




SE Bootcamp Assignment 8



Name: Gabriel Espinoza

Part A

1

```
SELECT Count(actors) FROM actors
WHERE date_of_birth > '1970-01-01'
```

☐  count 

		Filter
<input type="checkbox"/>	1	55

2

```
SELECT max(domestic_takings) as "Highest Domestic Takings", min(domestic_takings) from movie_revenues
```

Input To Search Data

 Cost: 6ms
 < 1 > Total 1

☐ 🔍 Highest Domestic Takings min

		Filter	Filter
<input type="checkbox"/>	1	659.20	0.30

3

```
SELECT sum(movie_length) as "Total Movie Length"
FROM movies
WHERE age_certificate = '15'
```

Input To Search Data

 Cost: 5ms
 < 1 > Total 1

☐ 🔍 Total Movie Length

		Filter
<input type="checkbox"/>	1	2184

4

```
SELECT count(*) as "Total Japanese Directors"
FROM directors
WHERE nationality = 'Japanese'
```

Input To Search Data








 Cost: 6ms
 < 1 > Total 1

☐ 🔍 Total Japanese Directors

		Filter
<input type="checkbox"/>	1	3

5

```
SELECT avg(movie_length) as "Average Movie Length of Chinese Movies"
FROM movies
WHERE movie_lang = 'Chinese'
```

 Input To Search Data       Cost: 2ms < 1 > Total 1








☐ 🔍 Average Movie Lengthl ⚡




		Filter
<input type="checkbox"/>	1	121.8000000000000000

Part B

1

```
SELECT nationality, COUNT(nationality) as Directors
FROM directors
GROUP BY nationality
ORDER BY Directors DESC
```

☐  **nationality**  **directors** 
character varyin

<input type="checkbox"/>	5	Brazilian	2
<input type="checkbox"/>	6	Swedish	1
<input type="checkbox"/>	7	South Korean	1
<input type="checkbox"/>	8	Australian	1
<input type="checkbox"/>	9	German	1
<input type="checkbox"/>	10	Mexican	1
<input type="checkbox"/>	11	French	1

2

```
SELECT movie_lang, age_certificate, sum(movie_length)
FROM movies
GROUP BY movie_lang, age_certificate
```

+

🔒

🐙

+

🗑️

↓

▶️

Cost: 3ms

☐

character var

☐

character varying

☐

<input checked="" type="checkbox"/>	9	Portuguese	15	140
<input type="checkbox"/>	10	German	15	165
<input type="checkbox"/>	11	Korean	18	130
<input type="checkbox"/>	12	Portuguese	18	145
<input type="checkbox"/>	13	English	U	393
<input type="checkbox"/>	14	English	12	929
<input type="checkbox"/>	15	Japanese	U	227

3

```
SELECT movie_lang, sum(movie_length) as "Total Movies Length"
FROM movies
GROUP BY movie_lang
HAVING sum(movie_length) > 500
```



Cost: 3ms



movie_lang
character var



Total Movies Length



		Filter	Filter
<input type="checkbox"/>	1	Chinese	609
<input type="checkbox"/>	2	English	4824

Part C

1

```
SELECT first_name, last_name
FROM actors
WHERE actor_id in (
  SELECT actor_id
  FROM movies_actors
  WHERE movie_id In (
    SELECT movie_id
    FROM movies
    WHERE director_id in (
      SELECT director_id
      FROM directors
      WHERE first_name = 'Wes' AND last_name = 'Anderson'))))
```

Input To Search Data

first_name character varying last_name character varying

11	Ralph	Fiennes
12	Olivia	Williams
13	Mason	Gamble
14	Luke	Wilson
15	Owen	Wilson
16	Adrien	Brody

main* 0 0 BootcampSQL localhost public

2

```

SELECT first_name, last_name, date_of_birth
FROM actors
WHERE date_of_birth = (
    SELECT min(date_of_birth)
    FROM actors WHERE gender = 'M')
OR
date_of_birth = (
    SELECT min(date_of_birth)
    FROM actors WHERE gender = 'F')

```





first_name
character var



last_name
character v



date_of_birth
date



		Filter	Filter	Filter
	1	Clark	Gable	1901-02-01
	2	Vivien	Leigh	1913-11-05

3


```
SELECT movie_name, movie_length, age_certificate
FROM movies
GROUP BY age_certificate, movie_name, movie_length
HAVING movie_length > (
    SELECT avg(movie_length)
    FROM movies)
```

Input To Search Data

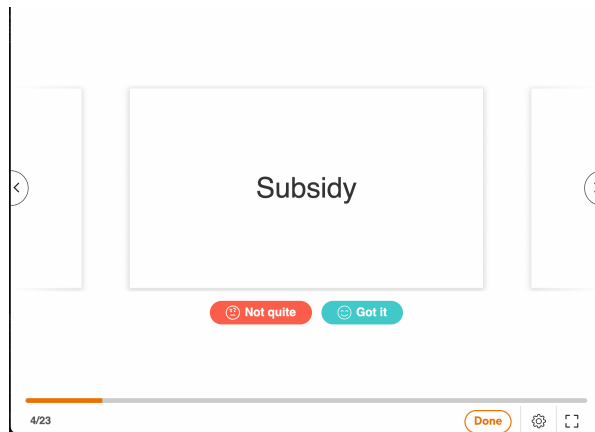
Cost: 3ms

		movie_name character varying	movie_length integer	age_certificate character varying
	19	Let the Right One In	128	15
	20	The Lives of Others	165	15
	21	Gladiator	165	15
	22	Oldboy	130	18
	23	House of Flying Dagge	134	12

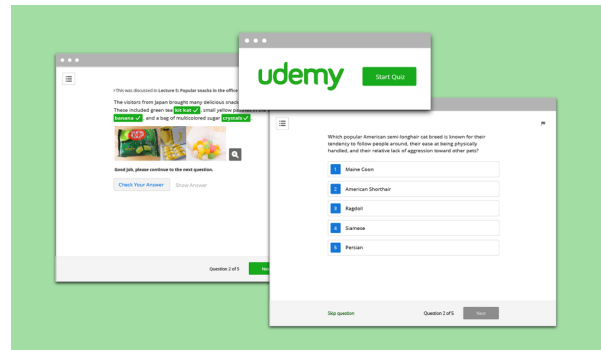
main* 0 0 BootcampSQL localhost public

Part D:

Project Proposal



Flash Card Type



Multiple Choice quiz Type

Team Members:

- Gabriel Espinoza
- Hans Chaudry

For the final project we plan to create a study app, where users can create their own quiz that they can later take for review. we have not decided yet, what type of quiz (study card or multiple choice), but we will allow the user to create multiple quizzes. For each deck or quiz the user will be allowed to create multiple questions with their corresponding answer (All data will be stored in the database). Then when the user enter study mode we will get the data from the db and present it to the user.

Tasks:

Note: We will help each other in the whole process, but below are some of the task each member will be doing.

Gabriel Espinoza - I will mostly work on the backend setting up the server and database.

Hans Chaudry - Mostly will work on the frontend and assist in the backend when if needed.

