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SELECT statement WHERE clause search condition

Arithmetic (-, + \* / %),

Comparison (<, >, ==, <> or ! =, <=, >=) and

Logical operator (and, or, not)

Range operator (between),

List operator (in),

Wild operator-> like operators (%, \_ )

**Operators**

use mavenmovies;

**-- Arithmatic operator -- + - \* / %**

select \* from payment;

select amount, amount \* amount as doubled\_amount from payment;

select amount from payment where amount = 2\*amount/2;

**-- comparsion operator - < > = <> <= >=**

select \* from film;

select \* from film where replacement\_cost >= 20;

select \* from film where rating <> 'PG'; – < > → refer as not equal

**-- logical operator -- and , or , not , in , between**

select \* from film where **not** rating != 'PG';

select \* from film where length **between** 80 and 100;

select \* from film where length **in** (80 , 90 , 100);

select \* from film where length=80 **or**  length=90 or length= 100;

**-- Retrieve the titles of films that have a rental rate greater than $4.00.**

**select title , rental\_rate from film where rental\_rate > 4;**

**-- List the customer names and emails of those who live in the address with the ID 300.**

**select first\_name , last\_name , email , address\_id from customer where address\_id = 300;**

**-- Find the films with a length between 120 and 150 minutes (inclusive). Display the title and length.**

**select title , length from film where length between 120 and 150;**

**-- wildcard operator - like - \_ % - text data**

**-- Retrieve the first and last names of customers whose last name contains with the letter 'S'** .

select first\_name , last\_name from customer where last\_name like "S%";

select first\_name , last\_name from customer where last\_name like "%S";

select first\_name , last\_name from customer where last\_name like "%S%";

select first\_name , last\_name from customer where last\_name like "S%S";

select first\_name , last\_name from customer where last\_name like "%es%";

**-- Retrieve the first and lastname of customer whose first name should end with e and start with a?**

select first\_name , last\_name from customer where first\_name like "a%e";

**-- Retrieve the first and lastname of customer whose first name where letter a is on second position?**

select first\_name , last\_name from customer where first\_name like "\_a%";

**-- Retrieve the first and lastname of customer whose first name have letter a is on second position and**

**-- e on 4th position?**

select first\_name , last\_name from customer where first\_name like "\_a\_e%";

**-- Retrieve the first and lastname of customer whose first name have letter a is on second position and last name have letter e on 4th position?**

select first\_name , last\_name from customer where first\_name like "\_a%" and last\_name like "\_\_\_e%";

select \* from address;

select concat(district, address) from address;