CREATE DATABASE skincare;

USE skincare;

-- Create the Results Table

CREATE TABLE Results (

ResultsID INT PRIMARY KEY AUTO\_INCREMENT NOT NULL,

Skin\_description TEXT,

Skincare\_routine TEXT,

Recommended\_products TEXT

);

-- Create the Users Table with a Foreign Key Constraint

CREATE TABLE Users (

UserID INT PRIMARY KEY AUTO\_INCREMENT NOT NULL,

FirstName VARCHAR(50),

LastName VARCHAR(50),

Email VARCHAR(50),

UserName VARCHAR(50),

ResultsID INT, -- This is the foreign key column

FOREIGN KEY (ResultsID) REFERENCES Results(ResultsID)

);

-- Create the table for user information

CREATE TABLE UserInfo (

Skin\_type VARCHAR(50) NOT NULL,

Age INT,

Ethnicity VARCHAR(50),

Gender VARCHAR(30),

Environment VARCHAR(50),

Medication VARCHAR(50)

);

-- Populate Users table with data

INSERT INTO Users (UserID, FirstName, LastName, Email, Username)

VALUES ('0009','Lauren','Southall','lauren.southall@example.com','laso09'),

('0005','Jessica','Palmer','jessica.palmer@example.com','jessp05'),

('0001','Mimi','Brown','mimi.brown@example.com','mimib01'),

('0002','Nasra','Hussein','nasra.hussein@example.com','nas02'),

('0003','Minka','Ansa','minka.ansa@example.com','mink03'),

('0004','Remi','Xue','remi.xue@example.com','xue04');

-- Insert information into the Userinfo

INSERT INTO UserInfo (Skin\_type, Age, Ethnicity, Gender, Environment, Medication)

VALUES ('Ageing','28','White British','Female','Rural','Norethisterone'),

('Combination','32','Mixed Ethnic Group','Female','Rural','Antihistamine'),

('Dry skin','30','Asian British','Female','Urban','Naproxen'),

('Normal skin','21','Other','Female','Suburban','None'),

('Oily skin','24','Black British','Female','Rural','Roaccutane'),

('Acne prone','29','White Other','Female','Urban','Levest');

-- Insert information for results

INSERT INTO Results (ResultsID, Skin\_description, Skincare\_routine, Recommended\_products)

VALUES ('123', 'Ageing skin experiences signs of ageing such as fine lines, wrinkles, and loss of elasticity. Skincare for ageing skin often focuses on anti-ageing ingredients and hydration to minimise the visible effects of ageing','cleanser, moisturiser with spf, weekly mask, eyecream, hydration', 'Glucoside foaming cleanser, Squalane cleanser, Glycolic acid 7% toning solution, Pynogenol 5%, EUK 134 0.1%, Natural moisturising factors + HA, Mineral UV factors SPF 30 with antioxidants'),

('456','Combination skin has a mix of characteristics, often with an oily T-zone (forehead, nose, and chin) and drier or normal skin on the cheeks. It requires a tailored skincare approach','cleanser, toner, moisturiser, sunscreen, treatment, eyecream, masks','Glycopid cream, Squalane cleanser, Glycolic acid 7% toning solution, Hyaluronic acid 2% + B5, Plant-derived squalane, Natural moisturising factors + HA, Mineral UV factors SPF 30 with antioxidants'),

('789','Dry skin lacks moisture and can feel tight, rough, or flaky. It may be sensitive and prone to irritation. Dry skin requires hydration to maintain its moisture balance','cleanser, moisturiser, sunscreen (morning), hydration Boost (optional), lip balm, exfoliation (1-2 times a week), treatment (optional)','Glycopid cream, Squalane cleanser, Glycolic acid 7% toning solution, Hyaluronic acid 2% + B5, Natural moisturising factors + HA, Mineral UV factors SPF 30 with antioxidants'),

('321','Normal skin is well-balanced and not too oily or too dry. It has small pores, a smooth texture, and is generally free from sensitivity or excessive dryness','cleanser, moisturiser, weekly exfoliation, hydration','Glycopid cream, Squalane cleanser, Glycolic acid 7% toning solution, Multi-peptide + HA Serum, Granactive Retinoid 2% Emulsion, Natural moisturising factors + HA, Mineral UV factors SPF 30 with antioxidants'),

('654','Oily skin is characterised by excess sebum production, which can lead to a shiny or greasy appearance. It is prone to enlarged pores and is more susceptible to acne and blackheads','cleanser, moisturiser, sunscreen, optional creams, exfoliation, nightcream', 'Glucoside foaming cleanser, Squalane cleanser,Glycolic acid 7% toning solution, Niacinamide 10% + zinc 1%, Natural moisturising factors + HA, Salicylic acid 2% Masque, Mineral UV factors SPF 30 with antioxidants'),

('987','Acne-prone skin is susceptible to frequent breakouts, including blackheads, whiteheads, and spots. It may require specialised products to manage acne','cleanser, moisturiser, sunscreen, spot treatment, ocassinally exfoliation, healthy lifestyle','Glucoside foaming cleanser, Squalane cleanser, Glycolic acid 7% toning solution, Salicylic Acid 2% Solution, Natural moisturising factors + Beta Glucan, Mineral UV factors SPF 30 with antioxidants');