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Use sakila database and check the tables

```
mysql> use sakila;
Database changed
mysql> show tables;
+----------------------------+
| Tables_in_sakila           |
+----------------------------+
| actor                      |
| actor_info                 |
| address                    |
| category                   |
| city                       |
| country                    |
| customer                   |
| customer_list              |
| film                       |
| film_actor                 |
| film_category              |
| film_list                  |
| film_text                  |
| inventory                  |
| language                   |
| nicer_but_slower_film_list |
| payment                    |
| rental                     |
| sales_by_film_category     |
| sales_by_store             |
| staff                      |
| staff_list                 |
| store                      |
+----------------------------+
23 rows in set (0.00 sec)
```

Display the total no of movies

```
mysql> select count(*) from film;
+----------+
| count(*) |
+----------+
|     1000 |
+----------+
1 row in set (0.00 sec)
```

Display number of movies released in every year

```
mysql> select release_year,count(film_id) as TotalMovies from film group by release_year;
+--------------+-------------+
| release_year | TotalMovies |
+--------------+-------------+
|         2006 |        1000 |
+--------------+-------------+
1 row in set (0.00 sec)
```

Display the movies where the name starts with a and ends with r

```
mysql> select title from film where title like 'A%R';
+------------------------------+
| title                        |
+------------------------------+
| ACADEMY DINOSAUR             |
| ACE GOLDFINGER               |
| ALADDIN CALENDAR             |
| ALI FOREVER                  |
| ALIEN CENTER                 |
| AMISTAD MIDSUMMER            |
| ARACHNOPHOBIA ROLLERCOASTER  |
+------------------------------+
7 rows in set (0.01 sec)
```

Display the rental for each movie

```
mysql> select title,rental_rate from film limit 10;
+------------------+-------------+
| title            | rental_rate |
+------------------+-------------+
| ACADEMY DINOSAUR |        0.99 |
| ACE GOLDFINGER   |        4.99 |
| ADAPTATION HOLES |        2.99 |
| AFFAIR PREJUDICE |        2.99 |
| AFRICAN EGG      |        2.99 |
| AGENT TRUMAN     |        2.99 |
| AIRPLANE SIERRA  |        4.99 |
| AIRPORT POLLOCK  |        4.99 |
| ALABAMA DEVIL    |        2.99 |
| ALADDIN CALENDAR |        4.99 |
+------------------+-------------+
10 rows in set (0.00 sec)
```

Display the amount paid by every customer

```
mysql> select c.first_name,c.last_name,sum(p.amount) as total_amount_paid from customer c join payment p on c.customer_id=p.customer_id group by c.first_name,c.last_name order by sum(p.amount) limit 10;
+------------+-----------+-------------------+
| first_name | last_name | total_amount_paid |
+------------+-----------+-------------------+
| CAROLINE   | BOWMAN    |             50.85 |
| LEONA      | OBRIEN    |             50.86 |
| BRIAN      | WYMAN     |             52.88 |
| JOHNNY     | TURPIN    |             57.81 |
| ANNIE      | RUSSELL   |             58.82 |
| KATHERINE  | RIVERA    |             58.86 |
| TIFFANY    | JORDAN    |             59.86 |
| ANITA      | MORALES   |             62.85 |
| MATTIE     | HOFFMAN   |             64.78 |
| KIRK       | STCLAIR   |             64.81 |
+------------+-----------+-------------------+
10 rows in set (0.03 sec)
```

display the actor details along with number of movies

```
mysql> select a.first_name,a.last_name,count(film_id) as total_movies  from film_actor f join actor_info a on f.actor_id=a.actor_id group by a.first_name,a.last_name order by a.first_name limit 10;
+------------+-------------+--------------+
| first_name | last_name   | total_movies |
+------------+-------------+--------------+
| ADAM       | GRANT       |           18 |
| ADAM       | HOPPER      |           22 |
| AL         | GARLAND     |           26 |
| ALAN       | DREYFUSS    |           27 |
| ALBERT     | JOHANSSON   |           33 |
| ALBERT     | NOLTE       |           31 |
| ALEC       | WAYNE       |           29 |
| ANGELA     | HUDSON      |           34 |
| ANGELA     | WITHERSPOON |           35 |
| ANGELINA   | ASTAIRE     |           31 |
+------------+-------------+--------------+
10 rows in set (0.37 sec)
```

Display the most and least expensive movies

```
mysql> select title,price from film_list where price=(select max(price) from film_list) or price=(select min(price) from film_list) order by title limit 10;
+------------------+-------+
| title            | price |
+------------------+-------+
| ACADEMY DINOSAUR |  0.99 |
| ACE GOLDFINGER   |  4.99 |
| AIRPLANE SIERRA  |  4.99 |
| AIRPORT POLLOCK  |  4.99 |
| ALADDIN CALENDAR |  4.99 |
| ALAMO VIDEOTAPE  |  0.99 |
| ALASKA PHANTOM   |  0.99 |
| ALI FOREVER      |  4.99 |
| ALICE FANTASIA   |  0.99 |
| ALONE TRIP       |  0.99 |
+------------------+-------+
10 rows in set, 1 warning (0.07 sec)
```

Display top 5 highest popular movies

```
mysql> select f.title,count(r.rental_id) as total_rents from rental r join inventory i on i.inventory_id=r.inventory_id join film f on f.film_id=i.film_id group by f.title order by total_rents desc limit 5;
+--------------------+-------------+
| title              | total_rents |
+--------------------+-------------+
| BUCKET BROTHERHOOD |          34 |
| ROCKETEER MOTHER   |          33 |
| FORWARD TEMPLE     |          32 |
| GRIT CLOCKWORK     |          32 |
| JUGGLER HARDLY     |          32 |
+--------------------+-------------+
5 rows in set (0.01 sec)
```