DVDRENTAL DATABASE

1)Select all data from teh payment table

**--- select \* from payment**

2) Select paymentid, amount and date from payment table

**--- Select payment\_id, amount,payment\_date from payment**

3) select the aveare amount paid from teh payment table

**--- select avg(amount) from payment**

4) select the unique city\_id in address

**--- select distinct(city\_id) from address**

5) select the payments which are inbetween 2 and 5

**--- select \* from payment where amount between 2 and 5**

6) select the unique dates in which payments have been made

**--- select distinct(payment\_date) from payment where amount is not null**

7) select the distritcs that have the char 'a' in them

**--- select \* from address where district like '%a%'**

8) select the first rental\_date from the rental table

**--- select (rental\_date) from rental where rental\_id =1**

**--- select min(rental\_date) first\_rental\_date from rental where rental\_date between '2005-01-01' and '2005-12-31'**

9) select the highest amount paid from teh paymeny table

**--- select max(rental\_rate) maximum\_of\_Rantal from film;**

10) select the username and password of all the staff

**--- select username,password from staff**

11) Select the average duration for the movie released in 2006

**--- select avg(rental\_duration) average\_duration from film where release\_year = 2006;**

12) select the sum of amount paid by customer 341

**--- select sum(amount) sum\_of\_amount\_paid from payment where customer\_id = 341;**

13) print the name name of the actors who have acteed in film that are of rating 'G'

--- **select actor\_id, first\_name,last\_name from actor where actor\_id in**

**(select actor\_id from film\_actor where actor\_id in**

**(select film\_id from film where rating = 'G' group by film\_id order by 1)) group by actor\_id order by 1**

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1) Print all the Actor details

**---- SELECT \* from actor**

2) Print all teh staff details

**--- SELECT \* from staff**

3) Print the number of films acted by every actor

**---- select actor\_id,count(film\_id) count\_of\_film from film\_actor group by actor\_id order by actor\_id**

4) Print the city name for cities that have 'a nd e in their address

**---- select \* from city where city like '%a%' or city like '%e%'**

**----select \* from city where city like '%a%e%'**

5) Print the customer name of customer who have rented films that have the length >2

**--- select first\_name, last\_name from customer where customer\_id in**

**(select customer\_id from rental where inventory\_id in**

**(select inventory\_id from inventory where film\_id in**

**(select film\_id from film where length>2)))**

6) print the fil names of film that have length greater than teh average length of all the films

**--select title from film where length>(select avg(length)from film)**

7) Prin the fims ordered by the rating

**---1) select \* from film order by rating**

**---2) select \* from film order by rating desc**

8) print the average\_rental amount of every rating ordered by the rating

**---1) select rating, avg(rental\_rate) from film group by rating order by rating**

**---2) select rating, avg(rental\_rate) from film group by rating order by rating desc**

9) print the actor name of those actor who have acted in film that starts with 'The' in teh title

**--- select first\_name,last\_name from actor where actor\_id in**

**(select actor\_id from film\_actor where film\_id in**

**(select film\_id from film where title like 'The%'))**

10) Print the city name of those cities from which the customer who have rented movies that are rated 'G'

**--- select city from city where city\_id in**

**(select city\_id from address where address\_id in**

**(select address\_id from customer where customer\_id in**

**(select customer\_id from rental where inventory\_id in**

**(select inventory\_id from inventory where film\_id in**

**(select film\_id from film where rating ='G' )))) )**

11) Count the number of films in every category

**--- select category\_id , count(film\_id) from film\_category group by category\_id order by category\_id**

12)print the name and usernames of staff who have processed the payment of those customer who come from the same dristricts as the customer who have rented the movie acted by the actors who have 'J' in teh begining of their first name

**---select (first\_name,' ',last\_name),username from staff where staff\_id in**

**(select staff\_id from payment where customer\_id in**

**(select customer\_id from customer where address\_id in**

**(select address\_id from address where district in**

**(select district from address where address\_id in**

**(select address\_id from customer where customer\_id in**

**(select customer\_id from rental where inventory\_id in**

**(select inventory\_id from inventory where film\_id in**

**(select film\_id from film where film\_id in**

**(select film\_id from film\_actor where actor\_id in**

**(select actor\_id from actor where first\_name like 'J%'))))))))))**