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Group Information

Jinpyo Ju / ID: wiredbs301\_193f13 / 24493246 / NEF

Taewoo Han/ ID: dbs301\_193e09 / 21144495 / NEF

Rodrigo Piedade / ID : dbs301\_193f26 / 19746450 / NEF

Carlos Falconett/ ID: dbs301\_193f08/ 140845181 / NEF

Xiang Wu/ID: dbs301\_193f33/ 140852187 / NEF

Gangyeon Lee / ID: dbs301\_193e35 / NEF

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CREATE TABLE COUNTRY(

country\_cd char(4) primary key,

country varchar2(40) not null

);

CREATE TABLE Branches(

branch\_cd char(4) primary key,

branch varchar(20) not null

);

CREATE TABLE CUSTOMERS(

cust\_no integer primary key,

customer varchar2(30) not null,

site\_no char(1) not null,

country\_cd char(4) not null,

branch\_cd char(4) not null,

address1 varchar2(35) not null,

    address2 varchar2(35),

city varchar2(20) not null,

prov\_state varchar2(20),

post\_zip varchar2(20) not null,

phone\_no varchar2(20) not null,

fax\_no varchar2(20) not null,

contact varchar2(25) not null

);

CREATE TABLE REPS(

rep\_no integer primary key,

rep\_name varchar2(25) not null,

sales\_2018 decimal(9,2) not null

);

CREATE TABLE ORDERS(

order\_no integer primary key,

rep\_no integer not null,

cust\_no integer not null,

order\_dt char(11) not null,

channel varchar2(15) not null,

comments varchar2(30)

);

CREATE TABLE ORDERLINES(

order\_no integer not null,

line\_no integer not null,

prod\_no integer not null,

price decimal(5,2),

qty integer,

CONSTRAINT orderlines\_orderNo\_prodNo\_pk primary key(order\_no,prod\_no)

);

CREATE TABLE PRODUCTS(

prod\_no integer primary key,

prod\_line varchar2(20) not null,

prod\_type varchar2(20) not null,

product varchar2(30) not null,

prod\_cost decimal(5,2),

prod\_price decimal(5,2),

status char(1),

picture varchar2(10)

);

CREATE TABLE SUPPLIER(

supplier\_id integer primary key,

supplier\_name varchar2(50) not null,

supplier\_street varchar2(50) not null,

supplier\_city varchar2(25) not null,

    supplier\_postal\_zip varchar2(20) not null,

supplier\_sales\_rep varchar2(50),

supplier\_phone varchar2(21) not null,

supplier\_terms varchar2(20) not null

);

ALTER TABLE customers ADD CONSTRAINT cust\_country\_cd\_fk foreign key (country\_cd) references country(country\_cd);

ALTER TABLE customers ADD CONSTRAINT cust\_branch\_cd\_fk foreign key (branch\_cd) references Branches(branch\_cd);

ALTER TABLE orders ADD CONSTRAINT orders\_cust\_no\_fk foreign key (cust\_no) references CUSTOMERS(cust\_no);

ALTER TABLE orders ADD CONSTRAINT orders\_rep\_no\_fk foreign key (rep\_no) references reps(rep\_no);

ALTER TABLE ORDERLINES ADD CONSTRAINT ORDERL\_order\_no\_fk foreign key(order\_no) references orders(order\_no);

ALTER TABLE ORDERLINES ADD CONSTRAINT ORDERL\_prod\_no\_fk foreign key(prod\_no) references products(prod\_no);

INSERT ALL

INTO country VALUES('CAN', 'Canada')

INTO country VALUES('USA', 'United States')

INTO country VALUES('AUS', 'Australia')

INTO country VALUES('BEL', 'Belgium')

INTO country VALUES('BRA', 'Brazil')

INTO country VALUES('CHI', 'Chile')

INTO country VALUES('CHN', 'China')

INTO country VALUES('JAP', 'Japan')

INTO country VALUES('KOR', 'South Korea')

INTO country VALUES('MEX', 'Mexico')

select 1 from dual;

INSERT ALL

INTO branches VALUES('MTL', 'Montreal, Que')

INTO branches VALUES('BOS', 'Boston, MA')

INTO branches VALUES('VAN', 'Vancouver, BC')

INTO branches VALUES('SFR', 'San Fran., CA')

INTO branches VALUES('TOR', 'Toronto, Ont')

INTO branches VALUES('CHG', 'Chicago, IL')

INTO branches VALUES('DAL', 'Dallas, TX')

INTO branches VALUES('DEN', 'Denver, CO')

INTO branches VALUES('FRNK', 'Frankfurt, Ger')

INTO branches VALUES('LA', 'Los Angeles, CA')

select 1 from dual;

INSERT ALL

INTO customers VALUES(1000, 'Go Outlet Montrel 1', '1', 'CAN', 'MTL', '500 Place d`Armes', 'Suite 1061', 'Montreal', 'Quebec', 'H2Y 2W2', '5142780993', '5142789000', 'Martine Vachon')

INTO customers VALUES(1001, 'GO Outlet Montreal 2', '2', 'CAN', 'MTL', '500 Piux IX', NULL, 'Montreal', 'Quebec', 'H2Y 2B2', '5142220993', '5142229000', 'Paul Martin')

INTO customers VALUES(1002, 'Ultra Sports 5', '1', 'USA', 'BOS', '4770 Duke Drive', 'Suite 201', 'Boston', 'Massachusetts', '01803-5235', '6174450917', '6172330762', 'Martha Burke')

INTO customers VALUES(1003, 'Vacation Central 5', '1', 'CAN', 'VAN', '1166 Alberi Street', 'Suite 1505', 'Burnaby', 'British Columbia', 'V6E 3Z3', '6046820446', '6046823005', 'Jeffrey Vales')

INTO customers VALUES(1004, 'Mountain Madness 5', '1', 'USA', 'SFR', '45 Stateside Gardens', 'Main Floor', 'San Francisco', 'California', '90288-1277', '4153851634', '4153851275', 'Janet Harrison')

INTO customers VALUES(1005, 'GO Outlet Boston', '1', 'USA', 'BOS', '453 Old Creek Road', '12th Floor', 'Boston', 'Massachusetts', '01803-6540', '6175552345', '6175553453', 'Donald Taylor')

select 1 from dual;

INSERT INTO customers values(1006,'Bergsteiger G.m.b.H.','3','CAN','MTL','L0yoner Strasse 14',null,'Frankfurt',null,'60386','49696666802','49696661061','Wolfgang Steinhammer');

INSERT INTO customers values(1007,'Backwoods Equipment(Rom)','5','USA','BOS','1020 Pacific Highway','Suite 118','Sydney','NSW','2255','6124778899','6124331542','Jake Jenkins');

INSERT INTO customers values(1008,'Botanechi K.K.','5','USA','BOS','60F Green Life Building','2-21-12 Sasazuka','Tokyo',null,'151','81353900600','81353115403','Shujimo Yamataki');

INSERT INTO customers values(1038,'GO Outlet Kista AB','5','CAN','MTL','V0illagatan 45 II',null,'Stockholm',null,'114 57','468663442','468666775','Kirsten Johannsson');

INSERT ALL

INTO REPS (REP\_NO, REP\_NAME, SALES\_2018) VALUES(1, 'Bjorn Flertjan', 30602)

INTO REPS (REP\_NO, REP\_NAME, SALES\_2018) VALUES(3, 'Gus Grovlin', 59996)

INTO REPS (REP\_NO, REP\_NAME, SALES\_2018) VALUES(4, 'Bill Smertal', 28707)

INTO REPS (REP\_NO, REP\_NAME, SALES\_2018) VALUES(5, 'Dave Mustaine', 42624)

INTO REPS (REP\_NO, REP\_NAME, SALES\_2018) VALUES(6, 'Henry Harve', 28683)

INTO REPS (REP\_NO, REP\_NAME, SALES\_2018) VALUES(7, 'Henri LeDuce', 47218)

INTO REPS (REP\_NO, REP\_NAME, SALES\_2018) VALUES(9, 'Kurt Gruber', 71753)

INTO REPS (REP\_NO, REP\_NAME, SALES\_2018) VALUES(11, 'Miguel Sanchez', 71733)

INTO REPS (REP\_NO, REP\_NAME, SALES\_2018) VALUES(12, 'Dan Chancevente', 7876)

INTO REPS (REP\_NO, REP\_NAME, SALES\_2018) VALUES(14, 'Greg Torson', 23156)

INTO REPS (REP\_NO, REP\_NAME, SALES\_2018) VALUES(15, 'Chris Cornel', 12787)

INTO REPS (REP\_NO, REP\_NAME, SALES\_2018) VALUES(16, 'Bill Gibbons', 54675)

INTO REPS (REP\_NO, REP\_NAME, SALES\_2018) VALUES(17, 'Russ Pallomine', 0)

INTO REPS (REP\_NO, REP\_NAME, SALES\_2018) VALUES(18, 'Lyn Jacobs', 46739)

INTO REPS (REP\_NO, REP\_NAME, SALES\_2018) VALUES(19, 'Sally Strandherst', 37861)

INTO REPS (REP\_NO, REP\_NAME, SALES\_2018) VALUES(21, 'Thomas Brigade', 26258)

INTO REPS (REP\_NO, REP\_NAME, SALES\_2018) VALUES(22, 'Jane Litrand', 36390)

INTO REPS (REP\_NO, REP\_NAME, SALES\_2018) VALUES(23, 'Tony Armarillo', 40173)

INTO REPS (REP\_NO, REP\_NAME, SALES\_2018) VALUES(24, 'Matt Casgot', 45864)

INTO REPS (REP\_NO, REP\_NAME, SALES\_2018) VALUES(25, 'Gilles Turcotte', 25386)

INTO REPS (REP\_NO, REP\_NAME, SALES\_2018) VALUES(26, 'Francoise LeBlanc', 24426)

INTO REPS (REP\_NO, REP\_NAME, SALES\_2018) VALUES(27, 'Carlos Rodriguez', 16796)

INTO REPS (REP\_NO, REP\_NAME, SALES\_2018) VALUES(28, 'Malcom Young', 36726)

INTO REPS (REP\_NO, REP\_NAME, SALES\_2018) VALUES(29, 'Charles Loo Nam', 12003)

INTO REPS (REP\_NO, REP\_NAME, SALES\_2018) VALUES(30, 'Lee Chan', 8965)

INTO REPS (REP\_NO, REP\_NAME, SALES\_2018) VALUES(33, 'Torey Wandiko', 8398)

INTO REPS (REP\_NO, REP\_NAME, SALES\_2018) VALUES(34, 'Kaley Gregson', 43733)

INTO REPS (REP\_NO, REP\_NAME, SALES\_2018) VALUES(35, 'Hari Krain', 42203)

INTO REPS (REP\_NO, REP\_NAME, SALES\_2018) VALUES(36, 'Ingrid Termede', 17889)

INTO REPS (REP\_NO, REP\_NAME, SALES\_2018) VALUES(39, 'Lisa Testorok', 21273)

INTO REPS (REP\_NO, REP\_NAME, SALES\_2018) VALUES(40, 'Marthe Whiteduck', 47529)

INTO REPS (REP\_NO, REP\_NAME, SALES\_2018) VALUES(41, 'Inigo Montoya', 7320)

select 1 from dual;

INSERT ALL

INTO ORDERS (ORDER\_NO, REP\_NO, CUST\_NO, ORDER\_DT, CHANNEL) VALUES(24, 7, 1001, '07-Apr-08', 'Internet Orders')

INTO ORDERS (ORDER\_NO, REP\_NO, CUST\_NO, ORDER\_DT, CHANNEL) VALUES(67, 7, 1001, '26-Aug-08', 'Internet Orders')

INTO ORDERS (ORDER\_NO, REP\_NO, CUST\_NO, ORDER\_DT, CHANNEL) VALUES(115, 23, 1004, '02-Dec-08', 'Telephone Sales')

INTO ORDERS (ORDER\_NO, REP\_NO, CUST\_NO, ORDER\_DT, CHANNEL) VALUES(132, 14, 1005, '02-Feb-09', 'Telephone Sales')

INTO ORDERS (ORDER\_NO, REP\_NO, CUST\_NO, ORDER\_DT, CHANNEL) VALUES(153, 14, 1005, '22-Mar-09', 'Mail Sales')

INTO ORDERS (ORDER\_NO, REP\_NO, CUST\_NO, ORDER\_DT, CHANNEL) VALUES(196, 5, 1004, '20-Jul-09', 'Internet Orders')

INTO ORDERS (ORDER\_NO, REP\_NO, CUST\_NO, ORDER\_DT, CHANNEL) VALUES(256, 14, 1005, '05-Dec-09', 'Internet Orders')

INTO ORDERS (ORDER\_NO, REP\_NO, CUST\_NO, ORDER\_DT, CHANNEL) VALUES(318, 16, 1038, '09-Apr-10', 'Internet Orders')

select 1 from dual;

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INSERT ALL

INTO products VALUES( 40100,'Outdoor Products','Tents','Star Lite',130,165,'A','P40100')

INTO products VALUES( 40101,'Outdoor Products','Tents','Star Gazer-2',343,518,'A','P40101')

INTO products VALUES( 40102,'Outdoor Products','Tents','Star Gazer-3',370,555,'A','P40102')

INTO products VALUES( 40103,'Outdoor Products','Tents','StarDome',410,615,'A','P40103')

INTO products VALUES( 40200,'Outdoor Products','Sleeping Bags','MoonBeam',80,120,'A','P40200')

INTO products VALUES( 40201,'Outdoor Products','Sleeping Bags','MoonGlow',86,129,'A','P40201')

INTO products VALUES( 40202,'Outdoor Products','Sleeping Bags','MoonLite',56,84,'A','P40202')

INTO products VALUES( 40300,'Outdoor Products','Back Packs','Day Tripper',9,14,'A','P40300')

INTO products VALUES( 40301,'Outdoor Products','Back Packs','Pack n` Hike',88,131,'A','P40301')

INTO products VALUES( 40302,'Outdoor Products','Back Packs','GO Small Waist Pack',12,18,'A','P40302')

INTO products VALUES( 40303,'Outdoor Products','Back Packs','GO Large Waist Pack',16,24,'A','P40303')

INTO products VALUES( 40400,'Outdoor Products','Cooking Equipment','Dover-1',43,65,'A','P40400')

INTO products VALUES( 40401,'Outdoor Products','Cooking Equipment','Dover-2',74,111,'A','P40401')

INTO products VALUES( 40402,'Outdoor Products','Cooking Equipment','GO Cookset',36,54,'A','P40402')

INTO products VALUES( 40403,'Outdoor Products','Cooking Equipment','GO Camp Kettle',14,21,'A','P40403')

INTO products VALUES( 50100,'GO Sport Line','Carry-Bags','GO Sport  Bag',14,28,'A','P50100')

INTO products VALUES( 50101,'GO Sport Line','Carry-Bags','GO Ski Gear Bag',16,32,'A','P50101')

INTO products VALUES( 50102,'GO Sport Line','Carry-Bags','GO Duffel Bag',28,56,'A','P50102')

INTO products VALUES( 50201,'GO Sport Line','Sport Wear','GO Headband',5,10,'A','P50201')

INTO products VALUES( 50202,'GO Sport Line','Sport Wear','GO Wristband',4,8,'A','P50202')

INTO products VALUES( 50203,'GO Sport Line','Sport Wear','GO Water Bottle',4,8,'A','P50203')

INTO products VALUES( 60100,'Environmental Line','Alert Devices','Pocket U.V. Alerter',3,9,'A','P60100')

INTO products VALUES( 60101,'Environmental Line','Alert Devices','Microwave Detective',4,12,'A','P60101')

INTO products VALUES( 60102,'Environmental Line','Alert Devices','Pocket Radon Alerter',13,39,'A','P60102')

INTO products VALUES( 60200,'Environmental Line','Recycled Products','EnviroSak',2,6,'A','P60200')

INTO products VALUES( 60201,'Environmental Line','Recycled Products','Enviro-Kit',4,12,'A','P60201')

INTO products VALUES( 60202,'Environmental Line','Recycled Products','Enviro-T',10,30,'A','P60202')

INTO products VALUES( 60300,'Environmental Line','Bio-Friendly Soaps','RiverKind Shampoo',3,9,'A','P60300')

INTO products VALUES( 60301,'Environmental Line','Bio-Friendly Soaps','RiverKind Soap',4,11,'A','P60301')

INTO products VALUES( 60302,'Environmental Line','Bio-Friendly Soaps','RiverKind Detergent',2,6,'A','P60302')

INTO products VALUES( 60400,'Environmental Line','Sunblock','Sun Shelter-8',2,6,'A','P60400')

INTO products VALUES( 60401,'Environmental Line','Sunblock','Sun Shelter-15',3,9,'A','P60401')

INTO products VALUES( 60402,'Environmental Line','Sunblock','Sun Shelter-30',3,9,'A','P60402')

INTO products VALUES( 60500,'Environmental Line','Water Purifiers','Pro-Lite Water Filter',55,165,'A','P60500')

INTO products VALUES( 60501,'Environmental Line','Water Purifiers','Pocket Water Filter',90,270,'A','P60501')

SELECT 1 FROM DUAL;

INSERT ALL

INTO orderlines VALUES(24, 1, 40101, 518, 2)

INTO orderlines VALUES(24, 2, 40401, 111, 37)

INTO orderlines VALUES(24, 3, 40402, 54, 62)

INTO orderlines VALUES(24, 4, 60300, 11, 10)

INTO orderlines VALUES(132, 1, 60300, 11, 165)

INTO orderlines VALUES(132, 2, 60101, 13, 77)

INTO orderlines VALUES(132, 3, 50202, 9, 80)

INTO orderlines VALUES(132, 4, 40101, 111, 10)

INTO orderlines VALUES(153, 2, 40401, 111, 37)

INTO orderlines VALUES(153, 3, 40402, 54, 62)

SELECT 1 FROM dual;

ALTER TABLE PRODUCTS ADD SID integer;

ALTER TABLE products ADD CONSTRAINT prod\_sid\_fk foreign key(sid) references SUPPLIER(supplier\_id);

INSERT INTO supplier VALUES(1,'NG Outdoor Supplier','125 Hilltop Grove','Mississauga','M2D3T3',NULL,'905 876 1234','2/10 net30');

SELECT \* from supplier;

SELECT \* FROM PRODUCTS;

UPDATE products SET sid=1;

/\* It fails because sid can't find value (2) from parents table(supplier)\*/

/\*INSERT INTO products VALUES( 75502,'Envirental Line','WaPurifiers','Pot Water Filter',90,270,'A','P60501',2);\*/

UPDATE reps SET rep\_name='Taewoo' WHERE rep\_no=1;

UPDATE reps SET rep\_name='Jinpyo' WHERE rep\_no=3;

UPDATE reps SET rep\_name='Xiang' WHERE rep\_no=4;

UPDATE reps SET rep\_name='Rodrigo' WHERE rep\_no=5;

UPDATE reps SET rep\_name='Carlos' WHERE rep\_no=6;

UPDATE reps SET rep\_name='Gangyeon' WHERE rep\_no=7;

SELECT \* FROM reps;

CREATE VIEW DBS\_ASSIGNMENT2\_3 AS(

SELECT cust\_no,

         customer,

         order\_no,

         rep\_name,

            sum(price\*qty) AS "total dollars"

from customers JOIN orders USING(cust\_no)

JOIN reps USING(rep\_no)

JOIN orderlines USING(order\_no)

group by cust\_no,customer,order\_no,rep\_name

);

SELECT \* FROM DBS\_ASSIGNMENT2\_3;