

1. List all directors' names and their respective departments.

```
1 SELECT name,department FROM directors;
```

	name	department
1	James Cameron	Directing
2	Gore Verbinski	Directing
3	Sam Mendes	Directing
4	Christopher Nolan	Directing
5	Andrew Stanton	Directing
6	Sam Raimi	Directing
7	Byron Howard	Directing
8	Joss Whedon	Directing
9	David Yates	Directing

Execution finished without errors.
Result: 2349 rows returned in 8ms
At line 1:
SELECT name,department FROM directors;

2. Retrieve the titles of all movies with a popularity greater than 5.

```
1 SELECT title FROM movies WHERE popularity >5;
```

	title
1	Avatar
2	Pirates of the Caribbean: At ...
3	Spectre
4	The Dark Knight Rises
5	John Carter
6	Spider-Man 3
7	Tangled
8	Avengers: Age of Ultron

Execution finished without errors.
Result: 3376 rows returned in 111ms
At line 1:
SELECT title FROM movies WHERE popularity >5;

3. List the names and IDs of directors in the 'Directing' department who are identified with gender '2'.

```
1 SELECT name, id
2 FROM directors
3 WHERE department = 'Directing' AND gender = 2;
4
```

	name	id
1	James Cameron	4762
2	Gore Verbinski	4763
3	Sam Mendes	4764
4	Christopher Nolan	4765
5	Andrew Stanton	4766
6	Sam Raimi	4767
7	Byron Howard	4768
8	Joss Whedon	4769

Execution finished without errors.
Result: 1574 rows returned in 73ms
At line 1:
SELECT name, id
FROM directors

4. Show the names of all directors who have 'Sam' in their name.

```
1 SELECT name
2 FROM directors
3 WHERE name LIKE '%Sam%';
```

	name
1	Sam Mendes
2	Sam Raimi
3	Sam Fell
4	Sam Weisman
5	Karyn Kusama
6	Sam Taylor-Johnson
7	Sam Miller
8	Sammo Hung

Execution finished without errors.
Result: 11 rows returned in 7ms
At line 1:
SELECT name
FROM directors

5. Display the first 10 movies in the database ordered by release date.

```
1 SELECT release_date
2 FROM movies
3 order by release_date ASC
4 LIMIT 10;
```

	release_date
1	1916-09-04
2	1925-11-05
3	1927-01-10
4	1929-01-30
5	1929-02-08
6	1930-11-15
7	1932-12-08
8	1933-02-02
9	1933-02-09
10	1934-02-22

Execution finished without errors.
Result: 10 rows returned in 64ms
At line 1:
SELECT release_date
FROM movies
order by release_date ASC
LIMIT 10;

6. List all movies with a 'Star' in the title and a vote average greater than 7.

```

1 SELECT title
2 From movies
3 WHERE title LIKE '%Star%' AND vote_average >7;

```

	title
1	Star Trek Into Darkness
2	Star Trek
3	Star Wars: Episode III - Reven...
4	Stardust
5	Star Trek II: The Wrath of Khan
6	The Fault in Our Stars
7	Star Wars
8	Star Wars: Clone Wars: Volum...
9	20 Feet from Stardom

Execution finished without errors.
Result: 9 rows returned in 14ms
At line 1:
SELECT title
From movies

7. Find the titles of movies released between '1995-01-01' and '2000-12-31' with revenues not exceeding 10 million.

```

1 SELECT title
2 FROM movies
3 WHERE release_date BETWEEN '1995-01-01' AND '2000-12-31'
4 AND revenue < 10000000;
5

```

	title
1	Volcano
2	Déjà Vu
3	Mighty Joe Young
4	Little Nicky
5	Inspector Gadget
6	Anna and the King
7	Primary Colors
8	Proof of Life
9	Lucky Numbers
10	The Family Man

Execution finished without errors.
Result: 328 rows returned in 17ms
At line 1:
SELECT title
FROM movies

8. List the names of directors who are assigned a 'uid' greater than 7000 OR less than 100.

```

1 SELECT name
2 FROM directors
3 WHERE uid >7000 OR uid <100;

```

	name
1	Sam Mendes
2	Andrew Stanton
3	Sam Raimi
4	Byron Howard
5	Joss Whedon
6	David Yates
7	Zack Snyder
8	Bryan Singer
9	Marc Forster
10	Rob Marshall

Execution finished without errors.
Result: 2071 rows returned in 104ms
At line 1:
SELECT name
FROM directors

9. List the titles of movies that have a vote count between 50 and 100, inclusive, and a vote average of exactly 7.0.

```

1 SELECT title
2 FROM movies
3 WHERE vote_count BETWEEN '50' and '100'
4 AND vote_average =7;

```

	title
1	Angela's Ashes
2	A Better Life
3	Red Riding: In the Year of Our ...
4	Quo Vadis
5	Another Year
6	Salvador
7	The Black Stallion
8	Elling
9	Fireproof

Execution finished without errors.
Result: 9 rows returned in 12ms
At line 1:
SELECT title
FROM movies

10. Select the names of all directors who have 'John' in their name and a 'uid' less than 10000 but greater than 5000.

```

1 SELECT name
2 FROM directors
3 WHERE name like '%John%'
4 AND uid <10000
5 and uid >5000;

```

	name
1	John Lasseter
2	John Milius
3	John Singleton
4	John Guillermin
5	John McNaughton
6	John Ottman
7	John Huston
8	John Ford

Execution finished without errors.
Result: 8 rows returned in 17ms
At line 1:
SELECT name
FROM directors

11. Retrieve the titles of movies with odd-number 'uid's and even-numbered vote counts that are also higher than 500.

```

1 SELECT title
2 FROM movies
3 WHERE uid % 2 !=0
4 AND vote_count %2 = 0
5 and vote_count >500;

```

	title
1	Avatar
2	Pirates of the Caribbean: At ...
3	Spectre
4	John Carter
5	Spider-Man 3
6	Tangled
7	Pirates of the Caribbean: On ...
8	The Hobbit: The Battle of the ...
9	Titanic
10	Battleship

Execution finished without errors.
Result: 405 rows returned in 11ms
At line 1:
SELECT title
FROM movies

12. Retrieve the titles of movies that have a vote average between 6.0 and 8.0, with vote counts exactly 200, or have a budget less than 500,000 but more than 100,000.

```
1 SELECT title
2 FROM movies
3 WHERE (vote_average BETWEEN 6.0 AND 8.0 AND vote_count > 100000)
4 OR (budget > 100000 AND budget < 500000);
5
```

	title
1	Halloween
2	Control
3	Snow Flower and the Secret Fan
4	Night of the Living Dead
5	Sleeper
6	Open Water
7	Conversations with Other ...
8	42nd Street
9	Metropolitan
10	Napoleon Dynamite

Execution finished without errors.

Result: 58 rows returned in 16ms

At line 1:

SELECT title

FROM movies