DBMS PRACTICAL LAB DAY 2

(S.BARANI,192211152)

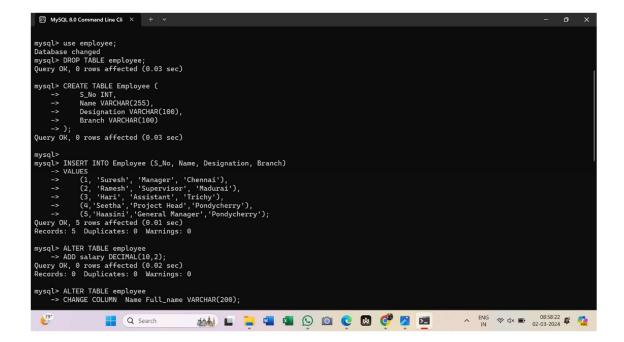
Q.NO.1

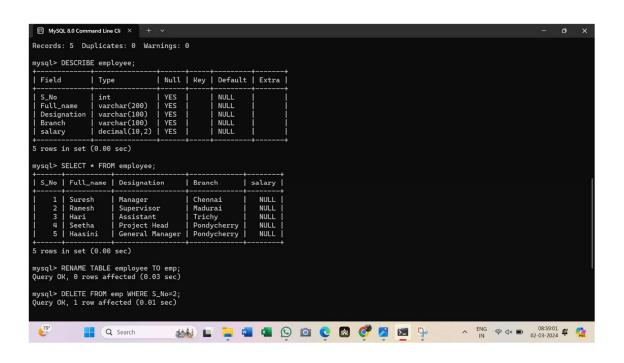
1.Create Employee table for the following details

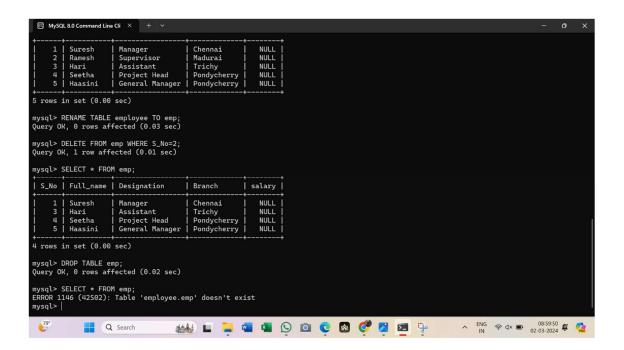
S.N	Name	Designatio	Branch
0		n	
1	Suresh	Manager	Chennai
2	Ramesh	Supervisor	Madurai
3	Hari	Assistant	Trichy

Perform the following:

- Alter the table by adding a column Salary
- Alter the table by modifying the column Name
- Describe the table employee
- Rename table employee as emp
- Delete the Second row from the table
- Drop the table







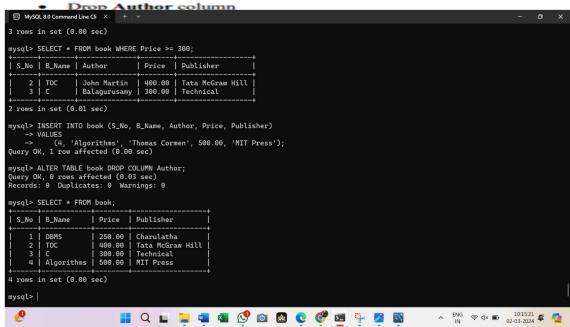
Q.NO.2

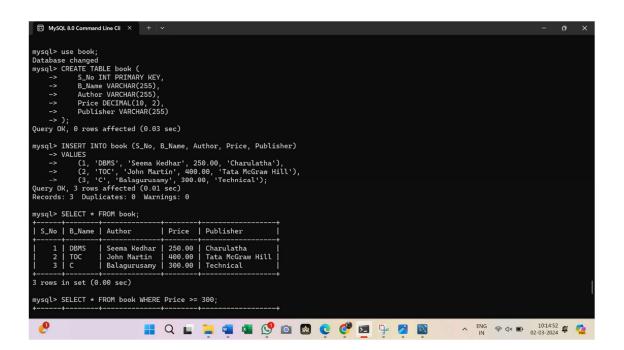
2.Create a Table as book and the details are

S. No	B_Na me	Author	Price	Publisher
1	DBM S	Seema Kedhar	250	Charulath a
2	TOC	John Martin	400	Tata McGraw Hill
3	С	Balagurus	300	Technical

Perform the following:

- Use Select keyword and display the table
- Display the book which is => 300
- Insert a row and add new book to the book table





Q.NO.3

Write the DDL Commands for the following, Create a table name STUDENT with following structure.

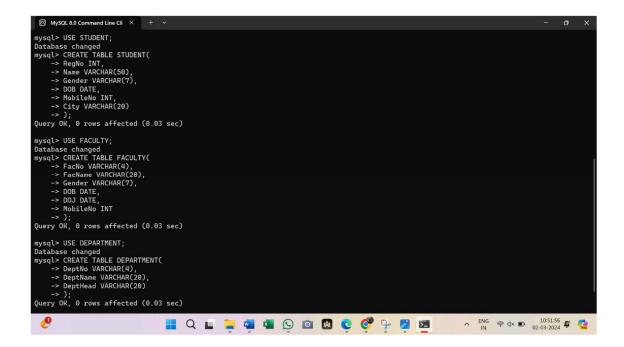
Column	Description	Data Type
	Registration	
IRegNo	Number	NUMBER(3)
2Name	Student Name	VARCHAR(15)
	Gender of the	
3Gender	student	CHAR(I)
4DOB	Date of Birth	DATE
MobileNo	Mobile Number	NUMBER(10)
car in	Location of star	WARCHARITE

Create a table name FACULTY with following structure.

Cotumn	Description	Data Type
I Property	Proceedby Inherstifier	VARCHAR(4)
2 acName	Faculty Name	VARCHAR(15)
Misender	Gender of faculty	CHAR(I)
4DOB	Date of Birth	DATE
SIDO	Date of Join	DATE
o Adobite No	Module Number	NUMBERGIO

Create a table name DEPARTMENT with following structure.

Column	Description	Data Type
I DeptNo	Department Identifier	VARCHAR(4)
2DeptName	Department Name	VARCHAR(15)
3DeptHead	Department Head	VARCHAR(4)



Q.NO.4

 Write the DDL Commands with Constraints for the following,

Alter the table STUDENT with following structure.

**	Column Name	Constraints
		PRIMARY
	RegNo	KEY
- 2	MobileNo	NOT NULL

Alter the table name FACULTY with following structure. The DeptNo in this table refers the DeptNo in the DEPARTMENT table.

w Name		Constraint	
1	FosNo	PRIMARY	
_	Complex	CHECK Mar 9	

After the FACULTY table is successfully created, test if you can add a constraint FOREIGN KEY to the DeptNo of this table.

mysql> USE STUDENT
Database changed
mysql> ALTER TABLE STUDENT
-> MODIFY RegNo INT PRIMARY KEY,
-> MODIFY MobileNo VARCHAR(20) NOT NULL;
Query OK, 0 rows affected (0.06 sec)
Records: 0 Duplicates: 0 Warnings: 0

```
mysql> USE FACULTY;
Database changed
mysql> ALTER TABLE FACULTY
-> MODIFY FacNo INT PRIMARY KEY,
-> MODIFY Gender ENUM('M', 'F') NOT NULL,
-> ADD CONSTRAINT chk_gender CHECK (Gender IN ('M', 'F'));
Query OK, 0 rows affected (0.06 sec)
Records: 0 Duplicates: 0 Warnings: 0
```

Q.NO.5

Draw the ER diagram and its related SQL queries for the case scenario to implementation for HRM database

