**DDL ALTER**

-- selecting database

use students;

show tables;

-- creating employee table with name column

create table emplyee (name varchar(20) not null);

show tables;

desc emplyee;

-- adding age column (by deafult added at the end)

alter table emplyee add column age int not null;

desc emplyee;

-- adding id column (add at the begining)

alter table emplyee add column id int primary key first;

desc emplyee;

-- adding "doj" column between name and age

-- there is only "after" command in sql. there is no "before"

alter table emplyee add column doj date after name;

desc emplyee;

-- adding multipe column at a time

alter table emplyee add column (phone varchar(15), gender enum('m','f'));

desc emplyee;

-- changing column structure size,data type, or add constraint

-- we can modify one column at time

alter table emplyee modify column phone varchar(20);

desc emplyee;

alter table emplyee modify column phone int unique;

desc emplyee;

-- remianing column

alter table emplyee rename column phone to phone\_number;

desc emplyee;

-- remianing column

alter table emplyee rename to employee;

desc emplyee;

desc employee;

-- adding constraints - add uqiue constraint on name column

alter table employee add constraint unique\_name unique(name);

desc employee;

-- removing constraint

alter table employee drop constraint unique\_name;

desc employee;

-- adding constraints - add check constraint on age column

alter table employee add constraint check\_age check(age>18 and age<35);

desc employee;

-- removing constraint

alter table employee drop constraint check\_age;

desc employee;