**TCL and DCL commands**

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Questions

1. Create a table student with fields name rollno and address.

CREATE TABLE students(

name VARCHAR(255) ,

rollno INT PRIMARY KEY,

address VARCHAR(255)

);

0 row(s) affected

1. Insert vales into table and display the details

INSERT INTO students VALUES

('MAK',1,'221B Baker Street'),

('Kevin',2,'79S Oxford Street'),

('Hendry',3,'90 Jake Street');

3 row(s) affected Records: 3 Duplicates: 0 Warnings: 0

SELECT \* FROM mak\_tcl\_dcl.students;

# name, rollno, address

MAK, 1, 221B Baker Street

Kevin, 2, 79S Oxford Street

Hendry, 3, 90 Jake Street

1. Rollback to a savepoint and display the details

START TRANSACTION;

SAVEPOINT checkpoint1;

INSERT INTO students VALUES('Jacob',4,'9877 Will Street');

SELECT \* FROM students;

# name, rollno, address

MAK, 1, 221B Baker Street

Kevin, 2, 79S Oxford Street

Hendry, 3, 90 Jake Street

Jacob, 4, 9877 Will Street

ROLLBACK TO checkpoint1;

SELECT \* FROM students;

# name, rollno, address

MAK, 1, 221B Baker Street

Kevin, 2, 79S Oxford Street

Hendry, 3, 90 Jake Street

1. Grant dba privilege to a user

CREATE USER 'test'@'localhost' IDENTIFIED BY 'password';

GRANT ALL PRIVILEGES ON \*.\* TO 'test'@'localhost' WITH GRANT OPTION;

0 row(s) affected

1. Grant select privilege on students

GRANT SELECT ON mak\_tcl\_dcl.students to 'test'@'localhost';

0 row(s) affected

1. Revoke select on students from privileged user

REVOKE SELECT ON mak\_tcl\_dcl.students FROM 'test'@'localhost';

0 row(s) affected