

























Command:

-- Create table

CREATE TABLE comm\_product\_color (

color\_id INT PRIMARY KEY,

color\_name VARCHAR(255)NOT NULL,

product\_image VARCHAR(255)

);

CREATE TABLE comm\_product\_size (

size\_id INT PRIMARY KEY,

size\_description VARCHAR(255)NOT NULL

);

CREATE TABLE comm\_product\_category (

category\_id INT PRIMARY KEY,

category\_name VARCHAR(255)NOT NULL

);

CREATE TABLE comm\_product\_brand (

brand\_id INT PRIMARY KEY,

brand\_name VARCHAR(255)NOT NULL

);

CREATE TABLE comm\_customer (

customer\_id INT PRIMARY KEY,

first\_name VARCHAR(255) NOT NULL,

last\_name VARCHAR(255) NOT NULL,

email VARCHAR(255) NOT NULL,

phone VARCHAR(255) NOT NULL,

street VARCHAR(255)NOT NULL,

zip\_code VARCHAR(255) NOT NULL,

province VARCHAR(255) NOT NULL

);

CREATE TABLE comm\_product (

product\_id INT PRIMARY KEY,

product\_name VARCHAR(255),

brand\_id INT NOT NULL,

color\_id INT NOT NULL,

size\_id INT NOT NULL,

category\_id INT NOT NULL,

product\_price DECIMAL(10,2),

FOREIGN KEY (brand\_id) REFERENCES comm\_product\_brand(brand\_id),

FOREIGN KEY (color\_id) REFERENCES comm\_product\_color(color\_id),

FOREIGN KEY (size\_id) REFERENCES comm\_product\_size(size\_id),

FOREIGN KEY (category\_id) REFERENCES comm\_product\_category(category\_id)

);

CREATE TABLE comm\_payment (

payment\_id INT PRIMARY KEY,

customer\_id INT,

payment\_date DATE,

payment\_method VARCHAR(255)NOT NULL,

amount DECIMAL(10,2) NOT NULL,

FOREIGN KEY (customer\_id) REFERENCES comm\_customer(customer\_id)

);

CREATE TABLE comm\_shipping (

shipping\_id INT PRIMARY KEY,

shipped\_date DATE,

customer\_id INT,

status INT NOT NULL,

-- (1:processing, 2:rejected, 3:shipped)

FOREIGN KEY (customer\_id) REFERENCES comm\_customer(customer\_id)

);

CREATE TABLE comm\_shopping\_cart (

cart\_id INT PRIMARY KEY,

customer\_id INT,

product\_id INT,

quantity INT,

FOREIGN KEY (customer\_id) REFERENCES comm\_customer(customer\_id),

FOREIGN KEY ( product\_id) REFERENCES comm\_product(product\_id)

);

CREATE TABLE comm\_order (

order\_id INT PRIMARY KEY,

customer\_id INT,

payment\_id INT,

shipping\_id INT,

order\_date DATE,

total\_price DECIMAL(10,2),

FOREIGN KEY (customer\_id) REFERENCES comm\_customer(customer\_id),

FOREIGN KEY (payment\_id) REFERENCES comm\_payment(payment\_id),

FOREIGN KEY (shipping\_id) REFERENCES comm\_shipping(shipping\_id)

);

CREATE TABLE comm\_order\_item (

order\_item\_id INT,

quantity INT,

price DECIMAL(10,2),

product\_id INT,

order\_id INT,

PRIMARY KEY(order\_item\_id,order\_id),

FOREIGN KEY ( product\_id) REFERENCES comm\_product(product\_id),

FOREIGN KEY ( order\_id) REFERENCES comm\_order(order\_id)

);

-- Insert records

INSERT ALL

INTO COMM\_CUSTOMER(CUSTOMER\_ID,FIRST\_NAME,LAST\_NAME,EMAIL,PHONE,STREET,ZIP\_CODE,PROVINCE) VALUES(1,'John','Block','bjohn@gmail.com','437-222-5623','Ossington Ave','M3G 6T7','ON')

INTO COMM\_CUSTOMER(CUSTOMER\_ID,FIRST\_NAME,LAST\_NAME,EMAIL,PHONE,STREET,ZIP\_CODE,PROVINCE) VALUES(2,'Diana','Smith','sdiana@gmail.com','437-888-7777','St.George Ave','O3N 6T7','BC')

INTO COMM\_CUSTOMER(CUSTOMER\_ID,FIRST\_NAME,LAST\_NAME,EMAIL,PHONE,STREET,ZIP\_CODE,PROVINCE) VALUES(3,'John','Block','bjohn@gmail.com','437-222-5623','Ossington Ave','T6H 6T7','ON')

INTO COMM\_CUSTOMER(CUSTOMER\_ID,FIRST\_NAME,LAST\_NAME,EMAIL,PHONE,STREET,ZIP\_CODE,PROVINCE) VALUES(4,'John','Block','bjohn@gmail.com','437-222-5623','Ossington Ave','M3G F5G','BC')

INTO COMM\_CUSTOMER(CUSTOMER\_ID,FIRST\_NAME,LAST\_NAME,EMAIL,PHONE,STREET,ZIP\_CODE,PROVINCE) VALUES(5,'John','Block','bjohn@gmail.com','437-222-5623','Ossington Ave','U3G 6T7','ON')

SELECT 1 FROM DUAL;

INSERT ALL

INTO COMM\_PRODUCT\_BRAND(BRAND\_ID,BRAND\_NAME) VALUES(100001,'HM')

INTO COMM\_PRODUCT\_BRAND(BRAND\_ID,BRAND\_NAME) VALUES(100002,'Tommy')

INTO COMM\_PRODUCT\_BRAND(BRAND\_ID,BRAND\_NAME) VALUES(100003,'Caribbean')

INTO COMM\_PRODUCT\_BRAND(BRAND\_ID,BRAND\_NAME) VALUES(100004,'Emy')

INTO COMM\_PRODUCT\_BRAND(BRAND\_ID,BRAND\_NAME) VALUES(100005,'Channel')

SELECT 1 FROM DUAL;

INSERT ALL

INTO COMM\_PRODUCT\_CATEGORY(CATEGORY\_ID,CATEGORY\_NAME) VALUES(101,'T-shirt')

INTO COMM\_PRODUCT\_CATEGORY(CATEGORY\_ID,CATEGORY\_NAME) VALUES(102,'Skirt')

INTO COMM\_PRODUCT\_CATEGORY(CATEGORY\_ID,CATEGORY\_NAME) VALUES(103,'Short')

INTO COMM\_PRODUCT\_CATEGORY(CATEGORY\_ID,CATEGORY\_NAME) VALUES(104,'Coat')

INTO COMM\_PRODUCT\_CATEGORY(CATEGORY\_ID,CATEGORY\_NAME) VALUES(105,'Pants')

SELECT 1 FROM DUAL;

INSERT ALL

INTO COMM\_PRODUCT\_COLOR(COLOR\_ID,COLOR\_NAME,PRODUCT\_IMAGE) VALUES(1001,'Red','')

INTO COMM\_PRODUCT\_COLOR(COLOR\_ID,COLOR\_NAME,PRODUCT\_IMAGE) VALUES(1002,'Blue','')

INTO COMM\_PRODUCT\_COLOR(COLOR\_ID,COLOR\_NAME,PRODUCT\_IMAGE) VALUES(1003,'Green','')

INTO COMM\_PRODUCT\_COLOR(COLOR\_ID,COLOR\_NAME,PRODUCT\_IMAGE) VALUES(1004,'Black','')

INTO COMM\_PRODUCT\_COLOR(COLOR\_ID,COLOR\_NAME,PRODUCT\_IMAGE) VALUES(1005,'White','')

SELECT 1 FROM DUAL;

INSERT ALL

INTO COMM\_PRODUCT\_SIZE(SIZE\_ID,SIZE\_DESCRIPTION) VALUES(101,'extra small')

INTO COMM\_PRODUCT\_SIZE(SIZE\_ID,SIZE\_DESCRIPTION) VALUES(102,'small')

INTO COMM\_PRODUCT\_SIZE(SIZE\_ID,SIZE\_DESCRIPTION) VALUES(103,'medium')

INTO COMM\_PRODUCT\_SIZE(SIZE\_ID,SIZE\_DESCRIPTION) VALUES(104,'large')

INTO COMM\_PRODUCT\_SIZE(SIZE\_ID,SIZE\_DESCRIPTION) VALUES(105,'extra large')

SELECT 1 FROM DUAL;

INSERT ALL

INTO COMM\_PRODUCT(PRODUCT\_ID,PRODUCT\_NAME,BRAND\_ID,COLOR\_ID,SIZE\_ID,CATEGORY\_ID,PRODUCT\_PRICE) VALUES(101,'long sleeve t-shirt',100001,1001,101,101,20)

INTO COMM\_PRODUCT(PRODUCT\_ID,PRODUCT\_NAME,BRAND\_ID,COLOR\_ID,SIZE\_ID,CATEGORY\_ID,PRODUCT\_PRICE) VALUES(102,'long skirt',100002,1002,102,102,13)

INTO COMM\_PRODUCT(PRODUCT\_ID,PRODUCT\_NAME,BRAND\_ID,COLOR\_ID,SIZE\_ID,CATEGORY\_ID,PRODUCT\_PRICE) VALUES(103,'shorts',100003,1003,103,103,22)

INTO COMM\_PRODUCT(PRODUCT\_ID,PRODUCT\_NAME,BRAND\_ID,COLOR\_ID,SIZE\_ID,CATEGORY\_ID,PRODUCT\_PRICE) VALUES(104,'long coat',100004,1004,104,104,55)

INTO COMM\_PRODUCT(PRODUCT\_ID,PRODUCT\_NAME,BRAND\_ID,COLOR\_ID,SIZE\_ID,CATEGORY\_ID,PRODUCT\_PRICE) VALUES(105,'pants',100005,1005,105,105,19)

SELECT 1 FROM DUAL;

INSERT ALL

INTO COMM\_SHIPPING(SHIPPING\_ID,SHIPPED\_DATE,CUSTOMER\_ID,STATUS) VALUES(1000001,'2024-01-05',1,101)

INTO COMM\_SHIPPING(SHIPPING\_ID,SHIPPED\_DATE,CUSTOMER\_ID,STATUS) VALUES(1000002,'2024-02-05',2,100)

INTO COMM\_SHIPPING(SHIPPING\_ID,SHIPPED\_DATE,CUSTOMER\_ID,STATUS) VALUES(1000003,'2024-03-05',3,103)

INTO COMM\_SHIPPING(SHIPPING\_ID,SHIPPED\_DATE,CUSTOMER\_ID,STATUS) VALUES(1000004,'2024-04-05',4,104)

INTO COMM\_SHIPPING(SHIPPING\_ID,SHIPPED\_DATE,CUSTOMER\_ID,STATUS) VALUES(1000005,'2024-05-05',5,105)

SELECT 1 FROM DUAL;

INSERT ALL

INTO COMM\_PAYMENT(PAYMENT\_ID,CUSTOMER\_ID,PAYMENT\_DATE,PAYMENT\_METHOD,AMOUNT) VALUES(1001,1,'24-JAN-01','credit',200)

INTO COMM\_PAYMENT(PAYMENT\_ID,CUSTOMER\_ID,PAYMENT\_DATE,PAYMENT\_METHOD,AMOUNT) VALUES(1002,2,'24-FEB-01','credit',450)

INTO COMM\_PAYMENT(PAYMENT\_ID,CUSTOMER\_ID,PAYMENT\_DATE,PAYMENT\_METHOD,AMOUNT) VALUES(1003,3,'24-MAR-01','credit',330)

INTO COMM\_PAYMENT(PAYMENT\_ID,CUSTOMER\_ID,PAYMENT\_DATE,PAYMENT\_METHOD,AMOUNT) VALUES(1004,4,'24-APR-01','credit',770)

INTO COMM\_PAYMENT(PAYMENT\_ID,CUSTOMER\_ID,PAYMENT\_DATE,PAYMENT\_METHOD,AMOUNT) VALUES(1005,5,'24-MAY-01','credit',590)

SELECT 1 FROM DUAL;

INSERT ALL

INTO COMM\_ORDER(ORDER\_ID,CUSTOMER\_ID,PAYMENT\_ID,SHIPPING\_ID,ORDER\_DATE,TOTAL\_PRICE) VALUES(111,1,1001,1000001,'24-JAN-01',200)

INTO COMM\_ORDER(ORDER\_ID,CUSTOMER\_ID,PAYMENT\_ID,SHIPPING\_ID,ORDER\_DATE,TOTAL\_PRICE) VALUES(112,2,1002,1000002,'24-FEB-01',450)

INTO COMM\_ORDER(ORDER\_ID,CUSTOMER\_ID,PAYMENT\_ID,SHIPPING\_ID,ORDER\_DATE,TOTAL\_PRICE) VALUES(113,3,1003,1000003,'24-MAR-01',330)

INTO COMM\_ORDER(ORDER\_ID,CUSTOMER\_ID,PAYMENT\_ID,SHIPPING\_ID,ORDER\_DATE,TOTAL\_PRICE) VALUES(114,4,1004,1000004,'24-APR-01',770)

INTO COMM\_ORDER(ORDER\_ID,CUSTOMER\_ID,PAYMENT\_ID,SHIPPING\_ID,ORDER\_DATE,TOTAL\_PRICE) VALUES(115,5,1005,1000005,'24-MAY-01',590)

SELECT 1 FROM DUAL;

INSERT ALL

INTO COMM\_ORDER\_ITEM(ORDER\_ITEM\_ID,QUANTITY,PRICE,PRODUCT\_ID,ORDER\_ID) VALUES(0001,100,20,101,111)

INTO COMM\_ORDER\_ITEM(ORDER\_ITEM\_ID,QUANTITY,PRICE,PRODUCT\_ID,ORDER\_ID) VALUES(0002,190,13,102,112)

INTO COMM\_ORDER\_ITEM(ORDER\_ITEM\_ID,QUANTITY,PRICE,PRODUCT\_ID,ORDER\_ID) VALUES(0003,140,22,103,113)

INTO COMM\_ORDER\_ITEM(ORDER\_ITEM\_ID,QUANTITY,PRICE,PRODUCT\_ID,ORDER\_ID) VALUES(0004,600,55,104,114)

INTO COMM\_ORDER\_ITEM(ORDER\_ITEM\_ID,QUANTITY,PRICE,PRODUCT\_ID,ORDER\_ID) VALUES(0005,400,19,105,115)

SELECT 1 FROM DUAL;

INSERT ALL

INTO COMM\_SHOPPING\_CART(CART\_ID,CUSTOMER\_ID,PRODUCT\_ID,QUANTITY) VALUES(101,1,101,3)

INTO COMM\_SHOPPING\_CART(CART\_ID,CUSTOMER\_ID,PRODUCT\_ID,QUANTITY) VALUES(102,2,102,4)

INTO COMM\_SHOPPING\_CART(CART\_ID,CUSTOMER\_ID,PRODUCT\_ID,QUANTITY) VALUES(103,3,103,5)

INTO COMM\_SHOPPING\_CART(CART\_ID,CUSTOMER\_ID,PRODUCT\_ID,QUANTITY) VALUES(104,4,104,6)

INTO COMM\_SHOPPING\_CART(CART\_ID,CUSTOMER\_ID,PRODUCT\_ID,QUANTITY) VALUES(105,5,105,7)

SELECT 1 FROM DUAL;

