

Natalie Lamborn

MIS2502: SQL Assignment #2

Create the rest of the contact management database by writing the statements that do each of the following items below. For each one: **(1) execute them on your copy of the database, and (2) write the statements in the space:**

1) Statement to create the Contact table (one statement):

```
CREATE TABLE m196ws.Contact (  
ContactID INT(10) NOT NULL,  
CompanyID INT(10) NOT NULL,  
FirstName VARCHAR(45) NULL,  
LastName VARCHAR(45) NULL,  
Street VARCHAR(45) NULL,  
City VARCHAR(45) NULL,  
State VARCHAR(2) NULL,  
Zip VARCHAR(10) NULL,  
IsMain BOOLEAN,  
Email VARCHAR(45) NULL,  
Phone VARCHAR(12) NULL,  
PRIMARY KEY (ContactID) );
```

2) Statement to create the Employee table (one statement):

```
CREATE TABLE m196ws.Employee (  
EmployeeID INT(10) NOT NULL,  
FirstName VARCHAR(45) NULL,  
LastName VARCHAR(45) NULL,  
Phone VARCHAR(12) NULL,  
Email VARCHAR(45) NULL,  
Salary DECIMAL(8,2) NULL,  
PRIMARY KEY (EmployeeID) );
```

```
CREATE TABLE m196ws.`Contact-Employee` (
ContactEmployeeID INT(10) NOT NULL,
ContactID INT(10) NOT NULL,
EmployeeID INT(10) NOT NULL,
ContactDate DATE NULL,
Description VARCHAR(100) NULL,
PRIMARY KEY (ContactEmployeeID) );
```

CompanyID	CompanyName	Street	City	State	Zip
110	Wegmans Food Markets	1500 Brooks Ave.	Rochester	NY	14624
111	Acme	75 Valley Stream Parkway	Malvern	PA	19355

```
INSERT INTO m196ws.Company
(CompanyID, CompanyName, Street, City, State, Zip)
VALUES (111, 'Acme', '75 Valley Stream Parkway', 'Malvern', 'PA', '19355');
```

ContactID	CompanyID	FirstName	LastName	Street	City	State	Zip	IsMain	Email	Phone
501	110	Donald	Benson	4777 Cameron Rd.	Buffalo	NY	14209	Yes	dbenson@wegmans.com	716-555-5454
502	111	Bonnie	Johnson	3600 Elk City Rd.	Ridley Park	PA	19078	Yes	bonniej@acme.com	610-555-1234
503	102	Cynthia	Lewis	773 Rose St.	Wood Dale	IL	60191	No	clewis@wegmans.com	708-555-4321

[illegible]

```
INSERT INTO m196ws.Contact
(ContactID, CompanyID, FirstName, LastName, Street, City, State, Zip, IsMain, Email, Phone)
VALUES (501, 110, 'Donald', 'Benson', '4777 Cameron Rd.', 'Buffalo', 'NY', '14209',
1, 'dbenson@wegmans.com', '716-555-5454')
```

```
INSERT INTO m196ws.Contact
(ContactID, CompanyID, FirstName, LastName, Street, City, State, Zip, IsMain, Email, Phone)
VALUES (502, 111, 'Bonnie', 'Johnson', '3600 Elk Rd.', 'Ridley Park', 'PA', '19078', '1',
'bonniej@acme.com', '610-555-1234');
```






```
INSERT INTO m196ws.Contact
(ContactID, CompanyID, FirstName, LastName, Street, City, State, Zip, IsMain, Email, Phone)
VALUES (503, 102, 'Cynthia', 'Lewis', '773 Rose St.', 'Wood Dale', 'IL', '60191', '0',
'clewis@wegmans.com', '708-555-4321');
```

6.

```
INSERT INTO m196ws.Employee
(EmployeeID, FirstName, LastName, Phone, Email, Salary)
VALUES (1001, 'Lesley', 'Bland', '215-555-5678', 'lbland@marketco.com', '45000');
```

```
INSERT INTO m196ws.Employee
(EmployeeID, FirstName, LastName, Phone, Email, Salary)
VALUES (1002, 'Dianne', 'Witham', '215-555-5679', 'dwitham@marketco.com', '55000');
```

```
INSERT INTO m196ws.Employee
(EmployeeID, FirstName, LastName, Phone, Email, Salary)
VALUES (1003, 'Jerry', 'Walters', '215-555-5680', 'jwalters@marketco.com', '35000');
```

Result Grid						
Filter Rows: <input type="text"/>						
Edit:   						
Export/Import:  						
	EmployeeID	FirstName	LastName	Phone	Email	Salary
▶	1001	Lesley	Bland	215-555-8800	<a href="mailto:lbland@marketco.com">lbland@marketco.com</a>	45000.00
	1002	Dianne	Witham	215-555-5679	<a href="mailto:dwitham@marketco.com">dwitham@marketco.com</a>	55000.00
	1003	Jerry	Walters	215-555-5680	<a href="mailto:jwalters@marketco.com">jwalters@marketco.com</a>	35000.00

7) INSERT INTO m196ws.`Contact-Employee`  
(ContactEmployeeID, ContactID, EmployeeID, ContactDate, Description)

VALUES (9999, 501, 1001, '2014-02-12', 'Phone call to discuss marketing plan')

INSERT INTO m196ws.`Contact-Employee`

(ContactEmployeeID, ContactID, EmployeeID, ContactDate, Description)

VALUES (8888, 502, 1001, '2014-02-15', 'Emailed new marketing plan for approval');

INSERT INTO m196ws.`Contact-Employee`

(ContactEmployeeID, ContactID, EmployeeID, ContactDate, Description)

VALUES (7777, 503, 1002, '2014-02-21', 'Check-up call to see if they have additional marketing needs. Waiting for reply.');

INSERT INTO m196ws.`Contact-Employee`

(ContactEmployeeID, ContactID, EmployeeID, ContactDate, Description)

VALUES (6666, 501, 1003, '2014-02-21', 'Phone call to discuss pricing for advertising');

INSERT INTO m196ws.`Contact-Employee` **[NO COMMA]**

(ContactEmployeeID, CContactID, EmployeeID, ContactDate, Description)

	ContactEmployeeID	ContactID	EmployeeID	ContactDate	Description
	6666	501	1003	2014-02-21	Phone call to discuss pricing for advertising
	7777	503	1002	2014-02-21	Check-up call to see if they have additional mar...
	8888	502	1001	2014-02-15	Emailed new marketing plan for approval
	9999	501	1001	2014-02-12	Phone call to discuss marketing plan

8) UPDATE m196ws.Employee

SET Phone='215-555-8800'

WHERE EmployeeID=1001;







9) UPDATE m196ws.Company

SET CompanyName='Acme Markets'

WHERE CompanyID=111;

10) DELETE FROM m196ws.`Contact-Employee`





WHERE ContactEmployeeID=7777

Result Grid					
Filter Rows:		Edit:    Export/Import:   Wrap Cell Content: 			
	ContactEmployeeID	ContactID	EmployeeID	ContactDate	Description
▶	6666	501	1003	2014-02-21	Phone call to discuss pricing for adverti...
	8888	502	1001	2014-02-15	Emailed new marketing plan for approval
	9999	501	1001	2014-02-12	Phone call to discuss marketing plan

11) SELECT DISTINCT Employee.FirstName, Employee.LastName

FROM m196ws.Company, m196ws.Contact, m196ws.Employee, m196ws.`Contact-Employee`

WHERE CompanyName='Wegmans Food Markets' AND  
Company.CompanyID=Contact.CompanyID AND  
Contact.ContactID='Contact-Employee'.ContactID AND  
'Contact-Employee'.EmployeeID=Employee.EmployeeID;

Result Grid			Filter Rows: <input type="text"/>	Export: 	Wrap Cell Content: 
	FirstName	LastName			
▶	Jerry	Walthers			
	Lesley	Bland			