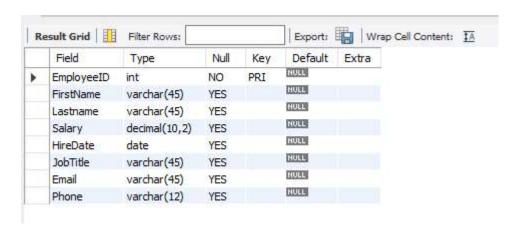
Q-1: Statement to create the Contact table

```
    create table Contact(
        ContactID int primary key,
        CompanyID int,
        FirstName varchar(45),
        Lastname varchar(45),
        Street varchar(45),
        City varchar(45),
        State varchar(45),
        zip varchar(10),
        IsMain boolean,
        Email varchar(45),
        Phone varchar(12)
);
```

	Field	Type	Null	Key	Default	Extra	
•	ContactID	int	NO	PRI	HULL		
	CompanyID	int	YES		HULL		
	FirstName	varchar(45)	YES		NULL		
	Lastname	varchar(45)	YES		NULL		
	Street	varchar(45)	YES		HULL		
	City	varchar(45)	YES		HULL		
	State	varchar(45)	YES		HULL		
	zip	varchar(10)	YES		NULL		
	IsMain	tinyint(1)	YES		HULL		
	Email	varchar(45)	YES		NULL		
	Phone	varchar(12)	YES		NULL		

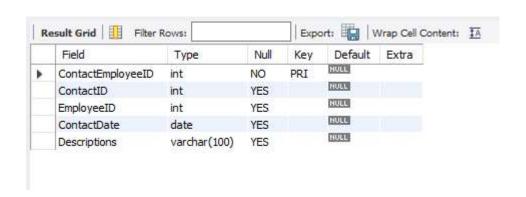
Q-2 Statement to create the Employee table

create table Employee(
 EmployeeID int primary key,
 FirstName varchar(45),
 Lastname varchar(45),
 Salary decimal(10,2),
 HireDate date,
 JobTitle varchar(45),
 Email varchar(45),
 Phone varchar(12)
);



Q-3 Statement to create the ContactEmployee table

create table ContactEmployee(
 ContactEmployeeID int primary key,
 ContactID int,
 EmployeeID int,
 ContactDate Date,
 Descriptions varchar(100)
);



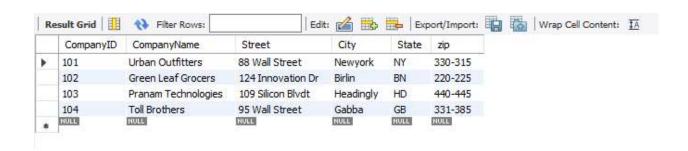
Q -4 In the Employee table, the statement that changes Lesley Bland's phone number to 215-555-8800

update Employee
 set phone = "215-555-8800"
 where FirstName = "Lesly" and Lastname = "Bland";

	EmployeeID	FirstName	Lastname	Salary	HireDate	JobTitle	Email	Phone
•	1	Lesly	Bland	50000.00	2022-02-20	HR	lesly@emp.com	215-555-8800
	2	Alice	Johnson	80000.00	2024-04-10	Finance	alice@emp.com	213-222-1111
	3	Bob	Smith	90000.00	2023-03-10	П	bob@emp.com	205-111-6611
	4	Joe	Root	40000.00	2023-01-10	HR	joe@emp.com	206-222-7777
	5	Ben	Stokes	70000.00	2024-03-20	IT	ben@emp.com	208-102-1001
	6	Diana	Corner	85000.00	2020-02-10	IT	diana@emp.com	211-511-8111
	HULL	NULL	NULL	HULL	HULL	NULL	NULL	HULL

Q-5 In the Company table, the statement that changes the name of "Urban Outfitters, Inc." to "Urban Outfitters".

update Company
 set CompanyName = "Urban Outfitters"
 where CompanyName = "Urban Outfitter's,Inc";



Q-6 In ContactEmployee table, the statement that removes Dianne Connor's contact event with Jack Lee (one statement).

```
    with Emp_name as(
        select
        c.contactEmployeeId,c.ContactId,e.firstname,e.lastname
        from employee e
        join contactemployee c
        on e.employeeid = c.employeeid
        where Firstname = "Diana" and lastname = "Corner"
        )
        delete et
        from contact et
        join Emp_name en
        on et.contactid = en.contactid
        where en.firstname = "Diana" and et.firstname = "Jack";
```

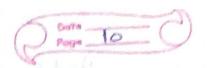
	ContactID	CompanyID	FirstName	Lastname	Street	City	State	zip	IsMain	Email	Phone
	CONTACTED	CompanyID	rusuvame	Lastialle	Jueer	City	State	ZIP	TPINGILI	Cilial	rione
•	112	102	Aric	Johnson	124 Innovation Dr	Birlin	BN	220-225	1	aric@contact.com	314-303-7766
	113	103	Bruce	Lee	109 Silicon Blvdt	Headingly	HD	440-445	1	bruce@contact.com	315-304-667
	114	104	Mitch	Marsh	95 Wall Street	Gabba	GB	331-385	1	mitch@contact.com	314-310-7766
	115	104	Trent	Boult	95 Wall Street	Gabba	GB	331-385	1	trent@contact.com	315-311-6677
	NULL	NULL	NULL	HULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL

Q - 7 Write the SQL SELECT query that displays the names of the employees that have contacted Toll Brothers (one statement).

select e.Firstname
 from Company co
 join contact cn
 on co.companyId = cn.companyid
 join contactemployee ce
 on cn.contactid = ce.contactid
 join employee e
 on ce.employeeid = e.employeeid
 where co.companyname = "Toll Brothers";



	Module: 4 Working with Dutouse Using sei
	and a working with Detrouse Dany see
0-8	What is the significance of "of." and
1	(0/0) - Parcont Son:
Contract of the Contract of th	Represent 7000, one or many characters.
	Con humber of Characters (including none).
<i>-></i>	("_")-Undersone
-	Represents a single character only Uso it When you Want to match objectly
	one character in position
0-9	Explan normalization in the contest of
Control of the Control	Quantus is:
South	Normalization is the forcess of organizate date to reduce 6 reduced oncy Complicate due and improve date integrity. It makes
	Structuring or database in such as
	entired by amaing this
	30b System 3



What does a join in Mysed moun? In Mysel, a Jon is used to arms no mus from the of more tubles ance bused on a related Column between from . It's a cary to fetch duty that is logically connected but stoored in different tubles. What do you undastrant about Q-11 DDL, DCL and DML in Mysqla 7 DD2: Date Dobnin Lunguage Sola - DDL communds are used to define and mulity me stoucture of destuture obsects her prolips, schomer, indodes of. - Ed. Corate, Alter, Doop 21 DML 3- Data Minipulation Language: - DML commands are used to manifulate The date should in tubles. The operation am be sollaborer it with a prinsuebel - Ex. Solect, Front, Opdate, Deletin



	31. DCl: - Data antol language.
	- DCL commands are used to antrol access the duty and dutybuse System. - Ex. Coryet, Revoke.
=	What is the note of the Mysel JOIN Cluuse ma guery, and what are some common yes of joins?
-	Rule of the join clause in a Quins:- Combine related duty from different kibles. Mlows you to fillow relationship Itelps to maintain normalized destribute design content fronting grong approhity Reduce duty redundancy while still compline complex duty retrievel.
	Common Types of JOIN'S in Mysel:- 1 INNER JOIN 21 LEFT JOHN 31 Right John 51 Choss John