CREATE DATABASE ecommerce;

GO

USE ecommerce;

GO

CREATE SCHEMA task1Schema;

GO

CREATE TABLE task1Schema.customers(

ID int primary key,

firstName varchar(50) not null,

lastName varchar(50) not null,

email varchar(50) not null,

password varchar(50) not null,

phone VARCHAR(20),

address VARCHAR(255),

city VARCHAR(100),

state VARCHAR(50),

country VARCHAR(50),

postal\_code VARCHAR(20),

date\_registered DATE,

is\_active BIT

);

GO

INSERT INTO task1Schema.customers (ID, firstName, lastName, email, password, phone, address, city, state, country, postal\_code, date\_registered, is\_active)

VALUES

(1, 'Alice', 'Johnson', 'alice.johnson@example.com', 'password123', '123-456-7890', '123 Main St', 'Anytown', 'CA', 'USA', '12345', '2023-01-15', 1),

(2, 'Bob', 'Smith', 'bob.smith@example.com', 'password456', '987-654-3210', '456 Elm St', 'Sometown', 'NY', 'USA', '54321', '2022-05-10', 1);

GO

CREATE TABLE task1Schema.orders (

ID INT PRIMARY KEY,

customerID INT REFERENCES task1Schema.customers(ID),

productID INT REFERENCES task1Schema.Products(ProductID),

orderDate DATE,

status BIT,

amount VARCHAR(50)

);

GO

INSERT INTO task1Schema.orders (ID, customerID, productID, orderDate, status, amount)

VALUES

(1, 1, 1, '2023-06-20', 1, '1200.00'),

(2, 2, 2, '2023-06-21', 1, '150.00');

GO

CREATE TABLE task1Schema.Products (

ProductID INT PRIMARY KEY,

ProductName VARCHAR(100) NOT NULL,

Description VARCHAR(255),

Price DECIMAL(10, 2),

Category VARCHAR(50),

StockQuantity INT,

IsActive BIT DEFAULT 1

);

GO

INSERT INTO task1Schema.Products (ProductID, ProductName, Description, Price, Category, StockQuantity)

VALUES

(1, 'Laptop', 'High-performance laptop', 1200.00, 'Electronics', 50),

(2, 'Desk Chair', 'Comfortable office chair', 150.00, 'Furniture', 100),

(3, 'Headphones', 'Noise-cancelling headphones', 250.00, 'Electronics', 30);

GO

CREATE TABLE task1Schema.Employees (

EmployeeID INT PRIMARY KEY,

FirstName VARCHAR(50) NOT NULL,

LastName VARCHAR(50) NOT NULL,

Email VARCHAR(100) UNIQUE,

Phone VARCHAR(20),

Address VARCHAR(255),

City VARCHAR(100),

State VARCHAR(50),

Country VARCHAR(50),

PostalCode VARCHAR(20),

HireDate DATE,

Salary DECIMAL(10, 2)

);

GO

INSERT INTO task1Schema.Employees (EmployeeID, FirstName, LastName, Email, Phone, Address, City, State, Country, PostalCode, HireDate, Salary)

VALUES

(1, 'John', 'Doe', 'johndoe@example.com', '123-456-7890', '123 Main St', 'Anytown', 'CA', 'USA', '12345', '2023-01-15', 60000.00),

(2, 'Jane', 'Smith', 'janesmith@example.com', '987-654-3210', '456 Elm St', 'Sometown', 'NY', 'USA', '54321', '2022-05-10', 75000.00),

(3, 'Michael', 'Johnson', 'michaeljohnson@example.com', '555-123-4567', '789 Oak Ave', 'Othercity', 'TX', 'USA', '67890', '2023-03-20', 80000.00);

GO