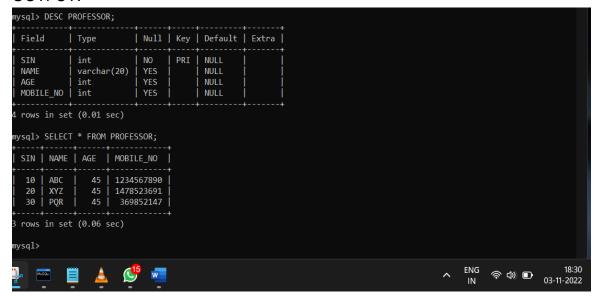
EXERCISE: 1 DBT.

O.1 PROFESSOR TABLE

QUERIES:

CREATE DATABASE UNIVERSITY;
CREATE TABLE PROFESSOR(
SIN INT PRIMARY KEY,
NAME VARCHAR (20),
AGE INT,
MOBILE_NO INT);

OUTPUT:



PRIMARY KEY: SIN

CANDIDATE KEY: SIN, MOBILE NO.

SUPER KEY:

SIN, MOBILE NO, {SIN, MOBILE NO}, {SIN, NAME}, {SIN, AGE} {MOBILE NO, NAME},

{MOBILE☐NO, AGE}

FOREIGN KEY BETWEEN PROFESSOR AND COURSE: SIN.

Q. COURSE TABLE

QUERIES:

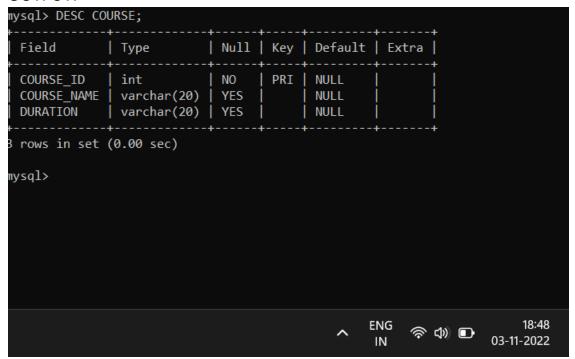
CREATE TABLE COURSE(

COURSE_ID INT PRIMARY KEY,

COURSE NAME VARCHAR (20),

DURATION VARCHAR (20));

OUTPUT:



PRIMARY KEY: COURSE_ID.
CANDIDATE KEY: COURSE_ID

SUPER KEY: COURSE_ID, {COURSE_ID, COURSE_NAME}, {COURSE_ID, DURATION}.