BASIC DDL - TABLE

1) Create a table employee with attributes

emp_no (PK), name, designation, dob.

Query

CREATE TABLE employee (

Emp_no INT PRIMARY KEY,

Name VARCHAR (20),

Designation VARCHAR(20),

DoB DATE);

field	TYPE	NULL	key	Default	Extra
emp_no	int	NO	PRI	NULL	
name	varchar(20)	YES		NULL	
designation	varchar(20)	YES		NULL	
dob	date	YES		NULL	

2) Describe the table

QUERY

DESC employee;

field	TYPE	NULL	key	Default	extra
empno	int	NO	PRI	NULL	
name	varchar(20)	YES		NULL	
designation	varchar(20)	YES		NULL	
dob	date	YES		NULL	
hiredate	date	NO		NULL	
address	varchar(50)	NO		NULL	

field	TYPE	NULL	key	Default	Extra
emp_no	int	NO		NULL	
name	varchar(20)	YES		NULL	
designation	varchar(20)	YES		NULL	
dob	date	YES		NULL	
hiredate	date	NO		NULL	

3) Add attributes hiredate, address

QUERY

ALTER TABLE employee

ADD hiredate DATE NOT NULL,

ADD address VARCHAR (50) not NULL;

DESC employee;

4) Drop column address

QUERY

ALTER TABLE employee DROP column address;

5) Create a backup table from employee

QUERY

CREATE TABLE employee_backup

(SELECT * FROM employee);

6) Rename backup table to emp_bkp

QUERY

RENAME TABLE employee_backup TO emp_bkp;

Tables_in_lab

employee

emp_bkp

Tables_in_lab

employee

7.) Drop backup table

QUERY
SHOW TABLES;
DROP TABLE emp_bkp;

SHOW TABLES;

RESULT
The queries were successfully executed.