

Rhyan Barrows

Assignment 12

A.

1.

```
1 SELECT
2     COUNT(*)
3 FROM
4     actors
5 WHERE
6     date_of_birth > '01/01/1970';
7
```

Data Output Explain Messages Notifications

| | count bigint | |
|---|-----------------|--|
| 1 | 55 | |

2.

```
8 (SELECT domestic_takings FROM movie_revenues
9     WHERE domestic_takings = (SELECT MAX(domestic_takings) FROM movie_revenues))
10 UNION ALL
11 (SELECT domestic_takings FROM movie_revenues
12     WHERE domestic_takings = (SELECT MIN(domestic_takings) FROM movie_revenues));
```

Data Output Explain Messages Notifications

| | domestic_takings numeric (6,2) | |
|---|-----------------------------------|--|
| 1 | 659.20 | |
| 2 | 0.30 | |

3.

```
14 SELECT SUM (movie_length)
15     FROM movies
16     WHERE age_certificate = '15';
```


Data Output Explain Messages Notifications

| | sum bigint | |
|---|---------------|--|
| 1 | 2184 | |

4.

```
18 SELECT
19     COUNT (*)
20     FROM directors
21     WHERE nationality = 'Japanese';
22
```


Data Output Explain Messages Notifications

| | count bigint  | |
|---|---|--|
| 1 | 3 | |

5.

```
23 SELECT AVG (movie_length)::NUMERIC(10,2) FROM movies
24     WHERE movie_lang = 'Chinese';
25
```

Data Output Explain Messages Notifications

| | avg numeric (10,2)  | |
|---|---|--|
| 1 | 121.80 | |

B.

1.

```
26 SELECT nationality, COUNT(nationality) FROM directors
27     GROUP BY nationality;
28
```





[Data Output](#) [Explain](#) [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 |

2.

```
29 SELECT movie_lang, age_certificate, SUM(movie_length) FROM movies
30     GROUP BY movie_lang, age_certificate
31     ORDER BY movie_lang, age_certificate;
```




Data Output Explain Messages Notifications

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

3.

```
33 SELECT movie_lang, SUM(movie_length) FROM movies
34     GROUP BY movie_lang
35     HAVING SUM(movie_length) > '500';
```

Data Output Explain Messages Notifications

| |  movie_lang character varying (20)  | sum bigint  | |
|---|--|---|--|
| 1 | Chinese | 609 | |
| 2 | English | 4824 | |

C.

1.

```
37 SELECT d.first_name, d.last_name, m.movie_name, m.release_date FROM directors d
38 JOIN movies m ON d.director_id = m.director_id
39 WHERE m.movie_lang IN ('Chinese', 'Japanese', 'Korean');
40
```

Data Output Explain Messages Notifications

| | first_name character varying (30) | last_name character varying (30) | movie_name character varying (50) | release_date date |
|----|---|--|---|-----------------------------|
| 1 | Kinji | Fukasaku | Battle Royale | 2001-01-04 |
| 2 | Ang | Lee | Crouching Tiger Hidden Dra... | 2000-07-06 |
| 3 | Bruce | Lee | Way of the Dragon | 1972-06-01 |
| 4 | Hayao | Miyazaki | Spirited Away | 2001-06-19 |
| 5 | Hayao | Miyazaki | Ponyo | 2009-08-14 |
| 6 | Chan-wook | Park | Oldboy | 2005-03-25 |
| 7 | Sion | Sono | Cold Fish | 2010-09-12 |
| 8 | Kar Wai | Wong | In the Mood for Love | 2001-02-02 |
| 9 | Kar Wai | Wong | Chungking Express | 1996-08-03 |
| 10 | Yimou | Zhang | House of Flying Daggers | 2004-03-12 |

2.

```
41 SELECT m.movie_name, m.release_date, r.international_takings FROM movies m
42 JOIN movie_revenues r ON m.movie_id = r.movie_id
43 WHERE m.movie_lang = 'English'
44 ;
```

Data Output Explain Messages Notifications

| | movie_name character varying (50) | release_date date | international_takings numeric (6,2) |
|----|---|-----------------------------|---|
| 1 | The Wizard of Oz | 1939-08-25 | 1.30 |
| 2 | Gone with the Wind | 1939-12-15 | 201.20 |
| 3 | Mary Poppins | 1964-08-29 | [null] |
| 4 | The Sound of Music | 1965-03-02 | [null] |
| 5 | A Clockwork Orange | 1972-02-02 | [null] |
| 6 | Jaws | 1975-06-20 | 210.90 |
| 7 | Taxi Driver | 1976-02-07 | [null] |
| 8 | Star Wars: A New Hope | 1977-05-25 | 314.20 |
| 9 | Apocalypse Now | 1979-08-15 | [null] |
| 10 | Life of Brian | 1979-08-17 | [null] |
| 11 | Star Wars: Empire Strikes Ba... | 1980-05-21 | 247.80 |
| 12 | The Shining | 1980-05-23 | [null] |
| 13 | Raging Bull | 1980-11-14 | [null] |
| 14 | Blade Runner | 1982-06-25 | [null] |
| 15 | Star Wars: Return of the Jedi | 1983-05-25 | 166.20 |
| 16 | Top Gun | 1986-05-16 | 177.30 |
| 17 | Goodfellas | 1990-09-19 | [null] |
| 18 | Forrest Gump | 1994-07-06 | 348.10 |
| 19 | Pulp Fiction | 1994-10-14 | 106.20 |

3.

```

45 SELECT m.movie_name, r.domestic_takings, r.international_takings FROM movies m
46 JOIN movie_revenues r ON m.movie_id = r.movie_id
47 WHERE r.domestic_takings IS NULL
48 OR r.international_takings IS NULL |
49 ORDER BY movie_name DESC;
50

```

[Data Output](#) [Explain](#) [Messages](#) [Notifications](#)

| | movie_name character varying (50) | domestic_takings numeric (6,2) | international_takings numeric (6,2) | |
|----|--------------------------------------|-----------------------------------|--|--|
| 1 | Way of the Dragon | [null] | [null] | |
| 2 | The Sound of Music | 158.70 | [null] | |
| 3 | The Shining | 44.10 | [null] | |
| 4 | Taxi Driver | 28.10 | [null] | |
| 5 | Rushmore | 16.90 | [null] | |
| 6 | Raging Bull | 23.10 | [null] | |
| 7 | Mary Poppins | 102.10 | [null] | |
| 8 | Life of Brian | 19.60 | [null] | |
| 9 | Leon | [null] | [null] | |
| 10 | Goodfellas | 46.60 | [null] | |
| 11 | Cold Fish | [null] | [null] | |
| 12 | Chungking Express | [null] | [null] | |
| 13 | Blade Runner | 33.30 | [null] | |
| 14 | Battle Royale | [null] | [null] | |
| 15 | Apocalypse Now | 83.40 | [null] | |
| 16 | A Clockwork Orange | 27.10 | [null] | |