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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) );

3) Statement to create the Contact-Employee table (one statement): HINT: Use DATE as the datatype for ContactDate. It allows you to store the date in this format: YYYY-MM-DD (i.e., '2014-03-12' for March 12, 2014). Make sure you surround your date values with single quotes. ANOTHER HINT: Try putting single "back quotes" around Contact-Employee when you name the table.

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) );

4) Statements that add the following two Companies to the Company table (there are two statements):

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 (110, 'Wegmans Food Markets', '1500 Brooks Ave.', 'Rochester', 'NY', '14624');

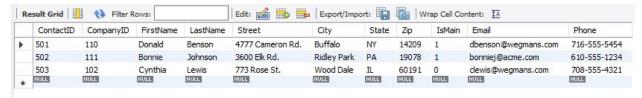
INSERT INTO m196ws.Company

(CompanyID, CompanyName, Street, City, State, Zip)

VALUES (111, 'Acme', '75 Valley Stream Parkway', 'Malvern', 'PA', '19355');

5) Statements that add the following three Contacts to the Contact table (there are three statements):

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



## 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', 'bonniei@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');

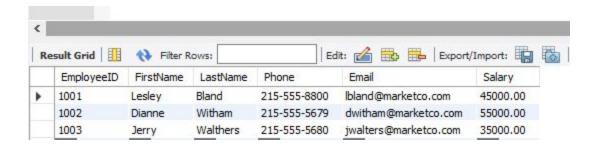
# INSERT INTO m196ws.Employee

(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', 'Walthers', '215-555-5680', 'iwalters@marketco.com', '35000');



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

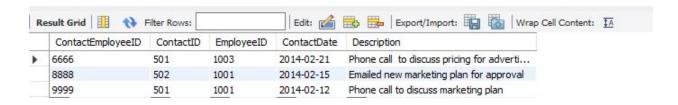
INSERT INTO m196ws. `Contact-Employee` (ContactEmployeeID, ContactDate, Description) VALUES (7777, 503, 1002, '2014-02-21', 'Check-up call to see if they have additional marketing needs. Waiting for reply.');

INSERT INTO m196ws. 'Contact-Employee' (ContactEmployeeID, ContactDate, Description) VALUES (6666, 501, 1003, '2014-02-21', 'Phone call to discuss pricing for advertising');

INSERT INTO m196ws. `Contact-Employee` [NO COMMA] (ContactEmployeeID, COntactID, 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



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;

