

```
(CREATE TABLE Plant (  
Plant_ID INT NOT NULL IDENTITY (100,1) PRIMARY KEY,  
Plant_Street VARCHAR(30) NOT NULL,  
Plant_City VARCHAR(25) NOT NULL,  
Plant_State VARCHAR(2) NOT NULL,  
Plant_Zip VARCHAR(10) NOT NULL,  
Plant_Country VARCHAR(20) NOT NULL)
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```
Insert Into Plant (Plant_Street, Plant_City, Plant_State, Plant_Zip, Plant_Country) Values ('318  
Cove Point', 'Chattanooga', 'TN', '37450', 'United States');  
Insert Into Plant (Plant_Street, Plant_City, Plant_State, Plant_Zip, Plant_Country) Values(  
'3537 Raven Junction', 'San Francisco', 'CA', '94177', 'United States');  
Insert Into Plant (Plant_Street, Plant_City, Plant_State, Plant_Zip, Plant_Country) Values(  
'6098 Ridgeway Court', 'Columbia', 'SC', '29240', 'United States');  
Insert Into Plant (Plant_Street, Plant_City, Plant_State, Plant_Zip, Plant_Country) Values ( '229  
Continental Junction', 'Aurora', 'CO', '80015', 'United States');  
Insert Into Plant (Plant_Street, Plant_City, Plant_State, Plant_Zip, Plant_Country) Values( '237  
Dovetail Circle', 'Albuquerque', 'NM', '87190', 'United States');  
Insert Into Plant (Plant_Street, Plant_City, Plant_State, Plant_Zip, Plant_Country) Values (   
'82532 Rockefeller Lane', 'Philadelphia', 'PA', '19196', 'United States');  
Insert Into Plant (Plant_Street, Plant_City, Plant_State, Plant_Zip, Plant_Country) Values (   
'1020 Corry Way', 'Jackson', 'TN', '38308', 'United States');  
Insert Into Plant (Plant_Street, Plant_City, Plant_State, Plant_Zip, Plant_Country) Values( '910  
Lake View Crossing', 'Sacramento', 'CA', '94280', 'United States');  
Insert Into Plant (Plant_Street, Plant_City, Plant_State, Plant_Zip, Plant_Country) Values( '8737  
Forster Lane', 'Roanoke', 'VA', '24034', 'United States');  
Insert Into Plant (Plant_Street, Plant_City, Plant_State, Plant_Zip, Plant_Country) Values ( '120  
Oriole Pass', 'Naples', 'FL', '33961', 'United States');
```

```
CREATE TABLE Customer (  
Cust_ID INT NOT NULL IDENTITY (100000,1) PRIMARY KEY,  
Cust_First VARCHAR(20) NOT NULL,  
Cust_Last VARCHAR(30) NOT NULL,  
Cust_Street VARCHAR(30),  
Cust_City VARCHAR(25),  
Cust_State VARCHAR(2),  
Cust_Zip VARCHAR(10),  
Cust_Country VARCHAR(20),  
Cust_Phone VARCHAR(13),  
Cust_Email VARCHAR(50))
```

```

Insert into Customer (Cust_First, Cust_Last, Cust_Street, Cust_City, Cust_State, Cust_Zip,
Cust_Country, Cust_Phone, Cust_Email) Values('Diann', 'Bugs', '310 Cherry Ln', 'Norfolk', 'VA',
'52354', 'United States', '757-956-4431', 'dbugs0@utexas.edu');
Insert into Customer (Cust_First, Cust_Last, Cust_Street, Cust_City, Cust_State, Cust_Zip,
Cust_Country, Cust_Phone, Cust_Email) Values('Fionna', 'Baal', '918 Hallow
Rd', 'Sacramento', 'CA', '92354', 'United States', '916-151-3572', 'fbaal1@china.com.cn');
Insert into Customer (Cust_First, Cust_Last, Cust_Street, Cust_City, Cust_State, Cust_Zip,
Cust_Country, Cust_Phone, Cust_Email) Values('Cammi', 'Trank', '6223 Arnold
St', 'Pasadena', 'CA', '57907', 'United States', '323-712-3250', 'ctrank2@cnn.com');
Insert into Customer (Cust_First, Cust_Last, Cust_Street, Cust_City, Cust_State, Cust_Zip,
Cust_Country, Cust_Phone, Cust_Email) Values('Deedee', 'Rogeon', '337 Volunteer
Blvd', 'Duluth', 'GA', '97567', 'United States', '678-881-5606', 'drogeon3@sogou.com');
Insert into Customer (Cust_First, Cust_Last, Cust_Street, Cust_City, Cust_State, Cust_Zip,
Cust_Country, Cust_Phone, Cust_Email) Values('Frieda', 'Lyal', '63298 Highway
11', 'Pittsburgh', 'PA', '35895', 'United States', '412-207-4415', 'flyall4@google.pl');
Insert into Customer (Cust_First, Cust_Last, Cust_Street, Cust_City, Cust_State, Cust_Zip,
Cust_Country, Cust_Phone, Cust_Email) Values('Quentin', 'Amiss', '691 21st St', 'Port
Washington', 'NY', '23417', 'United States', '516-465-6783', 'qamiss6@harvard.edu');
Insert into Customer (Cust_First, Cust_Last, Cust_Street, Cust_City, Cust_State, Cust_Zip,
Cust_Country, Cust_Phone, Cust_Email) Values('Gilberte', 'Frawley', '75307 Highland
Ave', 'Schaumburg', 'IL', '12345', 'United States', '630-301-4392', 'gfrawley7@ucla.edu');
Insert into Customer (Cust_First, Cust_Last, Cust_Street, Cust_City, Cust_State, Cust_Zip,
Cust_Country, Cust_Phone, Cust_Email) Values('Shurwood', 'Rustadge', '2844 Orange
St', 'Seattle', 'WA', '35675', 'United States', '202-929-3728', 'srustadge8@chron.com');
Insert into Customer (Cust_First, Cust_Last, Cust_Street, Cust_City, Cust_State, Cust_Zip,
Cust_Country, Cust_Phone, Cust_Email) Values('Gertrud', 'Vann', '652 Big Lake
Rd', 'Kalamazoo', 'MI', '34565', 'United States', '269-531-4780', 'gvann9@tamu.edu');
Insert into Customer (Cust_First, Cust_Last, Cust_Street, Cust_City, Cust_State, Cust_Zip,
Cust_Country, Cust_Phone, Cust_Email) Values('Mellie', 'Kehoe', '9227 Shady Oaks Ct',
'Cleveland', 'OH', '67905', 'United States', '216-133-2768', 'mkehoe5@163.com');

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CREATE TABLE Program (
Prog_ID INT NOT NULL IDENTITY (100000,1) PRIMARY KEY,
Prog_Name VARCHAR(25) NOT NULL,
Prog_Description VARCHAR(250))

```

Insert into Program (Prog\_Name, Prog\_Description) Values ('Plant Safety 101', 'This program is intended for our new hires. It gives them the necessary information regarding the building and safety features as well as safe working practices.');

Insert into Program (Prog\_Name, Prog\_Description) Values ('Plant Safety 101', 'This program is intended for our new hires. It gives them the necessary information regarding the building and safety features as well as safe working practices.');

Insert into Program (Prog\_Name, Prog\_Description) Values ('Forklift Certification', 'This program teaches employees how to operate forklift. Completion of this course gives you a forklift certification.');

Insert into Program (Prog\_Name, Prog\_Description) Values ('Manager Training', 'This training program gives you manager experience through shadowing plant managers. This is required if you wish to become a plant manager.');

Insert into Program (Prog\_Name, Prog\_Description) Values ('Plant Safety 101', 'This program is intended for our new hires. It gives them the necessary information regarding the building and safety features as well as safe working practices.');

Insert into Program (Prog\_Name, Prog\_Description) Values ('Manager Training', 'This training program gives you manager experience through shadowing plant managers. This is required if you wish to become a plant manager.');

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Insert into Program (Prog\_Name, Prog\_Description) Values ('Plant Safety 101', 'This program is intended for our new hires. It gives them the necessary information regarding the building and safety features as well as safe working practices.');

Insert into Program (Prog\_Name, Prog\_Description) Values ('Forklift Certification', 'This program teaches employees how to operate forklift. Completion of this course gives you a forklift certification.');

Insert into Program (Prog\_Name, Prog\_Description) Values ('Forklift Certification', 'This program teaches employees how to operate forklift. Completion of this course gives you a forklift certification.');

```
CREATE TABLE Order_Status (  
Order_Status_ID INT NOT NULL IDENTITY (100000,1) PRIMARY KEY,  
Status VARCHAR(20)NOT NULL,
```

Insert into Order\_Status (Status) Values ('completed');

Insert into Order\_Status (Status) Values ('in-process');

Insert into Order\_Status (Status) Values ('in-process');

Insert into Order\_Status (Status) Values ('completed');

Insert into Order\_Status (Status) Values ('in-process');

Insert into Order\_Status (Status) Values ('in-process');

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Insert into Order_Status (Status) Values ('completed');
Insert into Order_Status (Status) Values ('submitted');
Insert into Order_Status (Status) Values ('submitted');
Insert into Order_Status (Status) Values ('completed');
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```
CREATE TABLE Merchandise (
Roll_ID INT NOT NULL IDENTITY (100000,1) PRIMARY KEY,
Roll_Size VARCHAR(6),
Roll_Length DEC(6,0))
```

```
Insert into Merchandise (Roll_ID, Roll_Size, Roll_Length) Values (1,'Small', 2500);
Insert into Merchandise (Roll_ID, Roll_Size, Roll_Length) Values (3,'Medium', 6000);
Insert into Merchandise (Roll_ID, Roll_Size, Roll_Length) Values (5,'Large', 10000);
Insert into Merchandise (Roll_ID, Roll_Size, Roll_Length) Values (8,'Large', 10000);
Insert into Merchandise (Roll_ID, Roll_Size, Roll_Length) Values (11,'Medium', 6000);
Insert into Merchandise (Roll_ID, Roll_Size, Roll_Length) Values (12,'Large', 10000);
Insert into Merchandise (Roll_ID, Roll_Size, Roll_Length) Values (13,'Small', 2500);
Insert into Merchandise (Roll_ID, Roll_Size, Roll_Length) Values (14,'Medium', 6000);
Insert into Merchandise (Roll_ID, Roll_Size, Roll_Length) Values (15,'Small', 2500);
Insert into Merchandise (Roll_ID, Roll_Size, Roll_Length) Values (16,'Large', 10000);
```

```
CREATE TABLE Material(
    Material_ID INT NOT NULL IDENTITY PRIMARY KEY,
    Material_Description VARCHAR(250),
    Material_Weight VARCHAR(3),
    Material_Type VARCHAR(20)) ;
```

```
INSERT INTO Material (Material_ID, Material_Description, Material_Weight, Material_Type)
Values (2,'pulp', 900, 'MTS');
INSERT INTO Material (Material_ID, Material_Description, Material_Weight, Material_Type)
Values (4,'fibers', 750, 'MTS');
INSERT INTO Material (Material_ID, Material_Description, Material_Weight, Material_Type)
Values (6,'cellulose and fibers', 600, 'MTS');
INSERT INTO Material (Material_ID, Material_Description, Material_Weight, Material_Type)
Values (7,'pulp', 100, 'MTS');
INSERT INTO Material (Material_ID, Material_Description, Material_Weight, Material_Type)
Values (9,'pulp', 200, 'MTO');
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INSERT INTO Material (Material_ID, Material_Description, Material_Weight, Material_Type)
Values (10,'recycled fibers', 500, 'MTS');
INSERT INTO Material (Material_ID, Material_Description, Material_Weight, Material_Type)
Values (17,'cellulose and fibers', 600, 'MTO');
INSERT INTO Material (Material_ID, Material_Description, Material_Weight, Material_Type)
Values (18,'wood and recycled fibers', 800, 'MTO');
INSERT INTO Material (Material_ID, Material_Description, Material_Weight, Material_Type)
Values (19,'fibers', 550, 'MTS');
INSERT INTO Material (Material_ID, Material_Description, Material_Weight, Material_Type)
Values (20,'pulp', 100, 'MTO');
insert into material (Material_ID, material_description, material_weight, Material_Type) Values
(21,'wood pulp', 800, 'MTS');
insert into material (Material_ID, material_description, material_weight, Material_Type) Values
(22,'recycled fibers', 480, 'MTS');
insert into material (Material_ID, material_description, material_weight, Material_Type) Values
(23,'cellulose', 500, 'MTS');
insert into material (Material_ID, material_description, material_weight, Material_Type) Values
(24,'fibers',790,'MTS');
INSERT INTO Material (Material_ID, Material_Description, Material_Weight, Material_Type)
Values (25,'pulp', 900, 'MTO');
INSERT INTO Material (Material_ID, Material_Description, Material_Weight, Material_Type)
Values (26,'fibers', 750, 'MTO');
INSERT INTO Material (Material_ID, Material_Description, Material_Weight, Material_Type)
Values (27,'cellulose and fibers', 600, 'MTO');
INSERT INTO Material (Material_ID, Material_Description, Material_Weight, Material_Type)
Values (28,'pulp', 100, 'MTO');
insert into material (Material_ID, material_description, material_weight, Material_Type) Values
(29,'cellulose', 500, 'MTO');
insert into material (Material_ID, material_description, material_weight, Material_Type) Values
(30,'fibers',790,'MTO');

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```

CREATE TABLE MadeToOrder(
    O_Material_ID INT NOT NULL IDENTITY PRIMARY KEY) ;

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```

insert into Made_To_Order (O_material_ID) Values(9);
insert into Made_To_Order (O_material_ID) Values(17);
insert into Made_To_Order (O_material_ID) Values(18);
insert into Made_To_Order (O_material_ID) Values(20);
insert into Made_To_Order (O_material_ID) Values(25);
insert into Made_To_Order (O_material_ID) Values(26);

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```
insert into Made_To_Order (O_material_ID) Values(27);
insert into Made_To_Order (O_material_ID) Values(28);
insert into Made_To_Order (O_material_ID) Values(29);
insert into Made_To_Order (O_material_ID) Values(30);
```

```
CREATE TABLE MadeToStock(
    S_Material_ID INT NOT NULL IDENTITY PRIMARY KEY) ;
```

```
insert into Made_to_Stock (S_Material_ID)Values (2);
insert into Made_to_Stock (S_Material_ID) Values (4);
insert into Made_to_Stock(S_Material_ID) Values (6);
insert into Made_to_Stock (S_Material_ID)Values (7);
insert into Made_to_Stock (S_Material_ID)Values (10);
insert into Made_to_Stock(S_Material_ID) Values (19);
insert into Made_to_Stock(S_Material_ID) Values (21);
insert into Made_to_Stock(S_Material_ID) Values (22);
insert into Made_to_Stock(S_Material_ID) Values (23);
insert into Made_to_Stock(S_Material_ID) Values (24);
```

```
CREATE TABLE Ship_Status(
    Ship_Status_ID INT NOT NULL IDENTITY PRIMARY KEY,
    NAME VARCHAR(20),
    Description VARCHAR(250)) ;
```

```
Insert INTO Ship_Status (Name, Description) Values ('not shipped', 'waiting to be put on truck');
Insert INTO Ship_Status (Name, Description) Values ('in-process', 'in transit');
Insert INTO Ship_Status (Name, Description) Values ('complete', 'shipment has arrived');
Insert INTO Ship_Status (Name, Description) Values ('in-process', 'in transit');
Insert INTO Ship_Status (Name, Description) Values ('complete', 'shipment has arrived');
Insert INTO Ship_Status (Name, Description) Values ('not shipped', 'waiting to be put on truck');
Insert INTO Ship_Status (Name, Description) Values ('complete', 'shipment has arrived');
Insert INTO Ship_Status (Name, Description) Values ('in-process', 'in transit');
Insert INTO Ship_Status (Name, Description) Values ('not shipped', 'waiting to be put on truck');
Insert INTO Ship_Status (Name, Description) Values ('complete', 'shipment has arrived');
```

```
CREATE TABLE Item(
    Item_ID INT NOT NULL IDENTITY PRIMARY KEY,
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Item_Weight VARCHAR(5),  
Item_Cost VARCHAR(4),  
Item_Type VARCHAR(15)) ;
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```
Insert INTO Item (Item_Weight, Item_Cost, Item_Type) Values (40120, 3800, 'Merchandise');  
Insert INTO Item (Item_Weight, Item_Cost, Item_Type) Values (600, 410, 'Material');  
Insert INTO Item (Item_Weight, Item_Cost, Item_Type) Values (990, 125, 'Merchandise');  
Insert INTO Item (Item_Weight, Item_Cost, Item_Type) Values (580, 90, 'Material');  
Insert INTO Item (Item_Weight, Item_Cost, Item_Type) Values (40, 38, 'Merchandise');  
Insert INTO Item (Item_Weight, Item_Cost, Item_Type) Values (21200, 1000, 'Material');  
Insert INTO Item (Item_Weight, Item_Cost, Item_Type) Values (5800, 900, 'Material');  
Insert INTO Item (Item_Weight, Item_Cost, Item_Type) Values (1023, 456, 'Merchandise');  
Insert INTO Item (Item_Weight, Item_Cost, Item_Type) Values (1000, 201, 'Material');  
Insert INTO Item (Item_Weight, Item_Cost, Item_Type) Values (60, 41, 'Material');  
Insert INTO Item (Item_Weight, Item_Cost, Item_Type) Values (4000, 380, 'Merchandise');  
Insert INTO Item (Item_Weight, Item_Cost, Item_Type) Values (5000, 4010, 'Merchandise');  
Insert INTO Item (Item_Weight, Item_Cost, Item_Type) Values (880, 125, 'Merchandise');  
Insert INTO Item (Item_Weight, Item_Cost, Item_Type) Values (610, 100, 'Merchandise');  
Insert INTO Item (Item_Weight, Item_Cost, Item_Type) Values (42, 37, 'Merchandise');  
Insert INTO Item (Item_Weight, Item_Cost, Item_Type) Values (22200, 1100, 'Merchandise');  
Insert INTO Item (Item_Weight, Item_Cost, Item_Type) Values (5700, 870, 'Material');  
Insert INTO Item (Item_Weight, Item_Cost, Item_Type) Values (1111, 499, 'Material');  
Insert INTO Item (Item_Weight, Item_Cost, Item_Type) Values (1010, 211, 'Material');  
Insert INTO Item (Item_Weight, Item_Cost, Item_Type) Values (66, 44, 'Material');  
Insert INTO Item (Item_Weight, Item_Cost, Item_Type) Values (40410, 3780, 'Material');  
Insert INTO Item (Item_Weight, Item_Cost, Item_Type) Values (752, 460, 'Material');  
Insert INTO Item (Item_Weight, Item_Cost, Item_Type) Values (821, 225, 'Material');  
Insert INTO Item (Item_Weight, Item_Cost, Item_Type) Values (597, 104, 'Material');  
Insert INTO Item (Item_Weight, Item_Cost, Item_Type) Values (49, 48, 'Material');  
Insert INTO Item (Item_Weight, Item_Cost, Item_Type) Values (41200, 8000, 'Material');  
Insert INTO Item (Item_Weight, Item_Cost, Item_Type) Values (5898, 999, 'Material');  
Insert INTO Item (Item_Weight, Item_Cost, Item_Type) Values (1321, 654, 'Material');  
Insert INTO Item (Item_Weight, Item_Cost, Item_Type) Values (1234, 226, 'Material');  
Insert INTO Item (Item_Weight, Item_Cost, Item_Type) Values (52, 34, 'Material');
```

```
CREATE TABLE Carrier(  
    Carrier_ID INT NOT NULL IDENTITY PRIMARY KEY  
    Carrier_Name VARCHAR(35),  
    Carrier_Street VARCHAR(30),  
    Carrier_City VARCHAR(30),  
    Carrier_State VARCHAR (2),  
    Carrier_Zip VARCHAR(5),
```

Carrier\_Country VARCHAR(20),  
Carrier\_Phone VARCHAR(10)) ;

Insert INTO Carrier (Carrier\_Name, Carrier\_Street, Carrier\_City, Carrier\_State, Carrier\_Zip, Carrier\_Country, Carrier\_Phone) Values ('JB Hunt', '345 Hunt Rd', 'Nashville', 'TN', '37075', 'United States', '615-234-7859');

Insert INTO Carrier (Carrier\_Name, Carrier\_Street, Carrier\_City, Carrier\_State, Carrier\_Zip, Carrier\_Country, Carrier\_Phone) Values ('XPO', '5690 Airport Rd', 'Austin', 'TX', '62190', 'United States', '214-832-9039');

Insert INTO Carrier (Carrier\_Name, Carrier\_Street, Carrier\_City, Carrier\_State, Carrier\_Zip, Carrier\_Country, Carrier\_Phone) Values ('Cleaveland Trucking', '215 Brown Ave', 'Cleaveland', 'OH', '87664', 'United States', '333-453-1243');

Insert INTO Carrier (Carrier\_Name, Carrier\_Street, Carrier\_City, Carrier\_State, Carrier\_Zip, Carrier\_Country, Carrier\_Phone) Values ('Smith Inc.', '235 Hersey Blvd', 'Albany', 'NY', '21344', 'United States', '656-129-9021');

Insert INTO Carrier (Carrier\_Name, Carrier\_Street, Carrier\_City, Carrier\_State, Carrier\_Zip, Carrier\_Country, Carrier\_Phone) Values ('Knight', '3908 Snow St', 'Portland', 'OR', '53453', 'United States', '905-902-9921');

Insert INTO Carrier (Carrier\_Name, Carrier\_Street, Carrier\_City, Carrier\_State, Carrier\_Zip, Carrier\_Country, Carrier\_Phone) Values ('Nolan Transportation', '4908 Carnel Lane', 'Atlanta', 'GA', '54321', 'United States', '404-567-2134');

Insert INTO Carrier (Carrier\_Name, Carrier\_Street, Carrier\_City, Carrier\_State, Carrier\_Zip, Carrier\_Country, Carrier\_Phone) Values ('PS Logistics', '690 Cactus Ln', 'Santa Fe', 'NM', '39034', 'United States', '782-546-4389');

Insert INTO Carrier (Carrier\_Name, Carrier\_Street, Carrier\_City, Carrier\_State, Carrier\_Zip, Carrier\_Country, Carrier\_Phone) Values ('Schneider', '74514 Strawberry St', 'Orlando', 'FL', '53490', 'United States', '432-987-3421');

Insert INTO Carrier (Carrier\_Name, Carrier\_Street, Carrier\_City, Carrier\_State, Carrier\_Zip, Carrier\_Country, Carrier\_Phone) Values ('Whitaker and Sons', '898 17th St', 'St. Louis', 'MO', '90432', 'United States', '215-423-7680');

Insert INTO Carrier (Carrier\_Name, Carrier\_Street, Carrier\_City, Carrier\_State, Carrier\_Zip, Carrier\_Country, Carrier\_Phone) Values ('West Coast Trucking', '345 Wesson Blvd', 'San Francisco', 'CA', '23452', 'United States', '545-190-3942');

Employee (  
Emp\_ID INT NOT NULL IDENTITY (100000000,1) PRIMARY KEY,  
Emp\_First VARCHAR(20) NOT NULL,  
Emp\_Last VARCHAR(30) NOT NULL,  
Emp\_Street VARCHAR(30),  
Emp\_City VARCHAR(25),  
Emp\_State VARCHAR(2),



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Emp_Zip VARCHAR(10),
Emp_Country VARCHAR(20),
Emp_Phone VARCHAR(13),
Emp_Status VARCHAR(15),
Emp_DOB DATE,
Emp_HireDate DATE,
Emp_Type VARCHAR(20),
Plant_ID INT,
        CONSTRAINT EmpPlant_Plant_ID_FK FOREIGN KEY (Plant_ID) REFERENCES
        Plant(Plant_ID));

```

```

INSERT INTO Employee(Emp_First, Emp_Last, Emp_Street, Emp_City, Emp_State, Emp_Zip,
Emp_Country, Emp_Phone, Emp_Status, Emp_DOB, Emp_HireDate, Emp_Type, Plant_ID)
Values('Stormi', 'Rioch', '67601 Judy Plaza', 'Youngstown', 'OH', '44511', 'United States', '330-
147-8182', 'Inactive', '20-APR-1979', '04-JAN-2004', 'Plant', 100);
INSERT INTO Employee(Emp_First, Emp_Last, Emp_Street, Emp_City, Emp_State, Emp_Zip,
Emp_Country, Emp_Phone, Emp_Status, Emp_DOB, Emp_HireDate, Emp_Type, Plant_ID)
Values('Marv', 'Crudace', '240 Novick Alley', 'Saint Paul', 'MN', '55103', 'United States', '651-
633-3152', 'Active', '30-APR-1990', '01-DEC-2018', 'Plant', 101);
INSERT INTO Employee(Emp_First, Emp_Last, Emp_Street, Emp_City, Emp_State, Emp_Zip,
Emp_Country, Emp_Phone, Emp_Status, Emp_DOB, Emp_HireDate, Emp_Type, Plant_ID)
Values('Bengt', 'Kensley', '41271 Parkside Lane', 'Minneapolis', 'MN', '55402', 'United States',
'612-507-7832', 'Active', '17-SEP-1985', '21-MAY-2005', 'Plant', 102);
INSERT INTO Employee(Emp_First, Emp_Last, Emp_Street, Emp_City, Emp_State, Emp_Zip,
Emp_Country, Emp_Phone, Emp_Status, Emp_DOB, Emp_HireDate, Emp_Type, Plant_ID)
Values('Emeline', 'Lantiff', '9056 Park Meadow Alley', 'Spokane', 'WA', '99215', 'United States',
'509-147-5451', 'Active', '01-JUL-2000', '11-NOV-2019', 'Plant', 103);
INSERT INTO Employee(Emp_First, Emp_Last, Emp_Street, Emp_City, Emp_State, Emp_Zip,
Emp_Country, Emp_Phone, Emp_Status, Emp_DOB, Emp_HireDate, Emp_Type, Plant_ID)
Values('Eloise', 'Gutowska', '85068 Mallory Park', 'Columbia', 'MO', '65218', 'United States',
'573-102-7140', 'Inactive', '17-OCT-1968', '30-JAN-1989', 'Plant', 104);
INSERT INTO Employee(Emp_First, Emp_Last, Emp_Street, Emp_City, Emp_State, Emp_Zip,
Emp_Country, Emp_Phone, Emp_Status, Emp_DOB, Emp_HireDate, Emp_Type, Plant_ID)
Values('Abraham', 'Jochanany', '3668 Bluejay Hill', 'Charlotte', 'NC', '28230', 'United States',
'704-585-4608', 'Active', '09-AUG-1999', '01-JAN-2019', 'Plant', 105);
INSERT INTO Employee(Emp_First, Emp_Last, Emp_Street, Emp_City, Emp_State, Emp_Zip,
Emp_Country, Emp_Phone, Emp_Status, Emp_DOB, Emp_HireDate, Emp_Type, Plant_ID)
Values('Hermie', 'Syseland', '923 Sherman Way', 'Rochester', 'NY', '14683', 'United States', '585-
327-5212', 'Active', '13-FEB-1976', '01-JUN-1994', 'Plant', 106);
INSERT INTO Employee(Emp_First, Emp_Last, Emp_Street, Emp_City, Emp_State, Emp_Zip,
Emp_Country, Emp_Phone, Emp_Status, Emp_DOB, Emp_HireDate, Emp_Type, Plant_ID)
Values('Daune', 'Breslin', '111 Talisman Plaza', 'New York City', 'NY', '10165', 'United States',
'646-116-3413', 'Active', '03-DEC-1964', '01-AUG-1988', 'Plant', 107);

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INSERT INTO Employee(Emp_First, Emp_Last, Emp_Street, Emp_City, Emp_State, Emp_Zip,
Emp_Country, Emp_Phone, Emp_Status, Emp_DOB, Emp_HireDate, Emp_Type, Plant_ID)
Values('Ramon', 'Sheryn', '826 Pennsylvania Avenue', 'Olympia', 'WA', '98516', 'United States',
'360-501-3219', 'Inactive', '02-MAR-1960', '29-APR-2010', 'Plant', 109);
INSERT INTO Employee(Emp_First, Emp_Last, Emp_Street, Emp_City, Emp_State, Emp_Zip,
Emp_Country, Emp_Phone, Emp_Status, Emp_DOB, Emp_HireDate, Emp_Type, Plant_ID)
Values('Margaux', 'Vango', '621 Weeping Birch Terrace', 'Spokane', 'WA', '99252', 'United
States', '509-776-8567', 'Active', '26-SEP-1987', '01-JAN-2018', 'Plant', 108);
INSERT INTO Employee(Emp_First, Emp_Last, Emp_Street, Emp_City, Emp_State, Emp_Zip,
Emp_Country, Emp_Phone, Emp_Status, Emp_DOB, Emp_HireDate, Emp_Type, Plant_ID)
Values('Storm', 'Price', '67601 Justice Rd', 'Cleaveland', 'OH', '44511', 'United States', '330-456-
8442', 'Inactive', '20-APR-1989', '04-JAN-2014', 'Sales', NULL);
INSERT INTO Employee(Emp_First, Emp_Last, Emp_Street, Emp_City, Emp_State, Emp_Zip,
Emp_Country, Emp_Phone, Emp_Status, Emp_DOB, Emp_HireDate, Emp_Type, Plant_ID)
Values('Martin', 'Crud', '240 Alley St', 'Saint Paul', 'MN', '55103', 'United States', '651-666-3152',
'Active', '30-MAY-1990', '01-DEC-2017', 'Sales', NULL );
INSERT INTO Employee(Emp_First, Emp_Last, Emp_Street, Emp_City, Emp_State, Emp_Zip,
Emp_Country, Emp_Phone, Emp_Status, Emp_DOB, Emp_HireDate, Emp_Type, Plant_ID)
Values('Ben', 'Kent', '412 Park Rd', 'Minneapolis', 'MN', '55402', 'United States', '616-989-7832',
'Active', '17-JUN-1985', '21-MAY-2002', 'Sales', NULL);
INSERT INTO Employee(Emp_First, Emp_Last, Emp_Street, Emp_City, Emp_State, Emp_Zip,
Emp_Country, Emp_Phone, Emp_Status, Emp_DOB, Emp_HireDate, Emp_Type, Plant_ID)
Values('Emily', 'Lantern', '9056 Maple Alley', 'Spokane', 'WA', '99215', 'United States', '509-743-
5451', 'Active', '01-DEC-2000', '11-DEC-2019', 'Sales', NULL);
INSERT INTO Employee(Emp_First, Emp_Last, Emp_Street, Emp_City, Emp_State, Emp_Zip,
Emp_Country, Emp_Phone, Emp_Status, Emp_DOB, Emp_HireDate, Emp_Type, Plant_ID)
Values('Wayne', 'Gutera', '8506 Sugar Bay Rd', 'Columbia', 'MO', '65218', 'United States', '573-
133-7000', 'Inactive', '17-OCT-1967', '20-FEB-1989', 'Sales', NULL);
INSERT INTO Employee(Emp_First, Emp_Last, Emp_Street, Emp_City, Emp_State, Emp_Zip,
Emp_Country, Emp_Phone, Emp_Status, Emp_DOB, Emp_HireDate, Emp_Type, Plant_ID)
Values('Amber', 'Johnny', '3668 Blueberry Hill', 'Charlotte', 'NC', '28230', 'United States', '704-555-
4008', 'Active', '09-AUG-1998', '01-JAN-2019', 'Sales', NULL);
INSERT INTO Employee(Emp_First, Emp_Last, Emp_Street, Emp_City, Emp_State, Emp_Zip,
Emp_Country, Emp_Phone, Emp_Status, Emp_DOB, Emp_HireDate, Emp_Type, Plant_ID)
Values('Hershe', 'Sland', '923 Sherry Way', 'Rochester', 'NY', '14683', 'United States', '585-327-
5123', 'Active', '13-NOV-1976', '01-JAN-1994', 'Sales', NULL);
INSERT INTO Employee(Emp_First, Emp_Last, Emp_Street, Emp_City, Emp_State, Emp_Zip,
Emp_Country, Emp_Phone, Emp_Status, Emp_DOB, Emp_HireDate, Emp_Type, Plant_ID)
Values('Dawn', 'Berlin', '111 Tank Plaza', 'New York City', 'NY', '10165', 'United States', '646-
612-3413', 'Active', '03-JAN-1964', '01-AUG-1989', 'Sales', NULL);
INSERT INTO Employee(Emp_First, Emp_Last, Emp_Street, Emp_City, Emp_State, Emp_Zip,
Emp_Country, Emp_Phone, Emp_Status, Emp_DOB, Emp_HireDate, Emp_Type, Plant_ID)
Values('Raymond', 'Sheron', '826 Penkse Avenue', 'Olympia', 'WA', '98516', 'United States',
'360-586-3209', 'Inactive', '02-MAR-1961', '29-MAY-2010', 'Sales', NULL);

```

```

INSERT INTO Employee(Emp_First, Emp_Last, Emp_Street, Emp_City, Emp_State, Emp_Zip,
Emp_Country, Emp_Phone, Emp_Status, Emp_DOB, Emp_HireDate, Emp_Type, Plant_ID)
Values('Mark', 'Yango', '621 Walrus Terrace', 'Spokane', 'WA', '99252', 'United States', '509-709-
8067', 'Active', '26-OCT-1987', '01-MAY-2018', 'Sales', NULL);
INSERT INTO Employee(Emp_First, Emp_Last, Emp_Street, Emp_City, Emp_State, Emp_Zip,
Emp_Country, Emp_Phone, Emp_Status, Emp_DOB, Emp_HireDate, Emp_Type, Plant_ID)
Values('Brady', 'Sartain', '49 Heath Pass', 'Youngstown', 'OH', '44511', 'United States', '691-534-
5820', 'Inactive', '20-APR-1979', '04-JAN-2004', 'Transportation', NULL);
INSERT INTO Employee(Emp_First, Emp_Last, Emp_Street, Emp_City, Emp_State, Emp_Zip,
Emp_Country, Emp_Phone, Emp_Status, Emp_DOB, Emp_HireDate, Emp_Type, Plant_ID)
Values('Jacob', 'Nuckolls', '43608 Westridge Crossing', 'Saint Paul', 'MN', '55103', 'United
States', '325-768-5150', 'Active', '30-APR-1990', '01-DEC-2018', 'Transportation', NULL);
INSERT INTO Employee(Emp_First, Emp_Last, Emp_Street, Emp_City, Emp_State, Emp_Zip,
Emp_Country, Emp_Phone, Emp_Status, Emp_DOB, Emp_HireDate, Emp_Type, Plant_ID)
Values('Grant', 'Goins', '2 Vera Park', 'Minneapolis', 'MN', '55402', 'United States', '444-161-
3435', 'Active', '17-SEP-1985', '21-MAY-2005', 'Transportation', NULL);
INSERT INTO Employee(Emp_First, Emp_Last, Emp_Street, Emp_City, Emp_State, Emp_Zip,
Emp_Country, Emp_Phone, Emp_Status, Emp_DOB, Emp_HireDate, Emp_Type, Plant_ID)
Values('Courtney', 'Sloan', '330 Westridge Court', 'Spokane', 'WA', '99215', 'United States', '821-
506-9916', 'Active', '01-JUL-2000', '11-NOV-2019', 'Transportation', NULL);
INSERT INTO Employee(Emp_First, Emp_Last, Emp_Street, Emp_City, Emp_State, Emp_Zip,
Emp_Country, Emp_Phone, Emp_Status, Emp_DOB, Emp_HireDate, Emp_Type, Plant_ID)
Values('Angelica', 'Souksavong', '2121 Burning Wood Pass', 'Columbia', 'MO', '65218', 'United
States', '471-702-1800', 'Inactive', '17-OCT-1968', '30-JAN-1989', 'Transportation', NULL);
INSERT INTO Employee(Emp_First, Emp_Last, Emp_Street, Emp_City, Emp_State, Emp_Zip,
Emp_Country, Emp_Phone, Emp_Status, Emp_DOB, Emp_HireDate, Emp_Type, Plant_ID)
Values('Grant', 'Wishart', '9 Eastwood Circle', 'Charlotte', 'NC', '28230', 'United States', '899-803-
2861', 'Active', '09-AUG-1999', '01-JAN-2019', 'Transportation', NULL);
INSERT INTO Employee(Emp_First, Emp_Last, Emp_Street, Emp_City, Emp_State, Emp_Zip,
Emp_Country, Emp_Phone, Emp_Status, Emp_DOB, Emp_HireDate, Emp_Type, Plant_ID)
Values('Kyle', 'Holland', '9 Lake View Point', 'Rochester', 'NY', '14683', 'United States', '449-984-
5479', 'Active', '13-FEB-1976', '01-JUN-1994', 'Transportation', NULL);
INSERT INTO Employee(Emp_First, Emp_Last, Emp_Street, Emp_City, Emp_State, Emp_Zip,
Emp_Country, Emp_Phone, Emp_Status, Emp_DOB, Emp_HireDate, Emp_Type, Plant_ID)
Values('Gavin', 'Davis', '68 Green Ridge Circle', 'New York City', 'NY', '10165', 'United States',
'291-950-6860', 'Active', '03-DEC-1964', '01-AUG-1988', 'Transportation', NULL);
INSERT INTO Employee(Emp_First, Emp_Last, Emp_Street, Emp_City, Emp_State, Emp_Zip,
Emp_Country, Emp_Phone, Emp_Status, Emp_DOB, Emp_HireDate, Emp_Type, Plant_ID)
Values('Elizabeth', 'Durfee', '7 Village Green Point', 'Olympia', 'WA', '98516', 'United States',
'621-661-7292', 'Inactive', '02-MAR-1960', '29-APR-2010', 'Transportation', NULL);
INSERT INTO Employee(Emp_First, Emp_Last, Emp_Street, Emp_City, Emp_State, Emp_Zip,
Emp_Country, Emp_Phone, Emp_Status, Emp_DOB, Emp_HireDate, Emp_Type, Plant_ID)
Values('Enic', 'Brock', '7 Mifflin Avenue', 'Spokane', 'WA', '99252', 'United States', '555-534-
8002', 'Active', '26-SEP-1987', '01-JAN-2018', 'Transportation', NULL);

```

```

CREATE TABLE Completion(
    Completion_ID INT NOT NULL IDENTITY PRIMARY KEY,
    Completion_Date DATE,
    Plant_ID INT NOT NULL,
    O_Material_ID INT NOT NULL,
    CONSTRAINT CompletionPlant_Plant_ID_FK FOREIGN KEY(Plant_ID)
    REFERENCES Plant(Plant_ID),
    CONSTRAINT CompletionMadeToOrder_O_Material_ID_FK
    FOREIGN KEY(O_Material_ID) REFERENCES Made To Order(O_Material_ID));

```

```

Insert Into Completion(Completion_Date, Plant_ID, O_Material_ID) Values ('03-AUG-2015',100,9);

```

```

Insert Into Completion(Completion_Date, Plant_ID, O_Material_ID) Values ('31-JAN-2018',101,17);

```

```

Insert Into Completion(Completion_Date, Plant_ID, O_Material_ID) Values ('01-APR-2017',102,18);

```

```

Insert Into Completion(Completion_Date, Plant_ID, O_Material_ID) Values ('09-NOV-2019',103,20);

```

```

Insert Into Completion(Completion_Date, Plant_ID, O_Material_ID) Values ('22-SEP-2016',104,25);

```

```

Insert Into Completion(Completion_Date, Plant_ID, O_Material_ID) Values ('31-OCT-2018',105,26);

```

```

Insert Into Completion(Completion_Date, Plant_ID, O_Material_ID) Values ('04-DEC-2014',106,27);

```

```

Insert Into Completion(Completion_Date, Plant_ID, O_Material_ID) Values ('05-JAN-2018',107,28);

```

```

Insert Into Completion(Completion_Date, Plant_ID, O_Material_ID) Values ('11-SEP-2017',108,29);

```

```

Insert Into Completion(Completion_Date, Plant_ID, O_Material_ID) Values ('01-SEP-2017',109,30);

```

```

CREATE TABLE C02_Report(
    ReportID INT NOT NULL IDENTITY PRIMARY KEY,
    Report_Date DATE,
    Efficiency_Metric DECIMAL(15,0),
    Report_Notes VARCHAR(250),
    Efficiency_Rating VARCHAR(2),

```

```
Plant_ID INT NOT NULL,  
    CONSTRAINT Co2Plant_Plant_ID FOREIGN KEY(Plant_ID) REFERENCES  
    Plant(Plant_ID)) ;
```

```
Insert INTO CO2_Report (Report_Date, Efficiency_Metric, Report_Notes, Efficiency_Rating,  
Plant_ID) Values ('01-JAN-2005', 1, 'Emmission score is superior', 10, 100);  
Insert INTO CO2_Report (Report_Date, Efficiency_Metric, Report_Notes, Efficiency_Rating,  
Plant_ID) Values ('01-MAR-2010', 2, 'Emmissions are three times above the limit again. Plant  
will close if not fixed', 1, 101);  
Insert INTO CO2_Report (Report_Date, Efficiency_Metric, Report_Notes, Efficiency_Rating,  
Plant_ID) Values ('01-FEB-2012', 3, 'Average in industry. Dont let rating drop.', 5, 102);  
Insert INTO CO2_Report (Report_Date, Efficiency_Metric, Report_Notes, Efficiency_Rating,  
Plant_ID) Values ('01-DEC-1999', 4, 'Superb in most areas of plant.', 8, 103);  
Insert INTO CO2_Report (Report_Date, Efficiency_Metric, Report_Notes, Efficiency_Rating,  
Plant_ID) Values ('01-NOV-2009', 5, 'Poor in most places', 3, 104);  
Insert INTO CO2_Report (Report_Date, Efficiency_Metric, Report_Notes, Efficiency_Rating,  
Plant_ID) Values ('01-OCT-2019', 6, 'Great in some areas. Poor in others', 4, 105);  
Insert INTO CO2_Report (Report_Date, Efficiency_Metric, Report_Notes, Efficiency_Rating,  
Plant_ID) Values ('01-JUL-2011', 7, 'Great in one area, poor in rest.' , 2, 106);  
Insert INTO CO2_Report (Report_Date, Efficiency_Metric, Report_Notes, Efficiency_Rating,  
Plant_ID) Values ('01-JUN-2017', 8, 'Slightly above average across the board', 6, 107);  
Insert INTO CO2_Report (Report_Date, Efficiency_Metric, Report_Notes, Efficiency_Rating,  
Plant_ID) Values ('01-MAY-2004', 9, 'Above average across the board', 7, 108);  
Insert INTO CO2_Report (Report_Date, Efficiency_Metric, Report_Notes, Efficiency_Rating,  
Plant_ID) Values ('01-APR-2013', 10, 'Almost perfect except for one minor infraction that is easy  
to fix', 9, 109);
```

```
CREATE TABLE Orders (  
    Order_ID INT NOT NULL IDENTITY (10000000,1) PRIMARY KEY,  
    Order_Date DATE,  
    Cust_ID INT NOT NULL,  
    S_Emp_ID INT NOT NULL,  
    T_Emp_ID INT NOT NULL  
    CONSTRAINT OrderCustomer_Cust_ID_FK FOREIGN KEY(Cust_ID)  
    REFERENCES Customer(Cust_ID),  
    CONSTRAINT OrderSalesTeam_S_Emp_ID_FK FOREIGN KEY(S_Emp_ID)  
    REFERENCES Sales Team(S_Emp_ID),  
    CONSTRAINT OrderTranspoTeam_T_Emp_ID FOREIGN KEY(T_Emp_ID)
```

REFERENCES Transportation Team(T\_Emp\_ID));

```
INSERT INTO Orders(Order_Date,Cust_ID,S_Emp_ID, T_Emp_ID)
Values('25-JUL-2015',100000,100000017,100000031);
INSERT INTO Orders(Order_Date,Cust_ID,S_Emp_ID, T_Emp_ID)
Values('10-JAN-2018',100001,100000018,100000032);
INSERT INTO Orders(Order_Date,Cust_ID,S_Emp_ID, T_Emp_ID)
Values('09-FEB-2017',100002,100000019,100000033);
INSERT INTO Orders(Order_Date,Cust_ID,S_Emp_ID, T_Emp_ID)
Values('01-OCT-2019',100003,100000020,100000034);
INSERT INTO Orders(Order_Date,Cust_ID,S_Emp_ID, T_Emp_ID)
Values('29-JUN-2016',100004,100000024,100000035);
INSERT INTO Orders(Order_Date,Cust_ID,S_Emp_ID, T_Emp_ID)
Values('11-NOV-2014',100005,100000025,100000036);
INSERT INTO Orders(Order_Date,Cust_ID,S_Emp_ID, T_Emp_ID)
Values('28-DEC-2018',100006,100000026,100000037);
INSERT INTO Orders(Order_Date,Cust_ID,S_Emp_ID, T_Emp_ID)
Values('24-AUG-2017',100007,100000027,100000038);
INSERT INTO Orders(Order_Date,Cust_ID,S_Emp_ID, T_Emp_ID)
Values('29-AUG-2017',100008,100000028,100000039);
INSERT INTO Orders(Order_Date,Cust_ID,S_Emp_ID, T_Emp_ID)
Values('31-OCT-2019',100009,100000030,100000040);
```

```
CREATE TABLE Shipment(
    Ship_ID INT NOT NULL IDENTITY PRIMARY KEY,
    Ship_Type VARCHAR(20),
    Ship_Date DATE,
    Planned_Arrival DATE,
    Carrier_ID INT NOT NULL IDENTITY FOREIGN KEY,
    Order_ID INT NOT NULL IDENTITY FOREIGN KEY,
    Plant_ID INT NOT NULL IDENTITY FOREIGN KEY),
    CONSTRAINT ShipmentCarrier_Carrier_ID_FK FOREIGN KEY(Carrier_ID)
    REFERENCES Carrier(Carrier_ID),
    CONSTRAINT ShipmentOrder_Order_ID_FK FOREIGN KEY(Order_ID)
    REFERENCES Order(Order_ID),
    CONSTRAINT ShipmentPlant_Plant_ID_FK FOREIGN KEY(Plant_ID)
    REFERENCES Plant(Plant_ID)
);
```

```

INSERT INTO SHIPMENT (Ship_Type, Ship_Date, Planned_Arrival, Carrier_ID, Order_ID,
Plant_ID) Values ('Overnight', '02-MAR-2016', '03-MAR-2016', 1, 10000000 , 100)
INSERT INTO SHIPMENT (Ship_Type, Ship_Date, Planned_Arrival, Carrier_ID, Order_ID,
Plant_ID) Values ('Two-Day', '18-MAY-2018', '20-MAY-2018', 2, 10000001, 108)
INSERT INTO SHIPMENT (Ship_Type, Ship_Date, Planned_Arrival, Carrier_ID, Order_ID,
Plant_ID) Values ('3-5 Business Days', '12-NOV-2019', '16-NOV-2019', 3, 10000002, 101)
INSERT INTO SHIPMENT (Ship_Type, Ship_Date, Planned_Arrival, Carrier_ID, Order_ID,
Plant_ID) Values ('Two-Day', '07-DEC-2015', '09-DEC-2015', 5, 10000003, 102)
INSERT INTO SHIPMENT (Ship_Type, Ship_Date, Planned_Arrival, Carrier_ID, Order_ID,
Plant_ID) Values ('3-5 Business Days', '12-AUG-2019', '17-AUG-2019', 6, 10000004, 103)
INSERT INTO SHIPMENT (Ship_Type, Ship_Date, Planned_Arrival, Carrier_ID, Order_ID,
Plant_ID) Values ('Overnight', '19-JAN-2012', '20-JAN-2012', 7, 10000005, 104)
INSERT INTO SHIPMENT (Ship_Type, Ship_Date, Planned_Arrival, Carrier_ID, Order_ID,
Plant_ID) Values ('3-5 Business Days', '01-JUN-2017', '06-JUN-2017', 8, 10000006, 105)
INSERT INTO SHIPMENT (Ship_Type, Ship_Date, Planned_Arrival, Carrier_ID, Order_ID,
Plant_ID) Values ('Two-Day', '22-JUL-2019', '24-JUL-2019', 9, 10000007, 106)
INSERT INTO SHIPMENT (Ship_Type, Ship_Date, Planned_Arrival, Carrier_ID, Order_ID,
Plant_ID) Values ('3-5 Business Days', '11-OCT-2014', '15-OCT-2014', 10, 10000008, 107)
INSERT INTO SHIPMENT (Ship_Type, Ship_Date, Planned_Arrival, Carrier_ID, Order_ID,
Plant_ID) Values ('Overnight', '21-APR-2019', '22-APR-2019', 11, 10000009, 109)

```

```

CREATE TABLE Certificate (
Certification_ID INT NOT NULL IDENTITY (100000,1) PRIMARY KEY,
Date_Completed DATE,
Emp_ID INT NOT NULL,
Prog_ID INT NOT NULL,
        CONSTRAINT CertEmployee_Emp_ID_FK FOREIGN KEY (Emp_ID) REFERENCES
        Employee(Emp_ID)
        CONSTRAINT CertProgram_Prog_ID_FK FOREIGN KEY (Prog_ID) REFERENCES
        Program(Prog_ID));

```

```

Insert Into Certificate (Date_Completed, Emp_ID, Prog_ID) Values ('30-JAN-
2005',100000000,100002);
Insert Into Certificate (Date_Completed, Emp_ID, Prog_ID) Values ('21-MAR-
2009',100000000,100003);
Insert Into Certificate (Date_Completed, Emp_ID, Prog_ID) Values ('01-NOV-
2011',100000002,100008);
Insert Into Certificate (Date_Completed, Emp_ID, Prog_ID) Values ('01-SEP-
1990',100000004,100000);
Insert Into Certificate (Date_Completed, Emp_ID, Prog_ID) Values ('05-OCT-
2019',100000005,100004);

```

```
Insert Into Certificate (Date_Completed, Emp_ID, Prog_ID) Values ('14-JUN-1999',100000006,100005);
Insert Into Certificate (Date_Completed, Emp_ID, Prog_ID) Values ('18-AUG-2002',100000007,100009);
Insert Into Certificate (Date_Completed, Emp_ID, Prog_ID) Values ('01-JAN-2015',100000008,100000);
Insert Into Certificate (Date_Completed, Emp_ID, Prog_ID) Values ('05-FEB-2019',100000009,100001);
Insert Into Certificate (Date_Completed, Emp_ID, Prog_ID) Values ('30-APR-2018',100000007,100007);
```

Sales Team (  
S\_Emp\_ID

```
insert into sales_team (S_emp_id) Values(100000017);
insert into sales_team (S_emp_id)Values(100000020);
insert into sales_team (S_emp_id)Values(100000024);
insert into sales_team (S_emp_id)Values(100000025);
insert into sales_team (S_emp_id)Values(100000026);
insert into sales_team (S_emp_id)Values(100000027);
insert into sales_team (S_emp_id)Values(100000028);
insert into sales_team (S_emp_id)Values(100000030);
insert into sales_team (S_emp_id)Values(100000018);
insert into sales_team (S_emp_id)Values(100000019);
```

Transportation Team (  
T\_Emp\_ID

```
insert into Transportation_Team (T_emp_id) Values(100000031);
insert into Transportation_Team (T_emp_id)Values(100000032);
insert into Transportation_Team (T_emp_id)Values(100000033);
insert into Transportation_Team (T_emp_id)Values(100000034);
insert into Transportation_Team (T_emp_id)Values(100000035);
insert into Transportation_Team (T_emp_id)Values(100000036);
insert into Transportation_Team (T_emp_id)Values(100000037);
insert into Transportation_Team (T_emp_id)Values(100000038);
insert into Transportation_Team (T_emp_id)Values(100000039);
insert into Transportation_Team (T_emp_id)Values(100000040);
```



```

CREATE TABLE Order Line (
OL_ID INT NOT NULL IDENTITY (100000,1) PRIMARY KEY,
Qty_Ordered DEC(6,0),
Item_ID INT NOT NULL,
Order_ID INT NOT NULL,
    CONSTRAINT OrderLineItem_Item_ID_FK FOREIGN KEY(Item_ID) REFERENCES
    Item(Item_ID)
    CONSTRAINT OrderLineOrder_Order_ID_FK FOREIGN KEY(Order_ID)
    REFERENCES Order(Order_ID));

```

```

INSERT INTO Order_Line(Qty_Ordered,Item_ID,Order_ID) VALUES(24,1,10000009);
INSERT INTO Order_Line(Qty_Ordered,Item_ID,Order_ID) VALUES(89,2,10000008);
INSERT INTO Order_Line(Qty_Ordered,Item_ID,Order_ID) VALUES(13,3,10000007);
INSERT INTO Order_Line(Qty_Ordered,Item_ID,Order_ID) VALUES(19,4,10000006);
INSERT INTO Order_Line(Qty_Ordered,Item_ID,Order_ID) VALUES(33,5,10000005);
INSERT INTO Order_Line(Qty_Ordered,Item_ID,Order_ID) VALUES(75,6,10000004);
INSERT INTO Order_Line(Qty_Ordered,Item_ID,Order_ID) VALUES(90,7,10000003);
INSERT INTO Order_Line(Qty_Ordered,Item_ID,Order_ID) VALUES(56,8,10000002);
INSERT INTO Order_Line(Qty_Ordered,Item_ID,Order_ID) VALUES(82,9,10000001);
INSERT INTO Order_Line(Qty_Ordered,Item_ID,Order_ID) VALUES(67,10,10000000);

```

```

Create OL Status (
OL_Status_ID INT NOT NULL IDENTITY (10000,1) PRIMARY KEY,
Date DATE,
Name VARCHAR(20) NOT NULL,
OL_ID INT NOT NULL,
Order_Status_ID INT NOT NULL,
    CONSTRAINT OLStatus_OrderLine_OL_ID_FK FOREIGN KEY(OL_ID)
    REFERENCES Order Line(OL_ID),
    CONSTRAINT OLStatusOrderStatus_Order_Status_ID_FK FOREIGN
    KEY(Order_Status_ID) REFERENCES Order Status(Order_Status_ID));

```

```

INSERT INTO OL_Status (Date, Name, OL_ID, Order_Status_ID) Values ( '03-MAR-2016',
'Complete', 100010, 100000);
INSERT INTO OL_Status (Date, Name, OL_ID, Order_Status_ID) Values ('19-MAY-2018', 'In-
Progress', 100011, 100001);

```

```

INSERT INTO OL_Status (Date, Name, OL_ID, Order_Status_ID) Values ( '14-NOV-2019', 'In-
Progress', 100012, 100002);
INSERT INTO OL_Status (Date, Name, OL_ID, Order_Status_ID) Values ('08-DEC-2015',
'Complete', 100013, 100003);
INSERT INTO OL_Status (Date, Name, OL_ID, Order_Status_ID) Values ('14-AUG-2019', 'In-
Progress', 100014, 100004);
INSERT INTO OL_Status (Date, Name, OL_ID, Order_Status_ID) Values ('20-JAN-2012',
'Complete', 100016, 100005);
INSERT INTO OL_Status (Date, Name, OL_ID, Order_Status_ID) Values ( '02-JUN-2017', 'In-
Progress', 100015, 100006);
INSERT INTO OL_Status (Date, Name, OL_ID, Order_Status_ID) Values ( '23-JUL-2019', 'In-
Progress', 100017, 100007);
INSERT INTO OL_Status (Date, Name, OL_ID, Order_Status_ID) Values ('15-OCT-2014',
'Complete', 100018, 100008);
INSERT INTO OL_Status (Date, Name, OL_ID, Order_Status_ID) Values ( '22-APR-2019',
'Complete', 100021, 100009);

```

```

CREATE TABLE Storage (
Storage_ID INT NOT NULL IDENTITY (100000,1) PRIMARY KEY,
Qty_on_Hand DEC(6,0),
Qty_on_Order DEC(6,0),
Qty_on_BO DEC(6,0),
Reorder_Point DEC(6,0),
Plant_ID INT NOT NULL,
Item_ID INT NOT NULL,
        CONSTRAINT StoragePlant_Plant_ID_FK FOREIGN KEY(Plant_ID)
        REFERENCES Plant(Plant_ID),
        CONSTRAINT StorageItem_Item_ID_FK FOREIGN KEY(Item_ID)
        REFERENCES Item(Item_ID));

```

```

INSERT INTO Storage(Qty_on_Hand, Qty_on_Order, Qty_on_BO, Reorder_Point, Plant_ID,
Item_ID) VALUES (1268, 1000, 0, 750, 101, 2)
INSERT INTO Storage(Qty_on_Hand, Qty_on_Order, Qty_on_BO, Reorder_Point, Plant_ID,
Item_ID) VALUES (420, 400, 400, 200, 101, 3)
INSERT INTO Storage(Qty_on_Hand, Qty_on_Order, Qty_on_BO, Reorder_Point, Plant_ID,
Item_ID) VALUES (552, 200, 0, 150, 102, 1)

```

```

INSERT INTO Storage(Qty_on_Hand, Qty_on_Order, Qty_on_BO, Reorder_Point, Plant_ID,
Item_ID) VALUES (1421, 800, 0, 750, 108, 5)
INSERT INTO Storage(Qty_on_Hand, Qty_on_Order, Qty_on_BO, Reorder_Point, Plant_ID,
Item_ID) VALUES (1957, 1500, 600, 900, 106, 4)
INSERT INTO Storage(Qty_on_Hand, Qty_on_Order, Qty_on_BO, Reorder_Point, Plant_ID,
Item_ID) VALUES (1202, 400, 500, 800, 105, 7)
INSERT INTO Storage(Qty_on_Hand, Qty_on_Order, Qty_on_BO, Reorder_Point, Plant_ID,
Item_ID) VALUES (1111, 700, 0, 500, 101, 6)
INSERT INTO Storage(Qty_on_Hand, Qty_on_Order, Qty_on_BO, Reorder_Point, Plant_ID,
Item_ID) VALUES (1818, 1500, 1000, 1000, 102, 8)
INSERT INTO Storage(Qty_on_Hand, Qty_on_Order, Qty_on_BO, Reorder_Point, Plant_ID,
Item_ID) VALUES (150, 125, 50, 100, 103, 10)
INSERT INTO Storage(Qty_on_Hand, Qty_on_Order, Qty_on_BO, Reorder_Point, Plant_ID,
Item_ID) VALUES (875, 500, 0, 350, 107, 9)

```

```

CREATE TABLE Composition (
Composition_ID INT NOT NULL IDENTITY (100000,1) PRIMARY KEY,
Material_ID INT NOT NULL,
Roll_ID INT NOT NULL,
        CONSTRAINT CompositionMaterial_Material_ID FOREIGN KEY(Material_ID)
        REFERENCES Material(Material_ID),
        CONSTRAINT CompositionMerchandise_Roll_ID FOREIGN KEY(Roll_ID)
        REFERENCES Merchandise(Roll_ID));

```

```

INSERT INTO Composition(Material_ID,Roll_ID) Values(2,1);
INSERT INTO Composition(Material_ID,Roll_ID) Values(4,3);
INSERT INTO Composition(Material_ID,Roll_ID) Values(6,5);
INSERT INTO Composition(Material_ID,Roll_ID) Values(7,8);
INSERT INTO Composition(Material_ID,Roll_ID) Values(10,11);
INSERT INTO Composition(Material_ID,Roll_ID) Values(18,12);
INSERT INTO Composition(Material_ID,Roll_ID) Values(17,13);
INSERT INTO Composition(Material_ID,Roll_ID) Values(20,14);
INSERT INTO Composition(Material_ID,Roll_ID) Values(25,15);
INSERT INTO Composition(Material_ID,Roll_ID) Values(26,16);

```

```

CREATE TABLE Delivery (
Delivery_ID INT NOT NULL IDENTITY (1000000000,1) PRIMARY KEY,
Container_ID VARCHAR(6),
Exp_Delivery_Date DATE,

```

```
Ship_ID INT NOT NULL,  
    CONSTRAINT DeliveryShipment_Ship_ID_FK FOREIGN KEY(Ship_ID)  
    REFERENCES Shipment(Ship_ID));
```

```
INSERT INTO Delivery (Container_ID, Exp_Delivery_Date, Ship_ID) Values (1, '03-MARCH-  
2016', 1);  
INSERT INTO Delivery (Container_ID, Exp_Delivery_Date, Ship_ID) Values (2, '19-MAY-2018',  
2);  
INSERT INTO Delivery (Container_ID, Exp_Delivery_Date, Ship_ID) Values (3, '14-NOV-2019',  
3);  
INSERT INTO Delivery (Container_ID, Exp_Delivery_Date, Ship_ID) Values (4, '08-DEC-2019',  
4);  
INSERT INTO Delivery (Container_ID, Exp_Delivery_Date, Ship_ID) Values (5, '16-AUGUST-  
2019', 5);  
INSERT INTO Delivery (Container_ID, Exp_Delivery_Date, Ship_ID) Values (6, '20-JANUARY-  
2012', 6);  
INSERT INTO Delivery (Container_ID, Exp_Delivery_Date, Ship_ID) Values (7, '04-JUNE-  
2017',7);  
INSERT INTO Delivery (Container_ID, Exp_Delivery_Date, Ship_ID) Values (8, '23-JULY-2019',  
8);  
INSERT INTO Delivery (Container_ID, Exp_Delivery_Date, Ship_ID) Values (9, '13-OCT-2014',  
9);  
INSERT INTO Delivery (Container_ID, Exp_Delivery_Date, Ship_ID) Values (10, '22-APR-  
2019', 10);
```

```
CREATE TABLE Load (  
Load_ID INT NOT NULL IDENTITY (1000000000,1) PRIMARY KEY,  
Date DATE,  
Ship_Status_ID INT NOT NULL,  
Shipment_ID INT NOT NULL,  
    CONSTRAINT LoadShipStatus_Ship_Status_ID_FK FOREIGN KEY(Ship_Status_ID)  
    REFERENCES Ship_Status(Ship_Status_ID),  
    CONSTRAINT LoadShipment_Ship_ID_FK FOREIGN KEY(Ship_ID) REFERENCES  
    Shipment(Ship_ID));
```

```
INSERT INTO Load(Date, Ship_Status_ID, Ship_ID) VALUES ('09-JAN-2019', 1 , 3);  
INSERT INTO Load(Date, Ship_Status_ID, Ship_ID) VALUES ('06-MAR-2019', 2 , 1);  
INSERT INTO Load(Date, Ship_Status_ID, Ship_ID) VALUES ('03-MAR-2019', 3, 4);  
INSERT INTO Load(Date, Ship_Status_ID, Ship_ID) VALUES ('09-JAN-2019', 4 , 7);  
INSERT INTO Load(Date, Ship_Status_ID, Ship_ID) VALUES ('09-JAN-2019', 5 , 10);  
INSERT INTO Load(Date, Ship_Status_ID, Ship_ID) VALUES ('09-JAN-2019', 6 , 3);  
INSERT INTO Load(Date, Ship_Status_ID, Ship_ID) VALUES ('09-JAN-2019', 7 , 2);
```

```
INSERT INTO Load(Date, Ship_Status_ID, Ship_ID) VALUES ('09-JAN-2019', 8 , 9);
INSERT INTO Load(Date, Ship_Status_ID, Ship_ID) VALUES ('09-JAN-2019', 9 , 6);
INSERT INTO Load(Date, Ship_Status_ID, Ship_ID) VALUES ('09-JAN-2019', 10, 5);
```

```
CREATE TABLE Non-Compliance (
Principle_ID INT NOT NULL IDENTITY (1000000000,1) PRIMARY KEY,
Principle_Name VARCHAR(40),
NC_Date DATE,
Carrier_ID INT NOT NULL,
CONSTRAINT NoncomplianceCarrier_Carrier_ID_FK FOREIGN KEY(Carrier_ID)
REFERENCES Carrier(Carrier_ID));
```

```
INSERT INTO Non_Compliance(Principle_Name, NC_Date, Carrier_ID) VALUES
('Accountability','02-MAR-2010',3)
```

```
INSERT INTO Non_Compliance(Principle_Name, NC_Date, Carrier_ID) VALUES
('Labor & Human Rights','09-MAR-2017',2)
```

```
INSERT INTO Non_Compliance(Principle_Name, NC_Date, Carrier_ID) VALUES
('Accountability','07-FEB-2001', 2)
```

```
INSERT INTO Non_Compliance(Principle_Name, NC_Date, Carrier_ID) VALUES
('Accountability','18-JUL-1989', 1)
```

```
INSERT INTO Non_Compliance(Principle_Name, NC_Date, Carrier_ID) VALUES
('Health, Safety & Environment','18-SEP-1999',5)
```

```
INSERT INTO Non_Compliance(Principle_Name, NC_Date, Carrier_ID) VALUES
('Business Conduct & Ethics', '29-JAN-2018', 6)
```

```
INSERT INTO Non_Compliance(Principle_Name, NC_Date, Carrier_ID) VALUES
('Business Conduct & Ethics', '01-JAN-2000', 7)
```

```
INSERT INTO Non_Compliance(Principle_Name, NC_Date, Carrier_ID) VALUES
('Accountability','01-FEB-2019',9)
```

```
INSERT INTO Non_Compliance(Principle_Name, NC_Date, Carrier_ID) VALUES
('Accountability','22-JAN-2018',3)
```

```
INSERT INTO Non_Compliance(Principle_Name, NC_Date, Carrier_ID) VALUES
('Health, Safety & Environment', '09-MAR-2000',10)
```

