## **Assignment 2**

1. Create a table employee with attributes emp\_id, f\_name, l\_name, job\_type, salary, dept, commission, manager\_id. CREATE DATABASE ASSIGNMENT2; USE ASSIGNMENT2;

CREATE TABLE EMPLOYEE (
emp\_id int primary key,
f\_name varchar(20),
l\_name varchar(20),
job\_type varchar(20),
salary int,
dept varchar(10),
commission double,
manager id int);

Make emp\_id as the primary key of employee table.

ALTER TABLE EMPLOYEE

ADD PRIMARY KEY emp id;

3. Make f\_name and salary NOT NULL type.

ALTER TABLE EMPLOYEE

MODIFY f name varchar(20) NOT NULL,

MODIFY salary int NOT NULL;

4. Add a column date\_of\_joining in the employee table.

ALTER TABLE EMPLOYEE

ADD doj DATE;

	Field	Туре	Null	Key	Default	Extra
•	emp_id	int	NO	PRI	NULL	
	f_name	varchar(20)	NO		NULL	
	I_name	varchar(20)	YES		NULL	
	job_type	varchar(20)	YES		NULL	
	salary	int	NO		NULL	
	dept	varchar(10)	YES		NULL	
	commission	double	YES		NULL	
	manager_id	int	YES		NULL	
	doj	date	YES		NULL	

5. Create a table department with attribute d\_name, d\_loc and HOD\_id where d\_name is primary key.

**CREATE TABLE department(** 

- d name varchar(20) primary key,
- d loc varchar(20),

HOD\_ID int);

6. Create a table location with attributes loc id, city and contact no.

**CREATE TABLE location(** 

loc\_id int,

city varchar(20),

contact\_no int);

7. Enhance the size of the 'city' attribute by 5, in the location table.

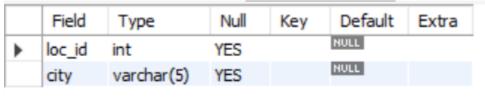
ALTER TABLE location

MODIFY city varchar(5);

8. Delete the contact\_no attribute from the location table.

ALTER TABLE location

Drop contact\_no;



9. Make the department attribute of the employee table its foreign key referencing the department table.

Alter table EMPLOYEE

ADD foreign key (dept) references department(d name);

10. Rename the city attribute to 'address' in the location table.

**ALTER TABLE location** 

RENAME column city to address;