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**SAVEETHA INSTITUTE OF MEDICAL AND TECHNICAL SCIENCES**

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**Information technology**

**CS016 - Database Management Systems** **Lab Manual**

# J.Madhu

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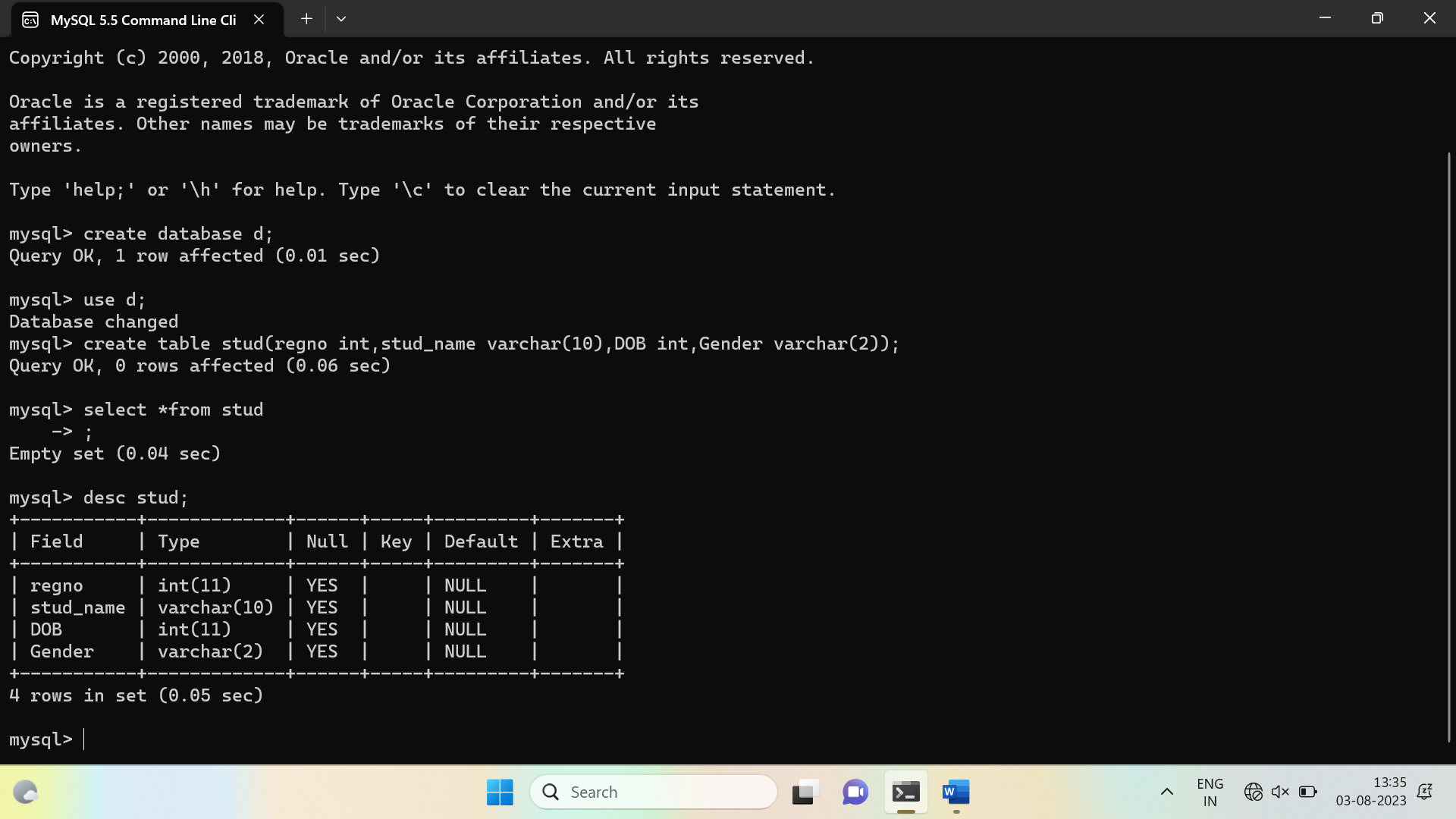
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**CREATING TABLE**

**SYNTAX:**

create table stud(regno int,stud\_name varchar(10),DOB int,Gender varchar(2));

desc stud;



**INSERTING VALUES**

**SYNTAX:**

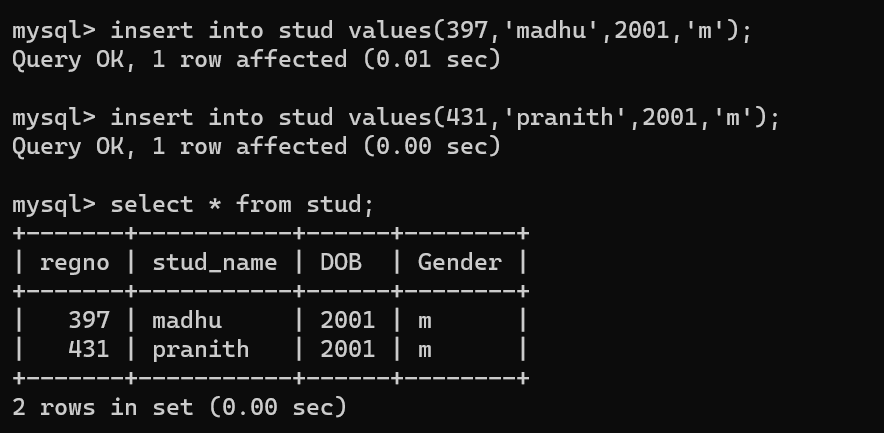
create table stud(regno int,stud\_name varchar(10),DOB int,Gender varchar(2));

insert into stud values(397,'madhu',2001,'m');

insert into stud values(431,'pranith',2001,'m');

select \* from stud;

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**ALTER TABLE**

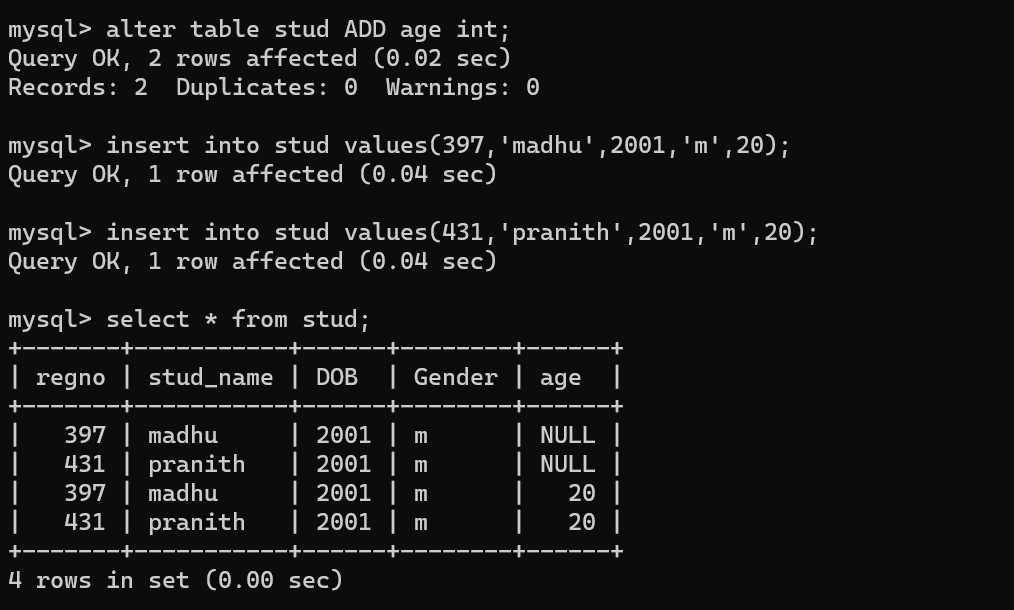
**SYNTAX:**

alter table stud ADD age int;

insert into stud values(397,'madhu',2001,'m',20);

insert into stud values(431,'pranith',2001,'m',20);

select \* from stud;

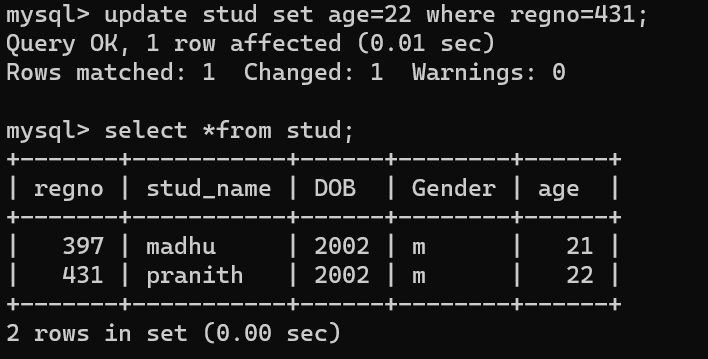
**I **

**UPDATING VALUES IN TABLE**

**SYNTAX:**

update stud set age=22 where regno=431;

select \*from stud;

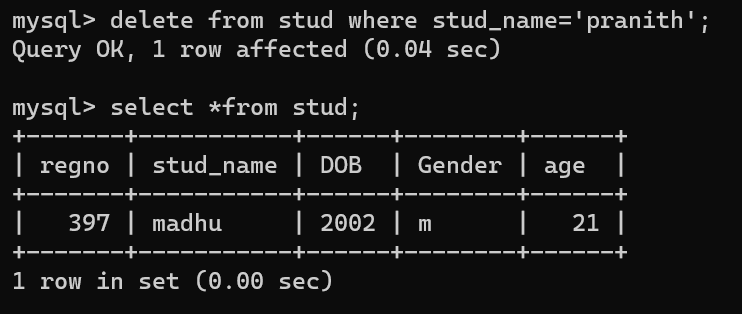


**DELETING VALUES IN TABLE**

**SYNTAX:**

delete from stud where stud\_name='pranith';

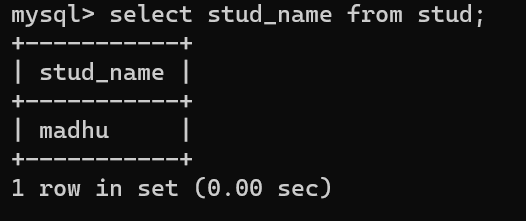
select \*from stud;



**SELECT**

**SYNTAX:**

select stud\_name from stud;

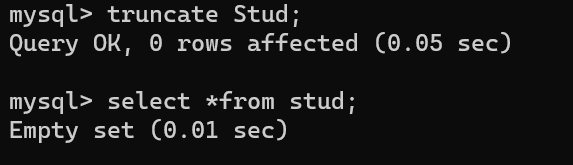


**TRUNCATE**

**SYNTAX:**

truncate Stud;

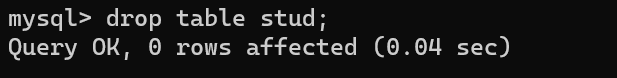
select \*from stud;



**DROP**

**SYNTAX:**

drop table stud;

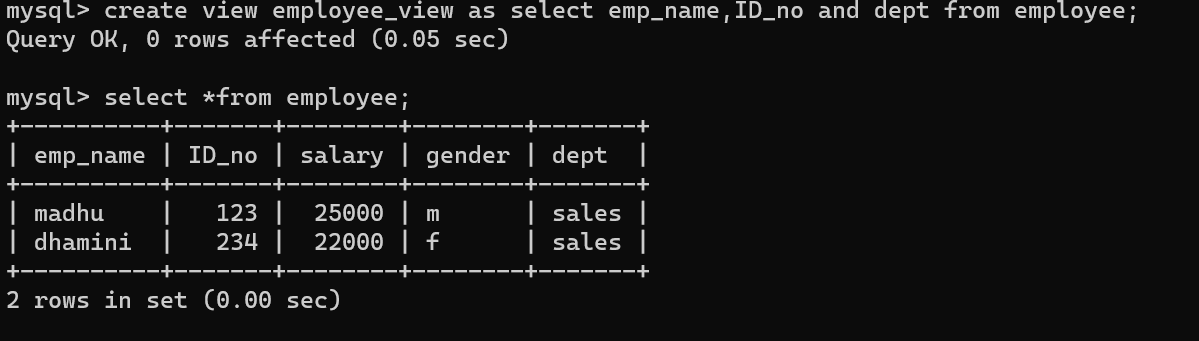


**VIEW TABLE**

**SYNTAX:**

create view employee\_view as select emp\_name,ID\_no and dept from employee;

select \*from employee;

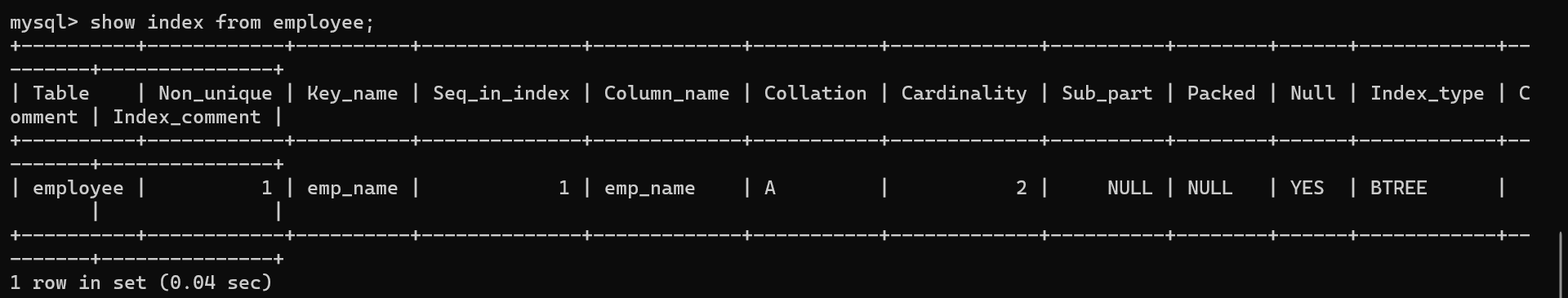


**INDEX,SEQUENCE**

**SYNTAX:**

create index emp\_name on employee(emp\_name);

show index from employee;



**SELECT WITH VARIOUS CLAUSE\_BETWEEN,IN,AGGREGATE FUNCTION**

**SYNTAX:**

create table student(student\_name varchar(10),course varchar(10),semester varchar(10),marks int,subject varchar(10));

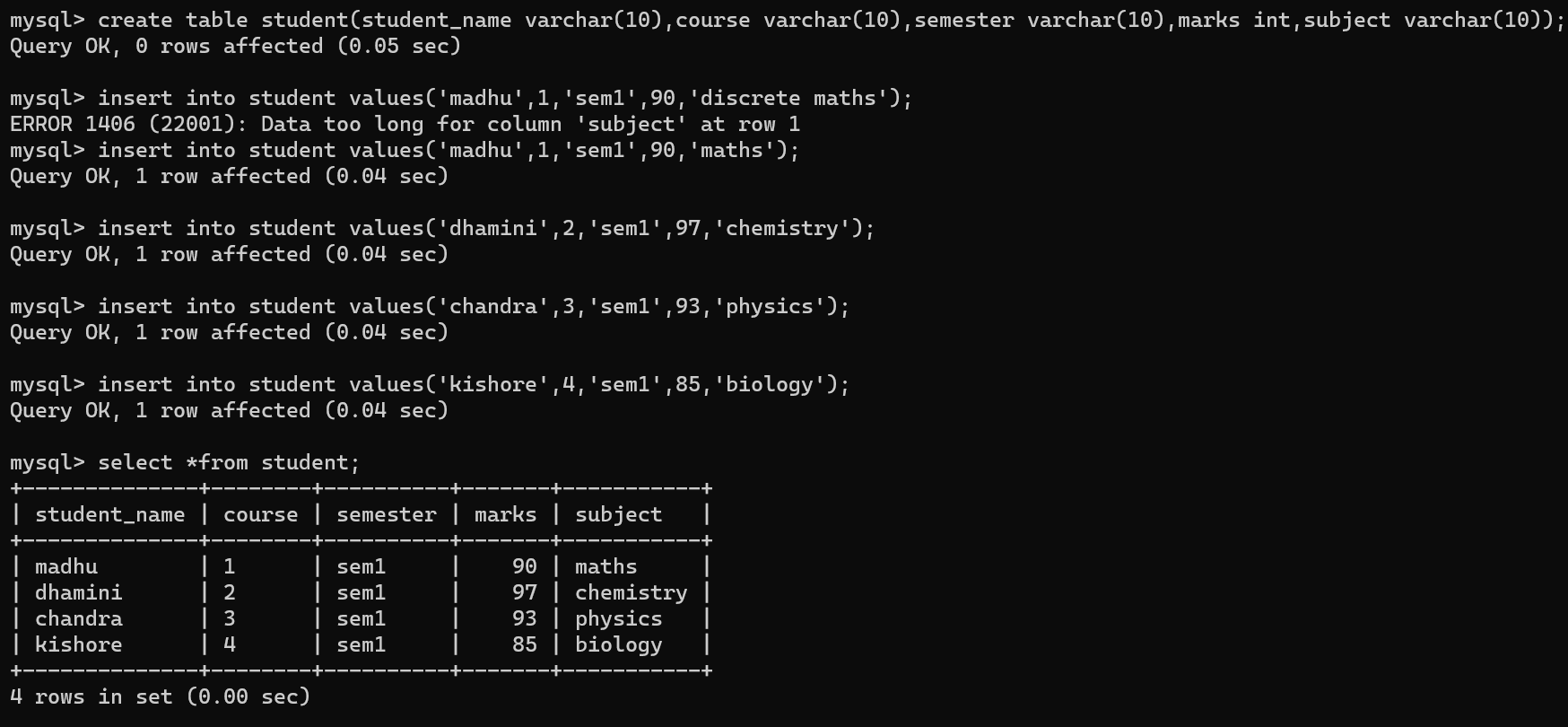
insert into student values('madhu',1,'sem1',90,'maths');

insert into student values('dhamini',2,'sem1',97,'chemistry');

insert into student values('chandra',3,'sem1',93,'physics');

insert into student values('kishore',4,'sem1',85,'biology');

select \*from student;



select min(marks)from student where course=1;

