac.last_name from actors ac
JOIN movie_actors ma ON ac.actor_id = ma.actor_id
JOIN movies mv ON ma.movie_id = mv.movie_id
JOIN directors d ON d.director_id = mv.director_id
WHERE d.first_name = 'Wes' and d.last_name = 'Anderson'
order by ac.first_name;
```

Data output | Messages | Notifications

	first_name character varying (30)	last_name character varying (30)
1	Adrien	Brody
2	Bill	Murray
3	Brian	Cox
4	Edward	Norton
5	Jason	Schwartzmann
6	Jeff	Goldblum
7	Jude	Law
8	Luke	Wilson
9	Mason	Gamble
10	Olivia	Williams
11	Owen	Wilson
12	Ralph	Fiennes

Total rows: 16 of 16 | Query complete 00:00:00.056

Part C No.2

```
--Part C No.2
SELECT first_name, last_name, date_of_birth from actors
WHERE date_of_birth IN (SELECT min(date_of_birth) from actors
                        group by gender)
```

Data output | Messages | Notifications

	first_name character varying (30)	last_name character varying (30)	date_of_birth date
1	Clark	Gable	1901-02-01
2	Vivien	Leigh	1913-11-05

Part C No.3

```
1  --Part C No.3
2  select movie_name, movie_length, age_certificate
3  from movies
4  where movie_length >
5  (select avg(movie_length) from movies
6  where movie_length = movie_length);
```

Data output | Messages | Notifications

	movie_name character varying (50)	movie_length integer	age_certificate character varying (5)
1	Apocalypse Now	168	15
2	City of God	145	18
3	City of Men	140	15
4	Crouching Tiger Hidd…	139	12
5	Eyes Wide Shut	130	18
6	Gladiator	165	15
7	Goodfellas	148	15
8	House of Flying Dagg…	134	12
9	Jaws	134	12
10	Let the Right One In	128	15
11	Life of Pi	129	PG
12	Oldboy	130	18
13	Pulp Fiction	136	15

Total rows: 23 of 23 | Query complete 00:00:00.074

Part D:

Teammate: Jiamin Shi, Daisy Chen, Ashfak Uddin

We plan to make a shopping website. Right now, we just assign each one a page to do the layout. Haven’t talked about the deeper things.