NAME : Lakshya Malik REG: RA2111028010163 SECTION:Q1

ASSIGNMENT_1

CREATE DATABASE ASSIGNMENT_1;

USE ASSIGNMENT_1;

```
create table DEPT(

    DEPTNO int,

    DNAME varchar(100),

    LOC varchar(100));


  create table EMP(

    EMPNO int,

    ENAME varchar(100),

    JOB char(100),

    MGR int,

    HIREDATE varchar(10),

    SAL INT,

    COMM INT,

    DEPTNO INT

    );
```

INSERT INTO DEPT VALUES (1,"Lakshya","Kota"),(2,"Vidhi","Kota"),(3,"XYz","HJb");

INSERT INTO EMP VALUES (1,"Lakshya","Senior Solutions Architect",20,"2025/5/25","2500000",NULL,26),(2,"Vidhi","HR Manager",9,"26/4/2025",1600000,6000000,35),(3,"Reet","Architect",65,"26/7/2025",2000000,NULL,25);

SELECT * FROM DEPT;

DEPTNO	DNAME	LOC
1	Lakshya	Kota
2	Vidhi	Kota
3	XYz	HJb

SELECT * FROM EMP;

```
23 •    SELECT * FROM EMP;
24
```

EMPNO	ENAME	JOB	MGR	HIREDATE	SAL	COMM	DEPTNO
1	Lakshya	Senior Solutions Architect	20	2025/5/25	2500000	NULL	26
2	Vidhi	HR Manager	9	26/4/2025	1600000	6000000	35
3	Reet	Architect	65	26/7/2025	2000000	NULL	25

DESC DEPT;

```
25 •    DESC DEPT;
26 •    DESC EMP;
```

Field	Type	Null	Key	Default	Extra
DEPTNO	int	YES		NULL	
DNAME	varchar(100)	YES		NULL	
LOC	varchar(100)	YES		NULL	

DESC EMP;

```
25 •    DESC DEPT;
26 •    DESC EMP;
27
```

Field	Type	Null	Key	Default	Extra
EMPNO	int	YES		NULL	
ENAME	varchar(100)	YES		NULL	
JOB	char(100)	YES		NULL	
MGR	int	YES		NULL	
HIREDATE	varchar(10)	YES		NULL	
SAL	int	YES		NULL	
COMM	int	YES		NULL	
DEPTNO	int	YES		NULL	

select distinct DNAME from assignment_1.DEPT;

```
27
28 •     select distinct DNAME from assignment_1.DEPT;
29
```

DNAME
Lakshya
Vidhi
XYz

ALTER TABLE DEPT

ADD COMNT char(25),

ADD MISCEL char(25);

DEPTNO	DNAME	LOC	COMNT	MISCEL
1	Lakshya	Kota	NULL	NULL
2	Vidhi	Kota	NULL	NULL
3	XYz	HJb	NULL	NULL

select * FROM DEPT;

ALTER TABLE DEPT

modify LOC varchar(115);

ALTER TABLE DEPT

DROP COMNT;

select * FROM DEPT;

ALTER TABLE DEPT

DROP MISCEL;

select * FROM DEPT;

ALTER TABLE DEPT

RENAME DEPT12;

-- TRUNCATED THE TABLE

TRUNCATE TABLE DEPT12;

DESC DEPT12; select * from DEPT12;

ALTER TABLE DEPT12 COMMENT = 'New table comment';

SHOW FULL COLUMNS from DEPT12;

DROP TABLE DEPT12;

SHOW TABLES;

	Tables_in_assignment_1
►	emp