USE DATABASE DEMO\_DATABASE;

CREATE OR REPLACE TABLE AJ\_CUSTOMER\_NAME

(

Customer\_Index int PRIMARY KEY,

CustomerNames varchar(40));

CREATE OR REPLACE TABLE AJ\_REGIONS

(

RegionIndex int PRIMARY KEY,

City varchar(40),

Country varchar(40));

CREATE OR REPLACE TABLE AJ\_PRODUCTS

(

ProductIndex int PRIMARY KEY,

Product\_Name varchar(40));

CREATE OR REPLACE TABLE AJ\_SALES\_ORDER

(

ORDERNUMBER VARCHAR (15),

ORDERDATE VARCHAR(20),

CUSTOMER\_INDEX INT PRIMARY KEY,

CHANNEL VARCHAR (15),

WAREHOUSE\_CODE VARCHAR (15),

DELIVERY\_REGION\_INDEX INT NOT NULL,

PRODUCT\_INDEX INT FOREIGN KEY REFERENCES AJ\_PRODUCTS(ProductIndex),

ORDER\_QTY INT,

UNIT\_PRICE\_USD NUMBER(7,2),

TOTAL\_REVENUE\_USD NUMBER (7,2);

SELECT \* FROM AJ\_CUSTOMER\_NAME;

SELECT \* FROM AJ\_REGIONS;

SELECT \* FROM AJ\_PRODUCTS;

SELECT \* FROM AJ\_SALES\_ORDER;

DROP VIEW AJ\_CUST\_SALES\_ORDER\_VW;

CREATE OR REPLACE TABLE AJ\_CUST\_SALES\_ORDER\_TBL AS

SELECT A.\*,B.PRODUCT\_NAME ,C.CITY,C.COUNTRY,C.CITY||'-'||C.COUNTRY AS FULL\_NAME ,D.CUSTOMERNAMES

FROM AJ\_SALES\_ORDER A

INNER JOIN AJ\_PRODUCTS B ON A.PRODUCT\_INDEX = B.PRODUCTINDEX

INNER JOIN AJ\_REGIONS C ON A.DELIVERY\_REGION\_INDEX = C.REGIONINDEX

INNER JOIN AJ\_CUSTOMER\_NAME D ON A.CUSTOMER\_INDEX = D.CUSTOMER\_INDEX;

DESCRIBE TABLE AJ\_CUST\_SALES\_ORDER\_TBL;

--SELECT TO\_CHAR(ORDERDATE,'DD-MM-YYYY') AS DATE

SELECT \* FROM AJ\_CUST\_SALES\_ORDER\_TBL;

ALTER TABLE AJ\_CUST\_SALES\_ORDER\_TBL

MODIFY COLUMN ORDERDATE DATE;

ALTER TABLE AJ\_CUST\_SALES\_ORDER\_TBL

MODIFY ORDERDATE date;

SELECT TO\_CHAR(ORDERDATE,'DD-MM-YYYY') AS DATE;