Drop Tables

- drop all tables

```
Drop table rep;
Drop table cust_rep;
Drop table customer;
Drop table orders;
Drop table item;
Drop table order_line;
```

Create Tables

- update primary key and relate to foreign key

```
CREATE TABLE REP
(REP_NUM VARCHAR2(2) PRIMARY KEY,
LAST_NAME CHAR(15),
FIRST_NAME CHAR(15),
STREET CHAR(15),
CITY CHAR(15),
STATE CHAR(2),
POSTAL_CODE CHAR(5),
COMMISSION DECIMAL(7,2),
RATE DECIMAL(3,2) );

CREATE TABLE CUSTOMER
(CUSTOMER_NUM VARCHAR2(3) PRIMARY KEY,
CUSTOMER_NAME CHAR(35) NOT NULL,
STREET CHAR(20),
CITY CHAR(15),
STATE CHAR(2),
POSTAL_CODE CHAR(5),
BALANCE DECIMAL(8,2),
CREDIT_LIMIT DECIMAL(8,2),
REP_NUM VARCHAR2(2),
FOREIGN KEY (REP_NUM) REFERENCES REP(REP_NUM));

CREATE TABLE ORDERS
(ORDER_NUM VARCHAR2(5) PRIMARY KEY,
ORDER_DATE DATE,
CUSTOMER_NUM VARCHAR2(3),
FOREIGN KEY (CUSTOMER_NUM) REFERENCES CUSTOMER(CUSTOMER_NUM));
```

```sql
CREATE TABLE ITEM
(ITEM_NUM VARCHAR2(4) PRIMARY KEY,
DESCRIPTION CHAR(30),
ON_HAND DECIMAL(4,0),
CATEGORY CHAR(3),
STOREHOUSE CHAR(1),
PRICE DECIMAL(7,2));

CREATE TABLE ORDER_LINE
(ORDER_NUM VARCHAR2(5), -- PRIMARY KEY,
ITEM_NUM VARCHAR2(4),
NUM_ORDERED DECIMAL(3,0),
QUOTED_PRICE DECIMAL(6,2),
PRIMARY KEY (ORDER_NUM, ITEM_NUM),
FOREIGN KEY (ORDER_NUM) REFERENCES ORDERS(ORDER_NUM),
FOREIGN KEY (ITEM_NUM) REFERENCES ITEM(ITEM_NUM));

INSERT INTO REP
VALUES
('15','Campos','Rafael','724 Vinca Dr.','Grove','CA','90092',23457.50,0.06);
INSERT INTO REP
VALUES
('30','Gradey','Megan','632 Liatris St.','Fullton','CA','90085',41317.00,0.08);
INSERT INTO REP
VALUES
('45','Tian','Hui','1785 Tyler Ave.','Northfield','CA','90098',27789.25,0.06);
INSERT INTO REP
VALUES
('60','Sefton','Janet','267 Oakley St.','Congaree','CA','90097',0.00,0.06);
INSERT INTO CUSTOMER
VALUES
('126','Toys Galore','28 Laketon St.','Fullton','CA','90085',1210.25,7500.00,'15');
INSERT INTO CUSTOMER
VALUES
('260','Brookings Direct','452 Columbus Dr.','Grove','CA','90092',575.00,10000.00,'30');
INSERT INTO CUSTOMER
VALUES
('334','The Everything Shop','342 Magee St.','Congaree','CA','90097',2345.75,7500.00,'45');
INSERT INTO CUSTOMER
VALUES
('386','Johnson''s Department Store','124 Main St.','Northfield','CA','90098',879.25,7500.00
INSERT INTO CUSTOMER
VALUES
('440','Grove Historical Museum Store','3456 Central Ave.','Fullton','CA','90085',345.00,500
INSERT INTO CUSTOMER
VALUES
```

```sql
('502','Cards and More','167 Hale St.','Mesa','CA','90104',5025.75,5000.00,'15');
INSERT INTO CUSTOMER
VALUES
('586','Almondton General Store','3345 Devon Ave.','Almondton','CA','90125',3456.75,15000.00
INSERT INTO CUSTOMER
VALUES
('665','Cricket Gift Shop','372 Oxford St.','Grove','CA','90092',678.90,7500.00,'30');
INSERT INTO CUSTOMER
VALUES
('713','Cress Store','12 Rising Sun Ave.','Congaree','CA','90097',4234.60,10000.00,'15');
INSERT INTO CUSTOMER
VALUES
('796','Unique Gifts','786 Passmore St.','Northfield','CA','90098',124.75,7500.00,'45');
INSERT INTO CUSTOMER
VALUES
('824','Kline''s','945 Gilham St.','Mesa','CA','90104',2475.99,15000.00,'30');
INSERT INTO CUSTOMER
VALUES
('893','All Season Gifts','382 Wildwood Ave.','Fullton','CA','90085',935.75,7500.00,'15');
INSERT INTO ORDERS
VALUES
('51608',to_date('10-12-2015','MM-DD-YYYY'),'126');
INSERT INTO ORDERS
VALUES
('51610',to_date('10-12-2015','MM-DD-YYYY'),'334');
INSERT INTO ORDERS
VALUES
('51613',to_date('10-13-2015','MM-DD-YYYY'),'386');
INSERT INTO ORDERS
VALUES
('51614',to_date('10-13-2015','MM-DD-YYYY'),'260');
INSERT INTO ORDERS
VALUES
('51617',to_date('10-15-2015','MM-DD-YYYY'),'586');
INSERT INTO ORDERS
VALUES
('51619',to_date('10-15-2015','MM-DD-YYYY'),'126');
INSERT INTO ORDERS
VALUES
('51623',to_date('10-15-2015','MM-DD-YYYY'),'586');
INSERT INTO ORDERS
VALUES
('51625',to_date('10-16-2015','MM-DD-YYYY'),'796');
INSERT INTO ITEM
VALUES
('AH74','Patience',9.00,'GME','3',22.99);
```

```sql
INSERT INTO ITEM
VALUES
('BR23','Skittles',21.00,'GME','2',29.99);
INSERT INTO ITEM
VALUES
('CD33','Wood Block Set (48 piece)',36.00,'TOY','1',89.49);
INSERT INTO ITEM
VALUES
('DL51','Classic Railway Set',12.00,'TOY','3',107.95);
INSERT INTO ITEM
VALUES
('DR67','Giant Star Brain Teaser',24.00,'PZL','2',31.95);
INSERT INTO ITEM
VALUES
('DW23','Mancala',40.00,'GME','3',50.00);
INSERT INTO ITEM
VALUES
('FD11','Rocking Horse',8.00,'TOY','3',124.95);
INSERT INTO ITEM
VALUES
('FH24','Puzzle Gift Set',65.00,'PZL','1',38.95);
INSERT INTO ITEM
VALUES
('KA12','Cribbage Set',56.00,'GME','3',75.00);
INSERT INTO ITEM
VALUES
('KD34','Pentominoes Brain Teaser',60.00,'PZL','2',14.95);
INSERT INTO ITEM
VALUES
('KL78','Pick Up Sticks',110.00,'GME','1',10.95);
INSERT INTO ITEM
VALUES
('MT03','Zauberkasten Brain Teaser',45.00,'PZL','1',45.79);
INSERT INTO ITEM
VALUES
('NL89','Wood Block Set (62 piece)',32.00,'TOY','3',119.75);
INSERT INTO ITEM
VALUES
('TR40','Tic Tac Toe',75.00,'GME','2',13.99);
INSERT INTO ITEM
VALUES
('TW35','Fire Engine',30.00,'TOY','2',118.95);
INSERT INTO ORDER_LINE
VALUES
('51608','CD33',5.00,86.99);
INSERT INTO ORDER_LINE
```

```sql
VALUES
('51610','KL78',25.00,10.95);
INSERT INTO ORDER_LINE
VALUES
('51610','TR40',10.00,13.99);
INSERT INTO ORDER_LINE
VALUES
('51613','DL51',5.00,104.95);
INSERT INTO ORDER_LINE
VALUES
('51614','FD11',1.00,124.95);
INSERT INTO ORDER_LINE
VALUES
('51617','NL89',4.00,115.99);
INSERT INTO ORDER_LINE
VALUES
('51617','TW35',3.00,116.95);
INSERT INTO ORDER_LINE
VALUES
('51619','FD11',2.00,121.95);
INSERT INTO ORDER_LINE
VALUES
('51623','DR67',5.00,29.95);
INSERT INTO ORDER_LINE
VALUES
('51623','FH24',12.00,36.95);
INSERT INTO ORDER_LINE
VALUES
('51623','KD34',10.00,13.10);
INSERT INTO ORDER_LINE
VALUES
('51625','MT03',8.00,45.79);

SELECT
    REP.REP_NUM,
    REP.LAST_NAME,
    CUSTOMER.CUSTOMER_NAME,
    ORDERS.ORDER_NUM,
    ORDER_LINE.NUM_ORDERED,
    ITEM.DESCRIPTION,
    ITEM.PRICE
FROM
    REP
JOIN
    CUSTOMER ON REP.REP_NUM = CUSTOMER.REP_NUM
JOIN
```

```
        ORDERS ON CUSTOMER.CUSTOMER_NUM = ORDERS.CUSTOMER_NUM
JOIN
        ORDER_LINE ON ORDERS.ORDER_NUM = ORDER_LINE.ORDER_NUM
JOIN
        ITEM ON ORDER_LINE.ITEM_NUM = ITEM.ITEM_NUM;
```

REP_NUM	LAST_NAME	CUSTOMER_NAME	ORDER_NUM	NUM_ORDERED	DESCRIPTION
15	Campos	Toys Galore	51608	5	Wood Block S
30	Gradey	Johnson's Department Store	51613	5	Classic Rail
45	Tian	Almondton General Store	51623	5	Giant Star F
15	Campos	Toys Galore	51619	2	Rocking Hors
30	Gradey	Brookings Direct	51614	1	Rocking Hors
45	Tian	Almondton General Store	51623	12	Puzzle Gift
45	Tian	Almondton General Store	51623	10	Pentominoes
45	Tian	The Everything Shop	51610	25	Pick Up Stic
45	Tian	Unique Gifts	51625	8	Zauberkasten
45	Tian	Almondton General Store	51617	4	Wood Block S
45	Tian	The Everything Shop	51610	10	Tic Tac Toe
45	Tian	Almondton General Store	51617	3	Fire Engine