SQL> SET serveroutput on

SQL> /\* Drop tables, sequence, and other objects you create\*/

SQL> DROP TABLE OrderDetails;

Table ORDERDETAILS dropped.

SQL> DROP TABLE Item;

Table ITEM dropped.

SQL> DROP TABLE CustomerOrder;

Table CUSTOMERORDER dropped.

SQL> DROP TABLE ItemType;

Table ITEMTYPE dropped.

SQL> DROP TABLE Customer;

Table CUSTOMER dropped.

SQL> DROP SEQUENCE Customer\_Seq;

Sequence CUSTOMER\_SEQ dropped.

SQL> DROP SEQUENCE CustomerOrder\_Seq;

Sequence CUSTOMERORDER\_SEQ dropped.

SQL> DROP SEQUENCE OrderDetails\_Seq;

Sequence ORDERDETAILS\_SEQ dropped.

SQL> DROP SEQUENCE Item\_Seq;

Sequence ITEM\_SEQ dropped.

SQL> DROP SEQUENCE ItemType\_Seq;

Sequence ITEMTYPE\_SEQ dropped.

SQL> /\* Create 5 tables \*/

SQL> CREATE TABLE Customer

(

Customer\_ID NUMBER NOT NULL,

Cust\_FName VARCHAR2 (50),

Cust\_LName VARCHAR2 (50),

Cust\_Address VARCHAR2 (100),

Cust\_ZipCode VARCHAR2(10),

Cust\_PhoneNum VARCHAR2(15),

Cust\_Email VARCHAR2(50),

CONSTRAINT pk\_customer PRIMARY KEY (Customer\_ID)

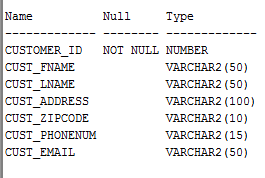
);

Table CUSTOMER created.

SQL> COMMENT ON TABLE Customer IS 'Table used to store Customer information';

Comment on table customer 'TABLE USED TO STORE CUSTOMER INFORMATION' succeeded.

SQL> DESCRIBE Customer;



SQL> CREATE TABLE CustomerOrder

(

Customer\_Order\_ID NUMBER NOT NULL,

Order\_Date DATE,

Customer\_ID NUMBER NOT NULL,

CONSTRAINT pk\_CustomerOrder PRIMARY KEY (Customer\_Order\_Id),

CONSTRAINT fk\_Customer FOREIGN KEY (Customer\_ID)

REFERENCES Customer

);

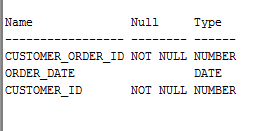
Table CUSTOMERORDER created.

SQL> COMMENT ON TABLE CustomerOrder IS

'Table used to store main order information for each customer';

Comment on table customerorder 'TABLE USED TO STORE MAIN ORDER INFORMATION FOR EACH CUSTOMER' succeeded.

SQL> DESCRIBE CustomerOrder;



SQL> CREATE TABLE ItemType

(

Item\_Type\_ID NUMBER NOT NULL,

Type\_Name VARCHAR2(50),

CONSTRAINT pk\_ItemType PRIMARY KEY (Item\_Type\_ID)

);

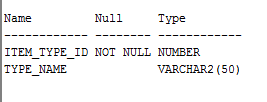
Table ITEMTYPE created.

SQL> COMMENT ON TABLE ItemType IS

'Table serves as a lookup or reference for the type of item an item is';

Comment on table itemtype 'TABLE SERVES AS A LOOKUP OR REFERENCE FOR THE TYPE OF ITEM AN ITEM IS' succeeded.

SQL> DESCRIBE ItemType;



SQL> CREATE TABLE Item

(

Item\_ID NUMBER NOT NULL,

Item\_ListPrice NUMBER,

Item\_Cost NUMBER,

Item\_Name VARCHAR2 (50),

Item\_Type\_ID NUMBER,

Spec\_Documents BLOB,

Total\_Qty NUMBER,

Reorder\_Qty NUMBER,

Date\_Added DATE,

CONSTRAINT pk\_Item PRIMARY KEY (Item\_ID),

CONSTRAINT fk\_ItemType FOREIGN KEY (Item\_Type\_ID)

REFERENCES ItemType

);

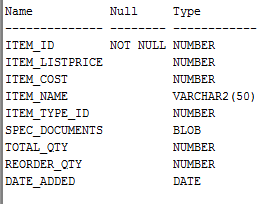
Table ITEM created.

SQL> COMMENT ON TABLE Item IS

'Used to list all the necessary properties belonging to each specific item';

Comment on table item 'USED TO LIST ALL THE NECESSARY PROPERTIES BELONGING TO EACH SPECIFIC ITEM' succeeded.

SQL> DESCRIBE Item;



SQL> CREATE TABLE OrderDetails

(

Order\_Details\_ID NUMBER NOT NULL,

Order\_Details\_Qty NUMBER,

Discount NUMBER,

Item\_ID NUMBER NOT NULL,

Customer\_Order\_ID NUMBER NOT NULL,

CONSTRAINT pk\_OrderDetails PRIMARY KEY (Order\_Details\_ID),

CONSTRAINT fk\_CustomerOrder FOREIGN KEY (Customer\_Order\_ID)

REFERENCES CustomerOrder,

CONSTRAINT fk\_OrderItem FOREIGN KEY (Item\_ID)

REFERENCES Item

);

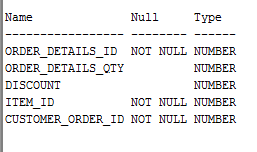
Table ORDERDETAILS created.

SQL> COMMENT ON TABLE OrderDetails IS

'Contains the breakdown of each item ordered from CustomerOrder Table';

Comment on table orderdetails 'CONTAINS THE BREAKDOWN OF EACH ITEM ORDERED FROM CUSTOMERORDER TABLE' succeeded.

SQL> DESCRIBE OrderDetails;



Index FK\_CUSTOMER created.

SQL> CREATE INDEX fk\_ItemType on Item(Item\_Type\_ID);

Index FK\_ITEMTYPE created.

SQL> CREATE INDEX fk\_CustomerOrder on OrderDetails(Customer\_Order\_ID);

Index FK\_CUSTOMERORDER created.

SQL> CREATE INDEX fk\_OrderItem on OrderDetails(Item\_ID);

Index FK\_ORDERITEM created.

SQL> /\* Create sequence\*/

SQL> CREATE SEQUENCE Customer\_Seq

START WITH 1

INCREMENT BY 1;

Sequence CUSTOMER\_SEQ created.

SQL> CREATE SEQUENCE CustomerOrder\_Seq

START WITH 1

INCREMENT BY 1;

Sequence CUSTOMERORDER\_SEQ created.

SQL> CREATE SEQUENCE OrderDetails\_Seq

START WITH 1

INCREMENT BY 1;

Sequence ORDERDETAILS\_SEQ created.

SQL> CREATE SEQUENCE Item\_Seq

START WITH 1

INCREMENT BY 1;

Sequence ITEM\_SEQ created.

SQL> CREATE SEQUENCE ItemType\_Seq

START WITH 1

INCREMENT BY 1;

Sequence ITEMTYPE\_SEQ created.

SQL> /\* Data Dictionary query \*/

SQL> PURGE recyclebin;

PURGE recyclebin

SQL> /\*The next query returns a list of all objects in the user\_objects table\*/

SQL> SELECT /\*fixed\*/ object\_name, object\_type FROM user\_objects ORDER BY object\_type;

"OBJECT\_NAME" "OBJECT\_TYPE"

"CUSTOM\_AUTH" "FUNCTION"

"CUSTOM\_HASH" "FUNCTION"

"APEX$\_WS\_LINKS\_PK" "INDEX"

"APEX$\_WS\_TAGS\_PK" "INDEX"

"APEX$\_WS\_FILES\_PK" "INDEX"

"APEX$\_ACL\_IDX1" "INDEX"

"APEX$\_WS\_ROWS\_IDX" "INDEX"

"APEX$\_WS\_HISTORY\_IDX" "INDEX"

"APEX$\_WS\_NOTES\_IDX1" "INDEX"

"APEX$\_WS\_NOTES\_IDX2" "INDEX"

"APEX$\_WS\_LINKS\_IDX1" "INDEX"

"APEX$\_WS\_LINKS\_IDX2" "INDEX"

"APEX$\_WS\_TAGS\_IDX1" "INDEX"

"APEX$\_WS\_TAGS\_IDX2" "INDEX"

"APEX$\_WS\_FILES\_IDX1" "INDEX"

"APEX$\_WS\_FILES\_IDX2" "INDEX"

"APEX$\_WS\_WEBPG\_SECHIST\_IDX1" "INDEX"

"SYS\_C007086" "INDEX"

"SYS\_C007087" "INDEX"

"SYS\_C006997" "INDEX"

"SYS\_C006999" "INDEX"

"DEMO\_USERS\_PK" "INDEX"

"DEMO\_CUSTOMERS\_PK" "INDEX"

"DEMO\_CUST\_NAME\_IX" "INDEX"

"DEMO\_ORDER\_PK" "INDEX"

"DEMO\_ORD\_CUSTOMER\_IX" "INDEX"

"DEMO\_PRODUCT\_INFO\_PK" "INDEX"

"DEMO\_ORDER\_ITEMS\_PK" "INDEX"

"APEX$\_ACL\_PK" "INDEX"

"APEX$\_WS\_WEBPG\_SECTIONS\_PK" "INDEX"

"APEX$\_WS\_ROWS\_PK" "INDEX"

"APEX$\_WS\_NOTES\_PK" "INDEX"

"PK\_SECTION" "INDEX"

"PK\_INSTR" "INDEX"

"PK\_CUSTOMER" "INDEX"

"PK\_COURSE" "INDEX"

"PK\_SCHEDULE" "INDEX"

"PK\_CLASS" "INDEX"

"FK\_COURSE\_LIST" "INDEX"

"FK\_INSTR" "INDEX"

"FK\_INSTRCLASS" "INDEX"

"FK\_CLASSSCHED" "INDEX"

"FK\_COURSECLASS" "INDEX"

"PK\_CUSTOMERORDER" "INDEX"

"PK\_ITEMTYPE" "INDEX"

"PK\_ITEM" "INDEX"

"PK\_ORDERDETAILS" "INDEX"

"FK\_CUSTOMER" "INDEX"

"FK\_ITEMTYPE" "INDEX"

"FK\_CUSTOMERORDER" "INDEX"

"FK\_ORDERITEM" "INDEX"

"SYS\_LOB0000020119C00010$$" "LOB"

"SYS\_LOB0000020123C00009$$" "LOB"

"SYS\_LOB0000020123C00008$$" "LOB"

"SYS\_LOB0000020083C00007$$" "LOB"

"SYS\_LOB0000020353C00006$$" "LOB"

"SYS\_LOB0000020098C00007$$" "LOB"

"SYS\_LOB0000020104C00166$$" "LOB"

"SYS\_LOB0000020104C00165$$" "LOB"

"SYS\_LOB0000020111C00007$$" "LOB"

"SYS\_LOB0000020098C00008$$" "LOB"

"DEMO\_CUST\_SEQ" "SEQUENCE"

"DEMO\_ORDER\_ITEMS\_SEQ" "SEQUENCE"

"DEMO\_ORD\_SEQ" "SEQUENCE"

"DEMO\_PROD\_SEQ" "SEQUENCE"

"DEMO\_USERS\_SEQ" "SEQUENCE"

"SECTIONNUM\_SEQ" "SEQUENCE"

"ITEMTYPE\_SEQ" "SEQUENCE"

"COURSENUM\_SEQ" "SEQUENCE"

"SCHEDNUM\_SEQ" "SEQUENCE"

"CUSTOMER\_SEQ" "SEQUENCE"

"CUSTOMERORDER\_SEQ" "SEQUENCE"

"ORDERDETAILS\_SEQ" "SEQUENCE"

"ITEM\_SEQ" "SEQUENCE"

"INSTRNUM\_SEQ" "SEQUENCE"

"APEX$\_WS\_TAGS" "TABLE"

"ORDERDETAILS" "TABLE"

"APEX$\_WS\_WEBPG\_SECTION\_HISTORY""TABLE"

"APEX$\_WS\_FILES" "TABLE"

"ITEM" "TABLE"

"ITEMTYPE" "TABLE"

"CUSTOMERORDER" "TABLE"

"INSTR\_CLASSES" "TABLE"

"CLASS\_SCHED" "TABLE"

"COURSE\_LIST" "TABLE"

"INSTR\_LIST" "TABLE"

"SECTION\_INFO" "TABLE"

"CUSTOMER" "TABLE"

"APEX$\_WS\_LINKS" "TABLE"

"APEX$\_WS\_NOTES" "TABLE"

"APEX$\_WS\_HISTORY" "TABLE"

"APEX$\_WS\_ROWS" "TABLE"

"APEX$\_WS\_WEBPG\_SECTIONS" "TABLE"

"APEX$\_ACL" "TABLE"

"DEMO\_STATES" "TABLE"

"DEMO\_ORDER\_ITEMS" "TABLE"

"DEMO\_PRODUCT\_INFO" "TABLE"

"INSTR\_OBJ\_TABLE" "TABLE"

"DEPT" "TABLE"

"EMP" "TABLE"

"DEMO\_USERS" "TABLE"

"DEMO\_CUSTOMERS" "TABLE"

"DEMO\_ORDERS" "TABLE"

"INSERT\_DEMO\_CUST" "TRIGGER"

"APEX$\_ACL\_T1" "TRIGGER"

"DEMO\_USERS\_T1" "TRIGGER"

"BI\_DEMO\_USERS" "TRIGGER"

"SCHEDCLASS\_TRIGGER" "TRIGGER"

"INSERT\_DEMO\_PROD" "TRIGGER"

"DEMO\_ORDER\_ITEMS\_GET\_PRICE" "TRIGGER"

"UPDATE\_ORDER\_TOTAL" "TRIGGER"

"INSERT\_DEMO\_ORDER\_ITEMS" "TRIGGER"

"APEX$\_WS\_WEBPG\_SECTIONS\_T1" "TRIGGER"

"APEX$\_WS\_ROWS\_T1" "TRIGGER"

"APEX$\_WS\_NOTES\_T1" "TRIGGER"

"APEX$\_WS\_FILES\_T1" "TRIGGER"

"APEX$\_WS\_TAGS\_T1" "TRIGGER"

"APEX$\_WS\_LINKS\_T1" "TRIGGER"

"PERSON\_TYP" "TYPE"

"INSTRUCTOR\_TYP" "TYPE"

"PERSON\_TYP" "TYPE BODY"

"INSTRUCTOR\_TYP" "TYPE BODY"

"SECTION\_INSTRUCTORS\_VIEW" "VIEW"

"INSTR\_TEACHING\_VIEW" "VIEW"

124 rows selected

SQL> /\* Insert data into each table \*/

SQL> INSERT INTO Customer (Customer\_ID, Cust\_FName, Cust\_LName, Cust\_Address, Cust\_ZipCode, Cust\_PhoneNum, Cust\_Email)

VALUES (Customer\_Seq.NEXTVAL, 'Bob', 'Roberts', '123 ABC Street','31088', '123-456-0000', 'BobRoberts@gmail.com');

1 row inserted.

SQL> INSERT INTO Customer (Customer\_ID, Cust\_FName, Cust\_LName, Cust\_Address, Cust\_ZipCode, Cust\_PhoneNum, Cust\_Email)

VALUES (Customer\_Seq.NEXTVAL, 'Mary', 'Jane', '45 Alberta Lane ','31771', '476-897-1111', 'MaryJane@gmail.com');

1 row inserted.

SQL> INSERT INTO Customer (Customer\_ID, Cust\_FName, Cust\_LName, Cust\_Address, Cust\_ZipCode, Cust\_PhoneNum, Cust\_Email)

VALUES (Customer\_Seq.NEXTVAL, 'Brandon', 'Russell', '123 Finegand Place ','31771', '234-123-222', 'HighFive34@gmail.com');

1 row inserted.

SQL> INSERT INTO Customer (Customer\_ID, Cust\_FName, Cust\_LName, Cust\_Address, Cust\_ZipCode, Cust\_PhoneNum, Cust\_Email)

VALUES (Customer\_Seq.NEXTVAL, 'James', 'Doe', '46 Alberta Lane ','31771', '476-897-1112', 'JamesDoe@gmail.com');

1 row inserted.

SQL> INSERT INTO Customer (Customer\_ID, Cust\_FName, Cust\_LName, Cust\_Address, Cust\_ZipCode, Cust\_PhoneNum, Cust\_Email)

VALUES (Customer\_Seq.NEXTVAL, 'Jim', 'Bob', '47 Alberta Lane ','31771', '476-897-1113', 'JimBob@gmail.com');

1 row inserted.

SQL> INSERT INTO Customer (Customer\_ID, Cust\_FName, Cust\_LName, Cust\_Address, Cust\_ZipCode, Cust\_PhoneNum, Cust\_Email)

VALUES (Customer\_Seq.NEXTVAL, 'Patricia', 'Russell', '48 Alberta Lane ','31771', '476-897-1114', 'PRussell@gmail.com');

1 row inserted.

SQL> INSERT INTO Customer (Customer\_ID, Cust\_FName, Cust\_LName, Cust\_Address, Cust\_ZipCode, Cust\_PhoneNum, Cust\_Email)

VALUES (Customer\_Seq.NEXTVAL, 'Jane', 'Johnson', '49 Alberta Lane ','31771', '476-897-1115', 'JJ123@gmail.com');

1 row inserted.

SQL> INSERT INTO Customer (Customer\_ID, Cust\_FName, Cust\_LName, Cust\_Address, Cust\_ZipCode, Cust\_PhoneNum, Cust\_Email)

VALUES (Customer\_Seq.NEXTVAL, 'Hyon', 'Yi', '50 Alberta Lane ','31771', '476-897-1116', 'HyonYi@gmail.com');

1 row inserted.

SQL> INSERT INTO Customer (Customer\_ID, Cust\_FName, Cust\_LName, Cust\_Address, Cust\_ZipCode, Cust\_PhoneNum, Cust\_Email)

VALUES (Customer\_Seq.NEXTVAL, 'Keith', 'Jordan', '51 Alberta Lane ','31771', '476-897-1117', 'KJ88@gmail.com');

1 row inserted.

SQL> INSERT INTO Customer (Customer\_ID, Cust\_FName, Cust\_LName, Cust\_Address, Cust\_ZipCode, Cust\_PhoneNum, Cust\_Email)

VALUES (Customer\_Seq.NEXTVAL, 'Pete', 'Smith', '52 Alberta Lane ','31771', '476-897-1118', 'PeteS33@gmail.com');

1 row inserted.

SQL> INSERT INTO Customer (Customer\_ID, Cust\_FName, Cust\_LName, Cust\_Address, Cust\_ZipCode, Cust\_PhoneNum, Cust\_Email)

VALUES (Customer\_Seq.NEXTVAL, 'Bobby', 'Robert', '124 ABC Street','31088', '223-456-0000', 'BobRobert@gmail.com');

1 row inserted.

SQL> INSERT INTO Customer (Customer\_ID, Cust\_FName, Cust\_LName, Cust\_Address, Cust\_ZipCode, Cust\_PhoneNum, Cust\_Email)

VALUES (Customer\_Seq.NEXTVAL, 'MaryJane', 'Joy', '46 Alberta Lane ','31771', '576-897-1111', 'MaryJane1@gmail.com');

1 row inserted.

SQL> INSERT INTO Customer (Customer\_ID, Cust\_FName, Cust\_LName, Cust\_Address, Cust\_ZipCode, Cust\_PhoneNum, Cust\_Email)

VALUES (Customer\_Seq.NEXTVAL, 'Brando', 'Russell', '124 Finegand Place ','31771', '334-123-222', 'H2ighFive34@gmail.com');

1 row inserted.

SQL> INSERT INTO Customer (Customer\_ID, Cust\_FName, Cust\_LName, Cust\_Address, Cust\_ZipCode, Cust\_PhoneNum, Cust\_Email)

VALUES (Customer\_Seq.NEXTVAL, 'Jay', 'Doe', '411 Alberta Lane ','31771', '471-897-1112', 'JDoe@gmail.com');

1 row inserted.

SQL> INSERT INTO Customer (Customer\_ID, Cust\_FName, Cust\_LName, Cust\_Address, Cust\_ZipCode, Cust\_PhoneNum, Cust\_Email)

VALUES (Customer\_Seq.NEXTVAL, 'Jimmie', 'Horton', '470 Alberta Lane ','31771', '476-897-1119', 'JimHorton@gmail.com');

1 row inserted.

SQL> INSERT INTO Customer (Customer\_ID, Cust\_FName, Cust\_LName, Cust\_Address, Cust\_ZipCode, Cust\_PhoneNum, Cust\_Email)

VALUES (Customer\_Seq.NEXTVAL, 'Patrick', 'Russell', '480 Alberta Lane ','31771', '476-897-1124', 'PRussell1@gmail.com');

1 row inserted.

SQL> INSERT INTO Customer (Customer\_ID, Cust\_FName, Cust\_LName, Cust\_Address, Cust\_ZipCode, Cust\_PhoneNum, Cust\_Email)

VALUES (Customer\_Seq.NEXTVAL, 'John', 'Johnson', '490 Alberta Lane ','31771', '476-897-1315', 'JJ124@gmail.com');

1 row inserted.

SQL> INSERT INTO Customer (Customer\_ID, Cust\_FName, Cust\_LName, Cust\_Address, Cust\_ZipCode, Cust\_PhoneNum, Cust\_Email)

VALUES (Customer\_Seq.NEXTVAL, 'Hyon', 'Yie', '500 Alberta Lane ','31771', '476-897-1516', 'HyonYi1@gmail.com');

1 row inserted.

SQL> INSERT INTO Customer (Customer\_ID, Cust\_FName, Cust\_LName, Cust\_Address, Cust\_ZipCode, Cust\_PhoneNum, Cust\_Email)

VALUES (Customer\_Seq.NEXTVAL, 'Mike', 'Jordan', '510 Alberta Lane ','31771', '476-997-1117', 'MJ88@gmail.com');

1 row inserted.

SQL> INSERT INTO Customer (Customer\_ID, Cust\_FName, Cust\_LName, Cust\_Address, Cust\_ZipCode, Cust\_PhoneNum, Cust\_Email)

VALUES (Customer\_Seq.NEXTVAL, 'Peter', 'Smith', '520 Alberta Lane ','31771', '476-899-1118', 'PeterS33@gmail.com');

1 row inserted.

SQL> INSERT INTO CustomerOrder (Customer\_Order\_ID, Customer\_ID, Order\_Date)

VALUES (CustomerOrder\_Seq.NEXTVAL, 1, '12-FEB-16');

1 row inserted.

SQL> INSERT INTO CustomerOrder (Customer\_Order\_ID, Customer\_ID, Order\_Date)

VALUES (CustomerOrder\_Seq.NEXTVAL, 2, '15-FEB-16');

1 row inserted.

SQL> INSERT INTO CustomerOrder (Customer\_Order\_ID, Customer\_ID, Order\_Date)

VALUES (CustomerOrder\_Seq.NEXTVAL, 3, '16-FEB-16');

1 row inserted.

SQL> INSERT INTO CustomerOrder (Customer\_Order\_ID, Customer\_ID, Order\_Date)

VALUES (CustomerOrder\_Seq.NEXTVAL, 4, '15-JAN-16');

1 row inserted.

SQL> INSERT INTO CustomerOrder (Customer\_Order\_ID, Customer\_ID, Order\_Date)

VALUES (CustomerOrder\_Seq.NEXTVAL, 5, '10-JAN-16');

1 row inserted.

SQL> INSERT INTO CustomerOrder (Customer\_Order\_ID, Customer\_ID, Order\_Date)

VALUES (CustomerOrder\_Seq.NEXTVAL, 6, '01-FEB-16');

1 row inserted.

SQL> INSERT INTO CustomerOrder (Customer\_Order\_ID, Customer\_ID, Order\_Date)

VALUES (CustomerOrder\_Seq.NEXTVAL, 7, '03-DEC-15');

1 row inserted.

SQL> INSERT INTO CustomerOrder (Customer\_Order\_ID, Customer\_ID, Order\_Date)

VALUES (CustomerOrder\_Seq.NEXTVAL, 8, '20-NOV-15');

1 row inserted.

SQL> INSERT INTO CustomerOrder (Customer\_Order\_ID, Customer\_ID, Order\_Date)

VALUES (CustomerOrder\_Seq.NEXTVAL, 9, '22-OCT-15');

1 row inserted.

SQL> INSERT INTO CustomerOrder (Customer\_Order\_ID, Customer\_ID, Order\_Date)

VALUES (CustomerOrder\_Seq.NEXTVAL, 10, '23-FEB-16');

1 row inserted.

SQL> INSERT INTO CustomerOrder (Customer\_Order\_ID, Customer\_ID, Order\_Date)

VALUES (CustomerOrder\_Seq.NEXTVAL, 11, '04-APR-16');

1 row inserted.

SQL> INSERT INTO CustomerOrder (Customer\_Order\_ID, Customer\_ID, Order\_Date)

VALUES (CustomerOrder\_Seq.NEXTVAL, 12, '15-MAR-16');

1 row inserted.

SQL> INSERT INTO CustomerOrder (Customer\_Order\_ID, Customer\_ID, Order\_Date)

VALUES (CustomerOrder\_Seq.NEXTVAL, 13, '16-MAR-16');

1 row inserted.

SQL> INSERT INTO CustomerOrder (Customer\_Order\_ID, Customer\_ID, Order\_Date)

VALUES (CustomerOrder\_Seq.NEXTVAL, 14, '15-JAN-16');

1 row inserted.

SQL> INSERT INTO CustomerOrder (Customer\_Order\_ID, Customer\_ID, Order\_Date)

VALUES (CustomerOrder\_Seq.NEXTVAL, 15, '10-JAN-16');

1 row inserted.

SQL> INSERT INTO CustomerOrder (Customer\_Order\_ID, Customer\_ID, Order\_Date)

VALUES (CustomerOrder\_Seq.NEXTVAL, 16, '01-MAR-16');

1 row inserted.

SQL> INSERT INTO CustomerOrder (Customer\_Order\_ID, Customer\_ID, Order\_Date)

VALUES (CustomerOrder\_Seq.NEXTVAL, 17, '03-JAN-16');

1 row inserted.

SQL> INSERT INTO CustomerOrder (Customer\_Order\_ID, Customer\_ID, Order\_Date)

VALUES (CustomerOrder\_Seq.NEXTVAL, 18, '20-MAR-16');

1 row inserted.

SQL> INSERT INTO CustomerOrder (Customer\_Order\_ID, Customer\_ID, Order\_Date)

VALUES (CustomerOrder\_Seq.NEXTVAL, 19, '22-DEC-15');

1 row inserted.

SQL> INSERT INTO CustomerOrder (Customer\_Order\_ID, Customer\_ID, Order\_Date)

VALUES (CustomerOrder\_Seq.NEXTVAL, 20, '23-FEB-16');

1 row inserted.

SQL> INSERT INTO ItemType (Item\_Type\_ID, Type\_Name)

VALUES (ItemType\_Seq.NEXTVAL, 'CPU');

1 row inserted.

SQL> INSERT INTO ItemType (Item\_Type\_ID, Type\_Name)

VALUES (ItemType\_Seq.NEXTVAL, 'Battery');

1 row inserted.

SQL> INSERT INTO ItemType (Item\_Type\_ID, Type\_Name)

VALUES (ItemType\_Seq.NEXTVAL, 'Desktop');

1 row inserted.

SQL> INSERT INTO ItemType (Item\_Type\_ID, Type\_Name)

VALUES (ItemType\_Seq.NEXTVAL, 'Laptop');

1 row inserted.

SQL> INSERT INTO ItemType (Item\_Type\_ID, Type\_Name)

VALUES (ItemType\_Seq.NEXTVAL, 'Monitor');

1 row inserted.

SQL> INSERT INTO ItemType (Item\_Type\_ID, Type\_Name)

VALUES (ItemType\_Seq.NEXTVAL, 'Printer');

1 row inserted.

SQL> INSERT INTO ItemType (Item\_Type\_ID, Type\_Name)

VALUES (ItemType\_Seq.NEXTVAL, 'RAM');

1 row inserted.

SQL> INSERT INTO ItemType (Item\_Type\_ID, Type\_Name)

VALUES (ItemType\_Seq.NEXTVAL, 'Floppy Drive');

1 row inserted.

SQL> INSERT INTO ItemType (Item\_Type\_ID, Type\_Name)

VALUES (ItemType\_Seq.NEXTVAL, 'DVD Drive');

1 row inserted.

SQL> INSERT INTO ItemType (Item\_Type\_ID, Type\_Name)

VALUES (ItemType\_Seq.NEXTVAL, 'Video Card');

1 row inserted.

SQL> INSERT INTO ItemType (Item\_Type\_ID, Type\_Name)

VALUES (ItemType\_Seq.NEXTVAL, 'GPU');

1 row inserted.

SQL> INSERT INTO ItemType (Item\_Type\_ID, Type\_Name)

VALUES (ItemType\_Seq.NEXTVAL, 'Keyboard');

1 row inserted.

SQL> INSERT INTO ItemType (Item\_Type\_ID, Type\_Name)

VALUES (ItemType\_Seq.NEXTVAL, 'Mouse');

1 row inserted.

SQL> INSERT INTO ItemType (Item\_Type\_ID, Type\_Name)

VALUES (ItemType\_Seq.NEXTVAL, 'BluRay Drive');

1 row inserted.

SQL> INSERT INTO ItemType (Item\_Type\_ID, Type\_Name)

VALUES (ItemType\_Seq.NEXTVAL, 'Motherboard');

1 row inserted.

SQL> INSERT INTO ItemType (Item\_Type\_ID, Type\_Name)

VALUES (ItemType\_Seq.NEXTVAL, 'Ink');

1 row inserted.

SQL> INSERT INTO ItemType (Item\_Type\_ID, Type\_Name)

VALUES (ItemType\_Seq.NEXTVAL, 'Toner');

1 row inserted.

SQL> INSERT INTO ItemType (Item\_Type\_ID, Type\_Name)

VALUES (ItemType\_Seq.NEXTVAL, 'Tape Drive');

1 row inserted.

SQL> INSERT INTO ItemType (Item\_Type\_ID, Type\_Name)

VALUES (ItemType\_Seq.NEXTVAL, 'Sound Card');

1 row inserted.

SQL> INSERT INTO ItemType (Item\_Type\_ID, Type\_Name)

VALUES (ItemType\_Seq.NEXTVAL, 'Network Card');

1 row inserted.

SQL> INSERT INTO Item (Item\_ID, Item\_ListPrice, Item\_Cost, Item\_Name, Item\_Type\_ID, Spec\_Documents, Total\_Qty, Reorder\_Qty, Date\_Added)

VALUES (Item\_Seq.NEXTVAL, 123.23, 50.12, '4.2GHZ Intel I5 6th Gen',1, EMPTY\_BLOB(), 100, 1, '01-FEB-16');

1 row inserted.

SQL> INSERT INTO Item (Item\_ID, Item\_ListPrice, Item\_Cost, Item\_Name, Item\_Type\_ID, Spec\_Documents, Total\_Qty, Reorder\_Qty, Date\_Added)

VALUES (Item\_Seq.NEXTVAL, 1000.01, 500.08, 'Dell XPS 13 Laptop', 4, EMPTY\_BLOB(), 100, 1, '01-JAN-16');

1 row inserted.

SQL> INSERT INTO Item (Item\_ID, Item\_ListPrice, Item\_Cost, Item\_Name, Item\_Type\_ID, Spec\_Documents, Total\_Qty, Reorder\_Qty, Date\_Added)

VALUES (Item\_Seq.NEXTVAL, 56.34, 12.12, 'A42-U53 Battery', 2, EMPTY\_BLOB(), 100, 10, '01-FEB-15');

1 row inserted.

SQL> INSERT INTO Item (Item\_ID, Item\_ListPrice, Item\_Cost, Item\_Name, Item\_Type\_ID, Spec\_Documents, Total\_Qty, Reorder\_Qty, Date\_Added)

VALUES (Item\_Seq.NEXTVAL, 450.25, 80.00, 'HP Pavilion Desktop', 3, EMPTY\_BLOB(), 50, 2, '01-APR-15');

1 row inserted.

SQL> INSERT INTO Item (Item\_ID, Item\_ListPrice, Item\_Cost, Item\_Name, Item\_Type\_ID, Spec\_Documents, Total\_Qty, Reorder\_Qty, Date\_Added)

VALUES (Item\_Seq.NEXTVAL, 100.25, 68.00, 'HP 22 Inch Monitor', 5, EMPTY\_BLOB(), 50, 6, '01-JUN-15');

1 row inserted.

SQL> INSERT INTO Item (Item\_ID, Item\_ListPrice, Item\_Cost, Item\_Name, Item\_Type\_ID, Spec\_Documents, Total\_Qty, Reorder\_Qty, Date\_Added)

VALUES (Item\_Seq.NEXTVAL, 75.25, 25.00, 'LexMark Printer 5500', 6, EMPTY\_BLOB(), 25, 2, '01-JAN-15');

1 row inserted.

SQL> INSERT INTO Item (Item\_ID, Item\_ListPrice, Item\_Cost, Item\_Name, Item\_Type\_ID, Spec\_Documents, Total\_Qty, Reorder\_Qty, Date\_Added)

VALUES (Item\_Seq.NEXTVAL, 40.00, 10.00, '4GB DDR3 144-Pin RAM', 7, EMPTY\_BLOB(), 25, 5, '01-JUL-15');

1 row inserted.

SQL> INSERT INTO Item (Item\_ID, Item\_ListPrice, Item\_Cost, Item\_Name, Item\_Type\_ID, Spec\_Documents, Total\_Qty, Reorder\_Qty, Date\_Added)

VALUES (Item\_Seq.NEXTVAL, 15.25, 3.00, 'Dell 3.5 Inch Floppy', 8, EMPTY\_BLOB(), 10, 3, '01-SEP-15');

1 row inserted.

SQL> INSERT INTO Item (Item\_ID, Item\_ListPrice, Item\_Cost, Item\_Name, Item\_Type\_ID, Spec\_Documents, Total\_Qty, Reorder\_Qty, Date\_Added)

VALUES (Item\_Seq.NEXTVAL, 55.25, 28.00, 'Dell 200x DVD Burner', 9, EMPTY\_BLOB(), 10, 2, '01-MAR-15');

1 row inserted.

SQL> INSERT INTO Item (Item\_ID, Item\_ListPrice, Item\_Cost, Item\_Name, Item\_Type\_ID, Spec\_Documents, Total\_Qty, Reorder\_Qty, Date\_Added)

VALUES (Item\_Seq.NEXTVAL, 300.00, 58.00, 'AMD EVGA 1GB DDR3 Video Card', 10, EMPTY\_BLOB(), 10, 1, '01-JUN-15');

1 row inserted.

SQL> INSERT INTO Item (Item\_ID, Item\_ListPrice, Item\_Cost, Item\_Name, Item\_Type\_ID, Spec\_Documents, Total\_Qty, Reorder\_Qty, Date\_Added)

VALUES (Item\_Seq.NEXTVAL, 125.23, 50.12, 'Intel GPU',11, EMPTY\_BLOB(), 100, 1, '01-FEB-16');

1 row inserted.

SQL> INSERT INTO Item (Item\_ID, Item\_ListPrice, Item\_Cost, Item\_Name, Item\_Type\_ID, Spec\_Documents, Total\_Qty, Reorder\_Qty, Date\_Added)

VALUES (Item\_Seq.NEXTVAL, 1001.01, 500.08, 'IBM Keyboard', 12, EMPTY\_BLOB(), 100, 1, '01-JAN-16');

1 row inserted.

SQL> INSERT INTO Item (Item\_ID, Item\_ListPrice, Item\_Cost, Item\_Name, Item\_Type\_ID, Spec\_Documents, Total\_Qty, Reorder\_Qty, Date\_Added)

VALUES (Item\_Seq.NEXTVAL, 55.34, 12.12, 'Dell Mouse', 13, EMPTY\_BLOB(), 100, 10, '01-FEB-15');

1 row inserted.

SQL> INSERT INTO Item (Item\_ID, Item\_ListPrice, Item\_Cost, Item\_Name, Item\_Type\_ID, Spec\_Documents, Total\_Qty, Reorder\_Qty, Date\_Added)

VALUES (Item\_Seq.NEXTVAL, 451.25, 80.00, 'Sony 50x speed BlueRay Drive', 14, EMPTY\_BLOB(), 50, 2, '01-APR-15');

1 row inserted.

SQL> INSERT INTO Item (Item\_ID, Item\_ListPrice, Item\_Cost, Item\_Name, Item\_Type\_ID, Spec\_Documents, Total\_Qty, Reorder\_Qty, Date\_Added)

VALUES (Item\_Seq.NEXTVAL, 103.25, 68.00, 'ASUS Motherboard 3.0', 15, EMPTY\_BLOB(), 50, 6, '01-JUN-15');

1 row inserted.

SQL> INSERT INTO Item (Item\_ID, Item\_ListPrice, Item\_Cost, Item\_Name, Item\_Type\_ID, Spec\_Documents, Total\_Qty, Reorder\_Qty, Date\_Added)

VALUES (Item\_Seq.NEXTVAL, 72.25, 25.00, 'LexMark 5500 Black Ink', 16, EMPTY\_BLOB(), 25, 2, '01-JAN-15');

1 row inserted.

SQL> INSERT INTO Item (Item\_ID, Item\_ListPrice, Item\_Cost, Item\_Name, Item\_Type\_ID, Spec\_Documents, Total\_Qty, Reorder\_Qty, Date\_Added)

VALUES (Item\_Seq.NEXTVAL, 41.00, 10.00, 'LexMark LaserJet Toner', 17, EMPTY\_BLOB(), 25, 5, '01-JUL-15');

1 row inserted.

SQL> INSERT INTO Item (Item\_ID, Item\_ListPrice, Item\_Cost, Item\_Name, Item\_Type\_ID, Spec\_Documents, Total\_Qty, Reorder\_Qty, Date\_Added)

VALUES (Item\_Seq.NEXTVAL, 16.25, 3.00, 'Dell Tape Drive', 18, EMPTY\_BLOB(), 10, 3, '01-SEP-15');

1 row inserted.

SQL> INSERT INTO Item (Item\_ID, Item\_ListPrice, Item\_Cost, Item\_Name, Item\_Type\_ID, Spec\_Documents, Total\_Qty, Reorder\_Qty, Date\_Added)

VALUES (Item\_Seq.NEXTVAL, 59.25, 28.00, 'Sony SoundCard', 19, EMPTY\_BLOB(), 10, 2, '01-MAR-15');

1 row inserted.

SQL> INSERT INTO Item (Item\_ID, Item\_ListPrice, Item\_Cost, Item\_Name, Item\_Type\_ID, Spec\_Documents, Total\_Qty, Reorder\_Qty, Date\_Added)

VALUES (Item\_Seq.NEXTVAL, 310.00, 58.00, 'IBM Network Card', 20, EMPTY\_BLOB(), 10, 1, '01-JUN-15');

1 row inserted.

SQL> INSERT INTO OrderDetails (Order\_Details\_ID, Order\_Details\_Qty, Item\_ID, Customer\_Order\_ID, Discount)

VALUES (OrderDetails\_Seq.NEXTVAL, 1, 1, 1, .05);

1 row inserted.

SQL> INSERT INTO OrderDetails (Order\_Details\_ID, Order\_Details\_Qty, Item\_ID, Customer\_Order\_ID, Discount)

VALUES (OrderDetails\_Seq.NEXTVAL, 2, 2, 1, .05);

1 row inserted.

SQL> INSERT INTO OrderDetails (Order\_Details\_ID, Order\_Details\_Qty, Item\_ID, Customer\_Order\_ID, Discount)

VALUES (OrderDetails\_Seq.NEXTVAL, 3, 3, 2, 0);

1 row inserted.

SQL> INSERT INTO OrderDetails (Order\_Details\_ID, Order\_Details\_Qty, Item\_ID, Customer\_Order\_ID, Discount)

VALUES (OrderDetails\_Seq.NEXTVAL, 4, 4, 3, .10);

1 row inserted.

SQL> INSERT INTO OrderDetails (Order\_Details\_ID, Order\_Details\_Qty, Item\_ID, Customer\_Order\_ID, Discount)

VALUES (OrderDetails\_Seq.NEXTVAL, 5, 5, 4, 0);

1 row inserted.

SQL> INSERT INTO OrderDetails (Order\_Details\_ID, Order\_Details\_Qty, Item\_ID, Customer\_Order\_ID, Discount)

VALUES (OrderDetails\_Seq.NEXTVAL, 6, 6, 5, 0);

1 row inserted.

SQL> INSERT INTO OrderDetails (Order\_Details\_ID, Order\_Details\_Qty, Item\_ID, Customer\_Order\_ID, Discount)

VALUES (OrderDetails\_Seq.NEXTVAL, 7, 7, 6, 0);

1 row inserted.

SQL> INSERT INTO OrderDetails (Order\_Details\_ID, Order\_Details\_Qty, Item\_ID, Customer\_Order\_ID, Discount)

VALUES (OrderDetails\_Seq.NEXTVAL, 8, 8, 7, 0);

1 row inserted.

SQL> INSERT INTO OrderDetails (Order\_Details\_ID, Order\_Details\_Qty, Item\_ID, Customer\_Order\_ID, Discount)

VALUES (OrderDetails\_Seq.NEXTVAL, 1, 9, 8, 0);

1 row inserted.

SQL> INSERT INTO OrderDetails (Order\_Details\_ID, Order\_Details\_Qty, Item\_ID, Customer\_Order\_ID, Discount)

VALUES (OrderDetails\_Seq.NEXTVAL, 1, 10, 9, 0);

1 row inserted.

SQL> INSERT INTO OrderDetails (Order\_Details\_ID, Order\_Details\_Qty, Item\_ID, Customer\_Order\_ID, Discount)

VALUES (OrderDetails\_Seq.NEXTVAL, 1, 11, 11, .05);

1 row inserted.

SQL> INSERT INTO OrderDetails (Order\_Details\_ID, Order\_Details\_Qty, Item\_ID, Customer\_Order\_ID, Discount)

VALUES (OrderDetails\_Seq.NEXTVAL, 2, 12, 12, .05);

1 row inserted.

SQL> INSERT INTO OrderDetails (Order\_Details\_ID, Order\_Details\_Qty, Item\_ID, Customer\_Order\_ID, Discount)

VALUES (OrderDetails\_Seq.NEXTVAL, 3, 13, 13, 0);

1 row inserted.

SQL> INSERT INTO OrderDetails (Order\_Details\_ID, Order\_Details\_Qty, Item\_ID, Customer\_Order\_ID, Discount)

VALUES (OrderDetails\_Seq.NEXTVAL, 4, 14, 14, .10);

1 row inserted.

SQL> INSERT INTO OrderDetails (Order\_Details\_ID, Order\_Details\_Qty, Item\_ID, Customer\_Order\_ID, Discount)

VALUES (OrderDetails\_Seq.NEXTVAL, 5, 15, 15, 0);

1 row inserted.

SQL> INSERT INTO OrderDetails (Order\_Details\_ID, Order\_Details\_Qty, Item\_ID, Customer\_Order\_ID, Discount)

VALUES (OrderDetails\_Seq.NEXTVAL, 6, 16, 16, 0);

1 row inserted.

SQL> INSERT INTO OrderDetails (Order\_Details\_ID, Order\_Details\_Qty, Item\_ID, Customer\_Order\_ID, Discount)

VALUES (OrderDetails\_Seq.NEXTVAL, 7, 17, 17, 0);

1 row inserted.

SQL> INSERT INTO OrderDetails (Order\_Details\_ID, Order\_Details\_Qty, Item\_ID, Customer\_Order\_ID, Discount)

VALUES (OrderDetails\_Seq.NEXTVAL, 8, 18, 18, 0);

1 row inserted.

SQL> INSERT INTO OrderDetails (Order\_Details\_ID, Order\_Details\_Qty, Item\_ID, Customer\_Order\_ID, Discount)

VALUES (OrderDetails\_Seq.NEXTVAL, 1, 19, 19, 0);

1 row inserted.

SQL> INSERT INTO OrderDetails (Order\_Details\_ID, Order\_Details\_Qty, Item\_ID, Customer\_Order\_ID, Discount)

VALUES (OrderDetails\_Seq.NEXTVAL, 1, 10, 20, 0);

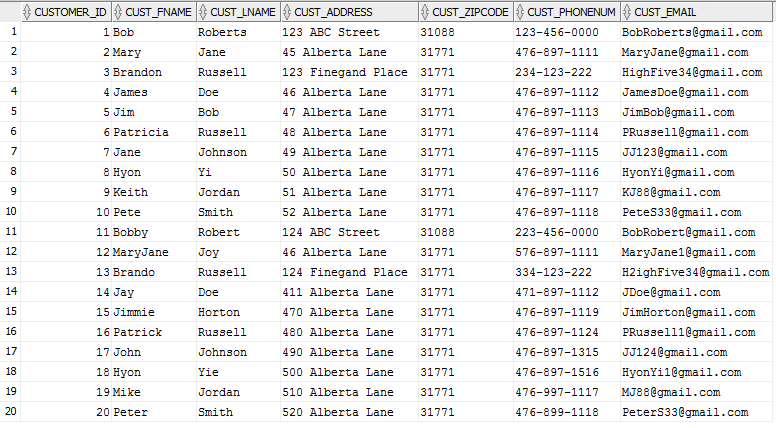
1 row inserted.

SQL> commit;

Commit complete.

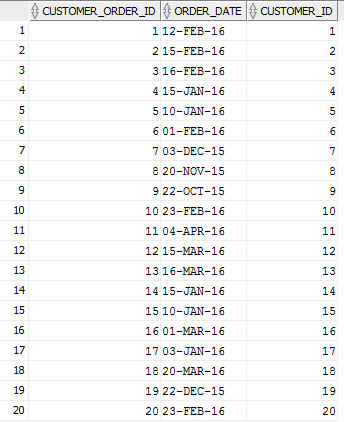
SQL> /\* Verify each tables content \*/

SQL> SELECT /\*fixed\*/ \* FROM Customer;



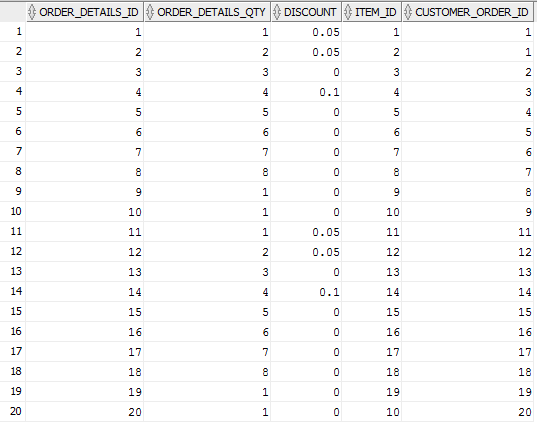
20 rows selected

SQL> SELECT /\*fixed\*/ \* FROM CustomerOrder;



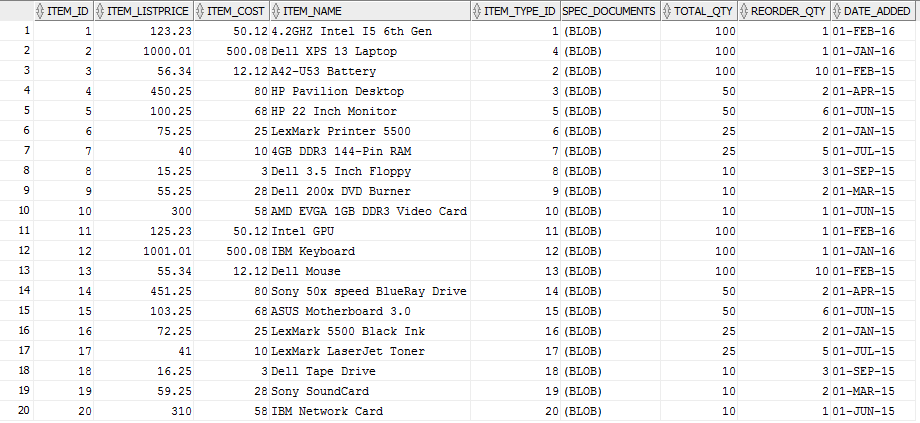
20 rows selected

SQL> SELECT /\*fixed\*/ \* FROM OrderDetails;



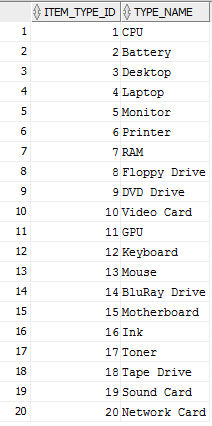
20 rows selected

SQL> SELECT /\*fixed\*/ \* FROM Item;



20 rows selected

SQL> SELECT /\*fixed\*/ \* FROM ItemType;



20 rows selected