Program -1

Create a table called Employee & execute the following.

**Employee(EMPNO,ENAME,JOB, MANAGER\_NO, SAL, COMMISSION)**

1. Create a user and grant all permissions to the user.
2. Insert the any three records in the employee table contains attributes EMPNO,ENAME JOB, MANAGER\_NO, SAL, COMMISSION and use rollback. Check the result.
3. Add primary key constraint and not null constraint to the employee table.
4. Insert null values to the employee table and verify the result.

1.Create a user and grant all permissions to the user.

Connected to:

Oracle Database 10g Enterprise Edition Release 10.2.0.3.0 - Production

With the Partitioning, OLAP and Data Mining options

SQL> Connect sys as sysdba;

Enter password: \*\*\*\*\*\*

Connected.

SQL> create user bitise identified by bit123;

User created.

SQL> GRANT CONNECT, RESOURCE TO bitise;

Grant succeeded.

SQL> CREATE TABLE Employee (

2 EMPNO NUMBER(5),

3 ENAME VARCHAR2(50),

4 JOB VARCHAR2(50),

5 MANAGER\_NO NUMBER(5),

6 SAL NUMBER(10, 2),

7 COMMISSION NUMBER(10, 2)

8 );

Table created.

SQL> GRANT SELECT, INSERT, UPDATE, DELETE ON Employee TO bitise;

Grant succeeded.

SQL> GRANT CREATE TABLE, CREATE SEQUENCE TO bitise;

Grant succeeded.

SQL> grant all privileges to bitise identified by bit123;

Grant succeeded.

SQL> CREATE TABLE Employee (

2 EMPNO NUMBER(5),

3 ENAME VARCHAR2(50),

4 JOB VARCHAR2(50),

5 MANAGER\_NO NUMBER(5),

6 SAL NUMBER(10, 2),

7 COMMISSION NUMBER(10, 2)

8 );

SQL> commit;

Commit complete

SQL>Disconnect;

2. Insert the any three records in the employee table contains attributes EMPNO,ENAME JOB, MANAGER\_NO, SAL, COMMISSION and use rollback. Check the result.

INSERT INTO Employee (EMPNO, ENAME, JOB, MANAGER\_NO, SAL, COMMISSION)

VALUES (1, 'John Doe', 'Manager', NULL, 5000, 1000);

INSERT INTO Employee (EMPNO, ENAME, JOB, MANAGER\_NO, SAL, COMMISSION)

VALUES (2, 'Jane Smith', 'Developer', 1, 4000, NULL);

INSERT INTO Employee (EMPNO, ENAME, JOB, MANAGER\_NO, SAL, COMMISSION)

VALUES (3, 'Alice Johnson', 'Analyst', 1, 3500, 500);

-- Rollback the transaction

ROLLBACK;

SELECT \* FROM Employee;

SQL> no rows selected;

3. Add primary key constraint and not null constraint to the employee table.

ALTER TABLE Employee

ADD CONSTRAINT pk\_employee PRIMARY KEY (MANAGER\_NO);

ALTER TABLE Employee

MODIFY (ENAME VARCHAR2(50) NOT NULL,

JOB VARCHAR2(50) NOT NULL,

SAL NUMBER(10, 2) NOT NULL);

4.Insert null values to the employee table and verify the result.

INSERT INTO Employee24 (EMPNO, ENAME, JOB, MANAGER\_NO, SAL, COMMISSION)

VALUES (4, NULL, 'Tester', 1, NULL, NULL);

INSERT INTO Employee1 (EMPNO, ENAME, JOB, MANAGER\_NO, SAL, COMMISSION)

VALUES (5, 'Jack Smith', NULL, 1, NULL, NULL);