DDL Commands

1.Database Creation:-

show databases;

create database Pract_1;

use Pract_1;

2.Table Creation:-

create table student(studentid int primary key auto_increment, name varchar(100) not null, gender char(1) check (gender in ('m', 'f')), age int check (age between 18 and 30), department varchar(50) default 'computer', email varchar(100) unique);

insert into student (name, gender, age, department, email) values ('sakshi', 'm', 20, 'AIDS', 'sakshiavghade09@gamil.com');

select * from student;

3.Index Creation:-

create index idx_stud_name on student(name);

show index from student;

4. View Creation:-

create view studview as select studentid,name,department from student;

select * from studview;

5. Drop Cmd Use:-

drop view studview;

select * from studview;

6. Alter Cmd Use:-

alter table student modify age int not null;

7. Rename Cmd Use:-

rename table student to stud;

select * from stud;

8. Truncate Cmd Use:-

truncate table stud;

select * from stud;

DML Commands

1.Desc Cmd Use:-

desc stud;

2. Insert Cmd Use:-

insert into stud (name, gender, age, department, email) values('sakshi', 'f', 20, 'aids', 'sakshiavghade09@gmail.com');

insert into stud (name, gender, age, department, email) values('pragati', 'f', 20, 'aids', 'pragatibhingarkar@gmail.com');

insert into stud (name, gender, age, department, email) values('siddhi', 'f', 20, 'aids', 'siddhijadhav23@gmail.com');

insert into stud (name, gender, age, department, email) values('mahima', 'f', 20, 'aids', 'mahimareddy28@gmail.com');

3. Select Cmd Use:-

mysql> select * from stud;

4. Update Cmd Use:-

update stud set department = 'ds' where name = 'sakshi';

select * from stud;

5. Delete Cmd Use:-

delete from stud where name = 'mahima';

6. Operators Use(Comparison):-

select * from stud where department = 'aids';

select * from stud where age > 18;

7.Functions Use(Aggregate):-

select * from stud where name like 's%';

select * from stud where name like '%i';

select count(*) as totalstudent from stud;

8. Set Operators Use:-

select name from stud where department = 'aids' union select name from stud where department = 'ds';

9.Use Of Update Satement With Assignment Operator:-

update stud set department = 'co' where name = 'sakshi';

select * from stud;

10. Drop Cmd Use:-

drop table stud;

select * from stud;

ERROR 1146 (42S02): Table 'pract_1.stud' doesn't exist

show tables;

Empty set (0.00 sec)