**Assignment 2: DDL Operations for Product Entity**

**1. Create Table**

CREATE TABLE Product (

ProductID INT PRIMARY KEY AUTO\_INCREMENT,

ProductName VARCHAR(100) NOT NULL,

Category VARCHAR(50),

Price DECIMAL(10, 2),

Quantity INT,

Supplier VARCHAR(100),

DateAdded DATE,

Description TEXT

);

**2. Drop Table**

DROP TABLE Product;

**3. Alter Table**

a. Add Column

ALTER TABLE Product

ADD WarrantyPeriod INT;

b. Modify Column

ALTER TABLE Product

MODIFY COLUMN Price DECIMAL(12, 2);

c. Drop Column

ALTER TABLE Product

DROP COLUMN WarrantyPeriod;

**4. Rename Table**

ALTER TABLE Product

RENAME TO ProductDetails;