CREATE DATABASE STORE;  
  
#COUNTRIES TABLE  
CREATE TABLE COUNTRIES(  
 CODE INT PRIMARY KEY ,  
 NAME VARCHAR(20) UNIQUE ,  
 COUTINENT\_NAME VARCHAR(20) NOT NULL  
);  
DROP TABLE COUNTRIES;  
  
#USERS TABLE  
CREATE TABLE USERS(  
 ID INT PRIMARY KEY ,  
 FULL\_NAME VARCHAR(20) ,  
 EMAIL VARCHAR(20) UNIQUE ,  
 GENDER VARCHAR(1) CHECK (GENDER='M' OR GENDER='F'),  
 DATE\_OF\_BIRTH VARCHAR(15),  
 CREATE\_AT DATETIME,  
 COUNTRY\_CODE INT, # MUST CREATE A RELATION HERE!  
 FOREIGN KEY (COUNTRY\_CODE) REFERENCES COUNTRIES(CODE)  
);  
DROP TABLE USERS;  
  
#ORDERS TABLE  
CREATE TABLE ORDERS(  
 ID INT PRIMARY KEY ,  
 USER\_ID INT,  
 STATUS VARCHAR(6) CHECK ( STATUS='START' OR STATUS='FINISH'),  
 CREATED\_AT DATETIME,  
 FOREIGN KEY (USER\_ID) REFERENCES USERS(ID)  
);  
SELECT \* FROM ORDERS;  
DROP TABLE ORDERS;  
  
#ORDER\_PRODUCTS TABLE  
CREATE TABLE ORDER\_PRODUCTS(  
 ORDER\_ID INT,  
 PRODUCT\_ID INT,  
 QUANTITY INT DEFAULT 0,  
 FOREIGN KEY (ORDER\_ID) REFERENCES ORDERS(ID),  
 FOREIGN KEY (PRODUCT\_ID) REFERENCES PRODUCTS(ID)  
  
);  
DROP TABLE ORDER\_PRODUCTS;  
  
#PRODUCTS TABLE  
CREATE TABLE PRODUCTS(  
 ID INT PRIMARY KEY ,  
 NAME VARCHAR(10) NOT NULL ,  
 PRICE INT DEFAULT 0,  
 STATUS VARCHAR(10) CHECK ( STATUS='VALID' OR STATUS='EXPIRED' ),  
 CREATED\_AT DATETIME  
);  
  
DROP TABLE PRODUCTS;  
  
# DML - INSERT FOR COUNTRIES!  
INSERT INTO COUNTRIES VALUES (1, 'SAUDI', 'Asia');  
INSERT INTO COUNTRIES VALUES (2, 'KUWAIT', 'Asia');  
SELECT \* FROM COUNTRIES;  
  
# DML - INSERT FOR USERS!  
INSERT INTO USERS VALUES (1, 'MOHAMMED', 'MOHAMMED@GMAIL.COM', 'M', '15-10-1986', *now*(), 1);  
INSERT INTO USERS VALUES (2, 'AHMED', 'AHMED@GMAIL.COM', 'M', '01-02-1995', *now*(), 2);  
SELECT \* FROM USERS;  
  
# DML - INSERT FOR ORDERS!  
INSERT INTO ORDERS VALUES(1,1, 'START', *NOW*());  
INSERT INTO ORDERS VALUES(2,1, 'FINISH', *NOW*());  
SELECT \* FROM ORDERS;  
  
# DML - INSERT FOR PRODUCTS!  
INSERT INTO PRODUCTS VALUES(1, 'PRODUCT 1', 50, 'VALID',*NOW*());  
INSERT INTO PRODUCTS VALUES(2, 'PRODUCT 2', 150, 'EXPIRED',*NOW*());  
INSERT INTO PRODUCTS VALUES(3, 'SnackCakes ', 12, 'VALID',*NOW*());  
INSERT INTO PRODUCTS VALUES(4, 'Sandwiches', 10, 'VALID',*NOW*());  
INSERT INTO PRODUCTS VALUES(5, 'Coffee', 7, 'VALID',*NOW*());  
SELECT \* FROM PRODUCTS;  
# DML - UPDATE FOR PRODUCT!  
UPDATE PRODUCTS SET NAME='Milk', PRICE=13 WHERE ID = 1;  
UPDATE PRODUCTS SET NAME='Bread', PRICE=5, STATUS='VALID' WHERE ID = 2;  
  
# DML - INSERT FOR ORDER\_PRODUCTS!  
INSERT INTO ORDER\_PRODUCTS VALUES(1, 1, 10);  
INSERT INTO ORDER\_PRODUCTS VALUES(2, 2, 1);  
SELECT \* FROM ORDER\_PRODUCTS;  
  
# DML - UPDATE FOR COUNTRIES!  
UPDATE COUNTRIES SET NAME='UEA' WHERE CODE='2';  
SELECT \* FROM COUNTRIES;  
  
# DML - DELETE FROM PRODUCT!  
DELETE FROM PRODUCTS WHERE ID = 3;  
SELECT \* FROM PRODUCTS;