CREATE TABLE [Dim\_Product] (

Product\_ID INT PRIMARY KEY IDENTITY,

Product\_Name VARCHAR(50),

Skin\_Type VARCHAR(50),

Packaging\_Type VARCHAR(50),

Main\_Ingredient VARCHAR(50),

Gender\_Target VARCHAR(50),

Product\_Size INT,

Cruelty\_Free BIT,

Category\_ID INT

);

CREATE TABLE [Dim\_Category] (

Category\_ID INT PRIMARY KEY IDENTITY,

Category VARCHAR(50)

);

CREATE TABLE [Dim\_Brand] (

Brand\_ID INT PRIMARY KEY IDENTITY,

Brand VARCHAR(50)

);

CREATE TABLE [Dim\_Country] (

Country\_ID INT PRIMARY KEY IDENTITY,

Country\_of\_Origin VARCHAR(50)

);

CREATE TABLE [Fact] (

Fact\_ID INT PRIMARY KEY IDENTITY,

Product\_ID INT,

Brand\_ID INT,

Country\_ID INT,

Price\_USD FLOAT,

Rating FLOAT,

Number\_of\_Reviews INT

);

USE IS217

GO

SELECT \* FROM Dim\_Product;

SELECT \* FROM Dim\_Country;

SELECT \* FROM Dim\_Category;

SELECT \* FROM Dim\_Brand;

SELECT \* FROM Fact;

ALTER TABLE Fact

ADD CONSTRAINT FK\_Fact\_Product

FOREIGN KEY (Product\_ID) REFERENCES Dim\_Product(Product\_ID);

ALTER TABLE Fact

ADD CONSTRAINT FK\_Fact\_Brand

FOREIGN KEY (Brand\_ID) REFERENCES Dim\_Brand(Brand\_ID);

ALTER TABLE Fact

ADD CONSTRAINT FK\_Fact\_Country

FOREIGN KEY (Country\_ID) REFERENCES Dim\_Country(Country\_ID);

ALTER TABLE Dim\_Product

ADD CONSTRAINT FK\_Product\_Category

FOREIGN KEY (Category\_ID) REFERENCES Dim\_Category(Category\_ID);

ALTER TABLE Fact

DROP CONSTRAINT FK\_Fact\_Product;

ALTER TABLE Dim\_Product

DROP CONSTRAINT FK\_Product\_Category;

ALTER TABLE Fact

DROP CONSTRAINT FK\_Fact\_Brand;

ALTER TABLE Fact

DROP CONSTRAINT FK\_Fact\_Country;

DELETE FROM Dim\_Product;

DELETE FROM Dim\_Brand;

DELETE FROM Dim\_Category;

DELETE FROM Dim\_Country;

DELETE FROM Fact