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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",20000  
00,NULL,25);
```

```
SELECT * FROM DEPT;
```

Result Grid			
	DEPTNO	DNAME	LOC
▶	1	Lakshya	Kota
	2	Vidhi	Kota
	3	XYZ	Hjb



SELECT \* FROM EMP;

23 • `SELECT * FROM EMP;`


24


<

Result Grid

Filter Rows:

Export: 



Wrap Cell Content: 

	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;
```

<

Result Grid  Filter Rows:  Export:  Wrap Cell Contents

	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

<

Result Grid

Filter Rows:

Export

Wrap

	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;

The screenshot shows a SQL query editor with line numbers 27, 28, and 29. Line 28 contains the query: `select distinct DNAME from assignment_1.DEPT;`. Below the editor is a toolbar with 'Result Grid', 'Filter Rows', 'Export', and 'Wrap Cell Content' options. The 'Result Grid' is displayed as a table with the following data:

DNAME
Lakshya
Vidhi
XYZ

ALTER TABLE DEPT

ADD COMNT char(25),

ADD MISCEL char(25);

The screenshot shows a SQL query editor with a toolbar containing 'Result Grid', 'Filter Rows', and 'Export' options. The 'Result Grid' is displayed as a table with the following data:

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;

Result Grid					
		Filter Rows:		Export:	
	DEPTNO	DNAME	LOC	COMNT	MISCEL
▶	1	Lakshya	Kota	NULL	NULL
	2	Vidhi	Kota	NULL	NULL
	3	XYZ	HJb	NULL	NULL

ALTER TABLE DEPT

DROP MISCEL;

select \* FROM DEPT;

Result Grid			
		Filter Rows:	
	DEPTNO	DNAME	LOC
▶	1	Lakshya	Kota
	2	Vidhi	Kota
	3	XYZ	HJb

ALTER TABLE DEPT

RENAME DEPT12;

-- TRUNCATED THE TABLE

TRUNCATE TABLE DEPT12;

DESC DEPT12; select \* from DEPT12;

Result Grid						
		Filter Rows:		Export:		Wrap Cell
	Field	Type	Null	Key	Default	Extra
▶	DEPTNO	int	YES		NULL	
	DNAME	varchar(100)	YES		NULL	
	LOC	varchar(115)	YES		NULL	

ALTER TABLE DEPT12 COMMENT = 'New table comment';

SHOW FULL COLUMNS from DEPT12;

Result Grid									
		Filter Rows:		Export:		Wrap Cell Content: <a href="#">IA</a>			
	Field	Type	Collation	Null	Key	Default	Extra	Privileges	Comment
▶	DEPTNO	int	NULL	YES		NULL		select,insert,update,references	
	DNAME	varchar(100)	utf8mb4_0900_ai_ci	YES		NULL		select,insert,update,references	
	LOC	varchar(115)	utf8mb4_0900_ai_ci	YES		NULL		select,insert,update,references	

DROP TABLE DEPT12;

SHOW TABLES;

Result Grid



Filter Rows:

Tables\_in\_assignment\_1



emp