Day 8 : 24 Oct 2024 CB FSD - Planning and UI Design

Open the terminal

sudo mysql -u root -p

Simplilearn

show databases;

use shopping\_app

show tables;

Join : Join is use to retrieve more than one column from more than one table with condition ie PK and FK.

Inner join or equi join

It display only those records which present in both the table with link as PK and FK.

Select firsttablecolumnname,fisttablecolumnname…………, secondtblecolumnname,secondtablecolumnname from firsttablename inner join secondtablename on firsttablenamecolumn=secondtablecolumnname

**select emailid,typeofuser,accno,balance from user inner join accounts on emailid=userid;**

**left outer join** : it display common as well as left or first table remaining records.

**select emailid,typeofuser,accno,balance from user left outer join accounts on emailid=userid;**

**Right outer join :** it display common as well as right or second table remaining records.

**select emailid,typeofuser,accno,balance from user right outer join accounts on emailid=userid;**

if table contains common column name ie PK in one table and FK in another table then we need to use table alias

**select p.pid,p.pname,p.description,ot.qty from product p inner join orderitem ot on p.pid=ot.pid;**

here p is table alias for product and ot is table alias for orderitem table.

Msql functions

Function contains set of instruction to perform specific task.

Functional mainly divided into 2 types.

1. Pre defined or built in functions.
2. User defined functions

Pre defined functions

Divided into 2 types.

1. Single row function : this function functionality apply for each record independently.

upper()

lower()

length()

select pid, lower(pname),price,upper(description),length(description) from product;

select upper(‘akash’);

select length('AKASH') as numberOfChar;

select round(245.5678,2);

select now() it display current date and time

select curdate() it display current date

1. Multi row or aggregate function : this function functionality apply for more than one record base upon group.

count(), sum(), max(), min() and avg()

select count(pid) as total\_record from product;