Primary key and Foreign Key

🡪Create a primary key

Create table student

(

student\_ID int(10) not null AUTO\_INCREMENT,

student\_name varchar(100) not null,

student\_roll\_no int not null,

student\_DOB date,

primary key (student\_id)

)

Or

If primary key is not set in above expression we can use Alter command

Alter table student add primary key (student\_ID);

🡪Drop a primary Key

We cannot drop a primary key which is auto increment fields. We should remove auto increment property before dropping a primary key

ALTER TABLE student MODIFY student\_ID int(10) not null

ALTER TABLE student drop PRIMARY key

No need to specify the primary key because there is only one primary key present in a table

🡪Composite Primary Key

If more than one field combine and set as a Primary key then it is called Composite primary key

ALTER TABLE student add primary key (student\_ID, student\_name)

Which is composite primary key.

Now suppose we want to change our primary key. We need to drop the primary key field student\_name and set student\_ID as our primary key the MYSQL command is

ALTER TABLE student DROP PRIMARY KEY, ADD PRIMARY KEY (student\_ID);

🡪Drop Foreign Key

Show create table table name

In the option click on show full text.

You will get FK Constrain Name like

ProjectsInfo\_ibfk\_1

Now you need to remove these constraints. By alter table command

alter table table\_name drop foreign key ProjectsInfo\_ibfk\_1;

Then drop the table column,

alter table table\_name drop column clientId;