Create Tables and insert Data

--- REMEMBER that you cannot reference a table until it exists.

CREATE TABLE Customer\_T

(CustomerID NUMBER(11,0) NOT NULL,

CustomerName VARCHAR2(25) NOT NULL,

CustomerAddress VARCHAR2(30) ,

CustomerCity VARCHAR2(20) ,

CustomerState CHAR(2) ,

CustomerPostalCode VARCHAR2(10) ,

CONSTRAINT Customer\_PK PRIMARY KEY (CustomerID));

CREATE TABLE Territory\_T

(TerritoryID NUMBER(11,0) NOT NULL,

TerritoryName VARCHAR2(50) ,

CONSTRAINT Territory\_PK PRIMARY KEY (TerritoryID));

CREATE TABLE DoesBusinessIn\_T

(CustomerID NUMBER(11,0) NOT NULL,

TerritoryID NUMBER(11,0) NOT NULL,

CONSTRAINT DoesBusinessIn\_PK PRIMARY KEY (CustomerID, TerritoryID),

CONSTRAINT DoesBusinessIn\_FK1 FOREIGN KEY (CustomerID) REFERENCES Customer\_T(CustomerID),

CONSTRAINT DoesBusinessIn\_FK2 FOREIGN KEY (TerritoryID) REFERENCES Territory\_T(TerritoryID));

CREATE TABLE Employee\_T

(EmployeeID VARCHAR2(10) NOT NULL,

EmployeeName VARCHAR2(25) ,

EmployeeAddress VARCHAR2(30) ,

EmployeeBirthDate DATE ,

EmployeeCity VARCHAR2(20) ,

EmployeeState CHAR(2) ,

EmployeeZipCode VARCHAR2(10) ,

EmployeeDateHired DATE ,

EmployeeSupervisor VARCHAR2(10) ,

CONSTRAINT Employee\_PK PRIMARY KEY (EmployeeID));

CREATE TABLE Skill\_T

(SkillID VARCHAR2(12) NOT NULL,

SkillDescription VARCHAR2(30) ,

CONSTRAINT Skill\_PK PRIMARY KEY (SkillID));

CREATE TABLE EmployeeSkills\_T

(EmployeeID VARCHAR2(10) NOT NULL,

SkillID VARCHAR2(12) NOT NULL,

CONSTRAINT EmployeeSkills\_PK PRIMARY KEY (EmployeeID, SkillID),

CONSTRAINT EmployeeSkills\_FK1 FOREIGN KEY (EmployeeID) REFERENCES Employee\_T(EmployeeID),

CONSTRAINT EmployeeSkills\_FK2 FOREIGN KEY (SkillID) REFERENCES Skill\_T(SkillID));

CREATE TABLE Order\_T

(OrderID NUMBER(11,0) NOT NULL,

CustomerID NUMBER(11,0) ,

OrderDate DATE DEFAULT SYSDATE ,

CONSTRAINT Order\_PK PRIMARY KEY (OrderID),

CONSTRAINT Order\_FK1 FOREIGN KEY (CustomerID) REFERENCES Customer\_T(CustomerID));

CREATE TABLE WorkCenter\_T

(WorkCenterID VARCHAR2(12) NOT NULL,

WorkCenterLocation VARCHAR2(30) ,

CONSTRAINT WorkCenter\_PK PRIMARY KEY (WorkCenterID));

CREATE TABLE ProductLine\_T

(ProductLineID NUMBER(11,0) NOT NULL,

ProductLineName VARCHAR2(50) ,

CONSTRAINT ProductLine\_PK PRIMARY KEY (ProductLineID));

CREATE TABLE Product\_T

(ProductID NUMBER(11,0) NOT NULL,

ProductLineID NUMBER(11,0) ,

ProductDescription VARCHAR2(50) ,

ProductFinish VARCHAR2(20) ,

ProductStandardPrice DECIMAL(6,2) ,

CONSTRAINT Product\_PK PRIMARY KEY (ProductID),

CONSTRAINT Product\_FK1 FOREIGN KEY (ProductLineID) REFERENCES ProductLine\_T(ProductLineID));

CREATE TABLE ProducedIn\_T

(ProductID NUMBER(11,0) NOT NULL,

WorkCenterID VARCHAR2(12) NOT NULL,

CONSTRAINT ProducedIn\_PK PRIMARY KEY (ProductID, WorkCenterID),

CONSTRAINT ProducedIn\_FK1 FOREIGN KEY (ProductID) REFERENCES Product\_T(ProductID),

CONSTRAINT ProducedIn\_FK2 FOREIGN KEY (WorkCenterID) REFERENCES WorkCenter\_T(WorkCenterID));

CREATE TABLE OrderLine\_T

(OrderID NUMBER(11,0) NOT NULL,

ProductID NUMBER(11,0) NOT NULL,

OrderedQuantity NUMBER(11,0) ,

CONSTRAINT OrderLine\_PK PRIMARY KEY (OrderID, ProductID),

CONSTRAINT OrderLine\_FK1 FOREIGN KEY (OrderID) REFERENCES Order\_T(OrderID),

CONSTRAINT OrderLine\_FK2 FOREIGN KEY (ProductID) REFERENCES Product\_T(ProductID));

CREATE TABLE RawMaterial\_T

(MaterialID VARCHAR2(12) NOT NULL,

MaterialName VARCHAR2(30) ,

MaterialStandardCost DECIMAL(6,2) ,

UnitOfMeasure VARCHAR2(10) ,

CONSTRAINT RawMaterial\_PK PRIMARY KEY (MaterialID));

CREATE TABLE Salesperson\_T

(SalespersonID NUMBER(11,0) NOT NULL,

SalespersonName VARCHAR2(25) ,

SalespersonPhone VARCHAR2(50) ,

SalespersonFax VARCHAR2(50) ,

TerritoryID NUMBER(11,0) ,

CONSTRAINT Salesperson\_PK PRIMARY KEY (SalesPersonID),

CONSTRAINT Salesperson\_FK1 FOREIGN KEY (TerritoryID) REFERENCES Territory\_T(TerritoryID));

CREATE TABLE Vendor\_T

(VendorID NUMBER(11,0) NOT NULL,

VendorName VARCHAR2(25) ,

VendorAddress VARCHAR2(30) ,

VendorCity VARCHAR2(20) ,

VendorState CHAR(2) ,

VendorZipcode VARCHAR2(50) ,

VendorFax VARCHAR2(10) ,

VendorPhone VARCHAR2(10) ,

VendorContact VARCHAR2(50) ,

VendorTaxID VARCHAR2(50) ,

CONSTRAINT Vendor\_PK PRIMARY KEY (VendorID));

CREATE TABLE Supplies\_T

(VendorID NUMBER(11,0) NOT NULL,

MaterialID VARCHAR2(12) NOT NULL,

SuppliesUnitPrice DECIMAL(6,2) ,

CONSTRAINT Supplies\_PK PRIMARY KEY (VendorID, MaterialID),

CONSTRAINT Supplies\_FK1 FOREIGN KEY (MaterialId) REFERENCES RawMaterial\_T(MaterialID),

CONSTRAINT Supplies\_FK2 FOREIGN KEY (VendorID) REFERENCES Vendor\_T(VendorID));

CREATE TABLE Uses\_T

(ProductID NUMBER(11,0) NOT NULL,

MaterialID VARCHAR2(12) NOT NULL,

GoesIntoQuantity INTEGER ,

CONSTRAINT Uses\_PK PRIMARY KEY (ProductID, MaterialID),

CONSTRAINT Uses\_FK1 FOREIGN KEY (ProductID) REFERENCES Product\_T(ProductID),

CONSTRAINT Uses\_FK2 FOREIGN KEY (MaterialID) REFERENCES RawMaterial\_T(MaterialID));

CREATE TABLE WorksIn\_T

(EmployeeID VARCHAR2(10) NOT NULL,

WorkCenterID VARCHAR2(12) NOT NULL,

CONSTRAINT WorksIn\_PK PRIMARY KEY (EmployeeID, WorkCenterID),

CONSTRAINT WorksIn\_FK1 FOREIGN KEY (EmployeeID) REFERENCES Employee\_T(EmployeeID),

CONSTRAINT WorksIn\_FK2 FOREIGN KEY (WorkCenterID) REFERENCES WorkCenter\_T(WorkCenterID));

delete from Uses\_T;

delete from WorksIn\_T;

delete from WorkCenter\_T;

delete from DoesBusinessIn\_T;

delete from EmployeeSkills\_T;

delete from Supplies\_T;

delete from ProducedIn\_T;

delete from OrderLine\_T;

delete from Product\_T;

delete from ProductLine\_T;

delete from Order\_T;

delete from Salesperson\_T;

delete from Vendor\_T;

delete from Skill\_T;

delete from RawMaterial\_T;

delete from Territory\_T;

delete from Employee\_T;

delete from Customer\_T;

INSERT INTO Customer\_T (CustomerID, CustomerName, CustomerAddress, CustomerCity, CustomerState, CustomerPostalCode)

VALUES (1, 'Contemporary Casuals', '1355 S Hines Blvd', 'Gainesville', 'FL', '32601-2871');

INSERT INTO Customer\_T (CustomerID, CustomerName, CustomerAddress, CustomerCity, CustomerState, CustomerPostalCode)

VALUES (2, 'Value Furniture', '15145 S.W. 17th St.', 'Plano', 'TX', '75094-7743');

INSERT INTO Customer\_T (CustomerID, CustomerName, CustomerAddress, CustomerCity, CustomerState, CustomerPostalCode)

VALUES (3, 'Home Furnishings', '1900 Allard Ave.', 'Albany', 'NY', '12209-1125');

INSERT INTO Customer\_T (CustomerID, CustomerName, CustomerAddress, CustomerCity, CustomerState, CustomerPostalCode)

VALUES (4, 'Eastern Furniture', '1925 Beltline Rd.', 'Carteret', 'NJ', '07008-3188');

INSERT INTO Customer\_T (CustomerID, CustomerName, CustomerAddress, CustomerCity, CustomerState, CustomerPostalCode)

VALUES (5, 'Impressions', '5585 Westcott Ct.', 'Sacramento', 'CA', '94206-4056');

INSERT INTO Customer\_T (CustomerID, CustomerName, CustomerAddress, CustomerCity, CustomerState, CustomerPostalCode)

VALUES (6, 'Furniture Gallery', '325 Flatiron Dr.', 'Boulder', 'CO', '80514-4432');

INSERT INTO Customer\_T (CustomerID, CustomerName, CustomerAddress, CustomerCity, CustomerState, CustomerPostalCode)

VALUES (7, 'Period Furniture', '394 Rainbow Dr.', 'Seattle', 'WA', '97954-5589');

INSERT INTO Customer\_T (CustomerID, CustomerName, CustomerAddress, CustomerCity, CustomerState, CustomerPostalCode)

VALUES (8, 'California Classics', '816 Peach Rd.', 'Santa Clara', 'CA', '96915-7754');

INSERT INTO Customer\_T (CustomerID, CustomerName, CustomerAddress, CustomerCity, CustomerState, CustomerPostalCode)

VALUES (9, 'M and H Casual Furniture', '3709 First Street', 'Clearwater', 'FL', '34620-2314');

INSERT INTO Customer\_T (CustomerID, CustomerName, CustomerAddress, CustomerCity, CustomerState, CustomerPostalCode)

VALUES (10, 'Seminole Interiors', '2400 Rocky Point Dr.', 'Seminole', 'FL', '34646-4423');

INSERT INTO Customer\_T (CustomerID, CustomerName, CustomerAddress, CustomerCity, CustomerState, CustomerPostalCode)

VALUES (11, 'American Euro Lifestyles', '2424 Missouri Ave N.', 'Prospect Park', 'NJ', '07508-5621');

INSERT INTO Customer\_T (CustomerID, CustomerName, CustomerAddress, CustomerCity, CustomerState, CustomerPostalCode)

VALUES (12, 'Battle Creek Furniture', '345 Capitol Ave. SW', 'Battle Creek', 'MI', '49015-3401');

INSERT INTO Customer\_T (CustomerID, CustomerName, CustomerAddress, CustomerCity, CustomerState, CustomerPostalCode)

VALUES (13, 'Heritage Furnishings', '66789 College Ave.', 'Carlisle', 'PA', '17013-8834');

INSERT INTO Customer\_T (CustomerID, CustomerName, CustomerAddress, CustomerCity, CustomerState, CustomerPostalCode)

VALUES (14, 'Kaneohe Homes', '112 Kiowai St.', 'Kaneohe', 'HI', '96744-2537');

INSERT INTO Customer\_T (CustomerID, CustomerName, CustomerAddress, CustomerCity, CustomerState, CustomerPostalCode)

VALUES (15, 'Mountain Scenes', '4132 Main Street', 'Ogden', 'UT', '84403-4432');

INSERT INTO Territory\_T (TerritoryID, TerritoryName)

VALUES (1, 'SouthEast');

INSERT INTO Territory\_T (TerritoryID, TerritoryName)

VALUES (2, 'SouthWest');

INSERT INTO Territory\_T (TerritoryID, TerritoryName)

VALUES (3, 'NorthEast');

INSERT INTO Territory\_T (TerritoryID, TerritoryName)

VALUES (4, 'NorthWest');

INSERT INTO Territory\_T (TerritoryID, TerritoryName)

VALUES (5, 'Central');

INSERT INTO DoesBusinessIn\_T (CustomerID, TerritoryID)

VALUES (1, 1);

INSERT INTO DoesBusinessIn\_T (CustomerID, TerritoryID)

VALUES (1, 2);

INSERT INTO DoesBusinessIn\_T (CustomerID, TerritoryID)

VALUES (2, 2);

INSERT INTO DoesBusinessIn\_T (CustomerID, TerritoryID)

VALUES (3, 3);

INSERT INTO DoesBusinessIn\_T (CustomerID, TerritoryID)

VALUES (4, 3);

INSERT INTO DoesBusinessIn\_T (CustomerID, TerritoryID)

VALUES (5, 2);

INSERT INTO DoesBusinessIn\_T (CustomerID, TerritoryID)

VALUES (6, 5);

INSERT INTO Employee\_T (EmployeeID, EmployeeName, EmployeeAddress, EmployeeBirthDate, EmployeeCity, EmployeeState, EmployeeZipCode, EmployeeDateHired, EmployeeSupervisor)

VALUES ('123-44-345', 'Jim Jason', '2134 Hilltop Rd', '', '', 'TN', '', '06-12-1999', '454-56-768');

INSERT INTO Employee\_T (EmployeeID, EmployeeName, EmployeeAddress, EmployeeBirthDate, EmployeeCity, EmployeeState, EmployeeZipCode, EmployeeDateHired, EmployeeSupervisor)

VALUES ('454-56-768', 'Robert Lewis', '17834 Deerfield Ln', '', 'Nashville', 'TN', '', '01-01-1999', '');

INSERT INTO Skill\_T (SkillID, SkillDescription)

VALUES ('BS12', '12in Band Saw');

INSERT INTO Skill\_T (SkillID, SkillDescription)

VALUES ('QC1', 'Quality Control');

INSERT INTO Skill\_T (SkillID, SkillDescription)

VALUES ('RT1', 'Router');

INSERT INTO Skill\_T (SkillID, SkillDescription)

VALUES ('SO1', 'Sander-Orbital');

INSERT INTO Skill\_T (SkillID, SkillDescription)

VALUES ('SB1', 'Sander-Belt');

INSERT INTO Skill\_T (SkillID, SkillDescription)

VALUES ('TS10', '10in Table Saw');

INSERT INTO Skill\_T (SkillID, SkillDescription)

VALUES ('TS12', '12in Table Saw');

INSERT INTO Skill\_T (SkillID, SkillDescription)

VALUES ('UC1', 'Upholstery Cutter');

INSERT INTO Skill\_T (SkillID, SkillDescription)

VALUES ('US1', 'Upholstery Sewer');

INSERT INTO Skill\_T (SkillID, SkillDescription)

VALUES ('UT1', 'Upholstery Tacker');

INSERT INTO EmployeeSkills\_T (EmployeeID, SkillID)

VALUES ('123-44-345', 'BS12');

INSERT INTO EmployeeSkills\_T (EmployeeID, SkillID)

VALUES ('123-44-345', 'RT1');

INSERT INTO EmployeeSkills\_T (EmployeeID, SkillID)

VALUES ('454-56-768', 'BS12');

INSERT INTO Order\_T (OrderID, OrderDate, CustomerID)

VALUES (1001, '10-21-2010', 1);

INSERT INTO Order\_T (OrderID, OrderDate, CustomerID)

VALUES (1002, '10-21-2010', 8);

INSERT INTO Order\_T (OrderID, OrderDate, CustomerID)

VALUES (1003, '10-22-2010', 15);

INSERT INTO Order\_T (OrderID, OrderDate, CustomerID)

VALUES (1004, '10-22-2010', 5);

INSERT INTO Order\_T (OrderID, OrderDate, CustomerID)

VALUES (1005, '10-24-2010', 3);

INSERT INTO Order\_T (OrderID, OrderDate, CustomerID)

VALUES (1006, '10-24-2010', 2);

INSERT INTO Order\_T (OrderID, OrderDate, CustomerID)

VALUES (1007, '10-27-2010', 11);

INSERT INTO Order\_T (OrderID, OrderDate, CustomerID)

VALUES (1008, '10-30-2010', 12);

INSERT INTO Order\_T (OrderID, OrderDate, CustomerID)

VALUES (1009, '11-05-2010', 4);

INSERT INTO Order\_T (OrderID, OrderDate, CustomerID)

VALUES (1010, '11-05-2010', 1);

INSERT INTO ProductLine\_T (ProductLineID, ProductLineName)

VALUES (1, 'Cherry Tree');

INSERT INTO ProductLine\_T (ProductLineID, ProductLineName)

VALUES (2, 'Scandinavia');

INSERT INTO ProductLine\_T (ProductLineID, ProductLineName)

VALUES (3, 'Country Look');

INSERT INTO Product\_T (ProductID, ProductDescription, ProductFinish, ProductStandardPrice, ProductLineID)

VALUES (1, 'End Table', 'Cherry', 175, 1);

INSERT INTO Product\_T (ProductID, ProductDescription, ProductFinish, ProductStandardPrice, ProductLineID)

VALUES (2, 'Coffee Table', 'Natural Ash', 200, 2);

INSERT INTO Product\_T (ProductID, ProductDescription, ProductFinish, ProductStandardPrice, ProductLineID)

VALUES (3, 'Computer Desk', 'Natural Ash', 375, 2);

INSERT INTO Product\_T (ProductID, ProductDescription, ProductFinish, ProductStandardPrice, ProductLineID)

VALUES (4, 'Entertainment Center', 'Natural Maple', 650, 3);

INSERT INTO Product\_T (ProductID, ProductDescription, ProductFinish, ProductStandardPrice, ProductLineID)

VALUES (5, 'Writers Desk', 'Cherry', 325, 1);

INSERT INTO Product\_T (ProductID, ProductDescription, ProductFinish, ProductStandardPrice, ProductLineID)

VALUES (6, '8-Drawer Desk', 'White Ash', 750, 2);

INSERT INTO Product\_T (ProductID, ProductDescription, ProductFinish, ProductStandardPrice, ProductLineID)

VALUES (7, 'Dining Table', 'Natural Ash', 800, 2);

INSERT INTO Product\_T (ProductID, ProductDescription, ProductFinish, ProductStandardPrice, ProductLineID)

VALUES (8, 'Computer Desk', 'Walnut', 250, 3);

INSERT INTO OrderLine\_T (OrderID, ProductID, OrderedQuantity)

VALUES (1001, 1, 2);

INSERT INTO OrderLine\_T (OrderID, ProductID, OrderedQuantity)

VALUES (1001, 2, 2);

INSERT INTO OrderLine\_T (OrderID, ProductID, OrderedQuantity)

VALUES (1001, 4, 1);

INSERT INTO OrderLine\_T (OrderID, ProductID, OrderedQuantity)

VALUES (1002, 3, 5);

INSERT INTO OrderLine\_T (OrderID, ProductID, OrderedQuantity)

VALUES (1003, 3, 3);

INSERT INTO OrderLine\_T (OrderID, ProductID, OrderedQuantity)

VALUES (1004, 6, 2);

INSERT INTO OrderLine\_T (OrderID, ProductID, OrderedQuantity)

VALUES (1004, 8, 2);

INSERT INTO OrderLine\_T (OrderID, ProductID, OrderedQuantity)

VALUES (1005, 4, 3);

INSERT INTO OrderLine\_T (OrderID, ProductID, OrderedQuantity)

VALUES (1006, 4, 1);

INSERT INTO OrderLine\_T (OrderID, ProductID, OrderedQuantity)

VALUES (1006, 5, 2);

INSERT INTO OrderLine\_T (OrderID, ProductID, OrderedQuantity)

VALUES (1006, 7, 2);

INSERT INTO OrderLine\_T (OrderID, ProductID, OrderedQuantity)

VALUES (1007, 1, 3);

INSERT INTO OrderLine\_T (OrderID, ProductID, OrderedQuantity)

VALUES (1007, 2, 2);

INSERT INTO OrderLine\_T (OrderID, ProductID, OrderedQuantity)

VALUES (1008, 3, 3);

INSERT INTO OrderLine\_T (OrderID, ProductID, OrderedQuantity)

VALUES (1008, 8, 3);

INSERT INTO OrderLine\_T (OrderID, ProductID, OrderedQuantity)

VALUES (1009, 4, 2);

INSERT INTO OrderLine\_T (OrderID, ProductID, OrderedQuantity)

VALUES (1009, 7, 3);

INSERT INTO OrderLine\_T (OrderID, ProductID, OrderedQuantity)

VALUES (1010, 8, 10);

INSERT INTO Salesperson\_T (SalesPersonID, SalesPersonName, SalesPersonPhone, SalesPersonFax, TerritoryID)

VALUES (1, 'Doug Henny', '8134445555', '', 1);

INSERT INTO Salesperson\_T (SalesPersonID, SalesPersonName, SalesPersonPhone, SalesPersonFax, TerritoryID)

VALUES (2, 'Robert Lewis', '8139264006', '', 2);

INSERT INTO Salesperson\_T (SalesPersonID, SalesPersonName, SalesPersonPhone, SalesPersonFax, TerritoryID)

VALUES (3, 'William Strong', '5053821212', '', 3);

INSERT INTO Salesperson\_T (SalesPersonID, SalesPersonName, SalesPersonPhone, SalesPersonFax, TerritoryID)

VALUES (4, 'Julie Dawson', '4355346677', '', 4);

INSERT INTO Salesperson\_T (SalesPersonID, SalesPersonName, SalesPersonPhone, SalesPersonFax, TerritoryID)

VALUES (5, 'Jacob Winslow', '2238973498', '', 5);

INSERT INTO WorkCenter\_T (WorkCenterID, WorkCenterLocation)

VALUES ('SM1', 'Main Saw Mill');

INSERT INTO WorkCenter\_T (WorkCenterID, WorkCenterLocation)

VALUES ('WR1', 'Warehouse and Receiving');

INSERT INTO WorksIn\_T (EmployeeID, WorkCenterID)

VALUES ('123-44-345', 'SM1');

COMMIT;