**Lesson 21 Cíntia Domingos**

**Beet Seed**

**1.**

CREATE DATABASE Lesson21\_Homework;

USE Lesson21\_Homework;

CREATE TABLE Shopping\_List (

ID INT AUTO\_INCREMENT PRIMARY KEY,

Product\_Name VARCHAR(255),

Price FLOAT(7, 2),

Quantity INT

);

2.

INSERT INTO Shopping\_List (Product\_Name, Price, Quantity)

VALUES ('Apple', 0.5, 10),

('Pear', 0.6, 15),

('Mango', 1, 20),

('Banana', 0.75, 30),

('Cherry', 3, 15),

('Flour', 2, 20),

('Potatoes', 5, 40),

('Spaghetti', 1.5, 35),

('Lettuce', 0.4, 5),

('Tomato', 0.2, 8);

3. SELECT \* FROM Shopping\_List;

**Beet Sprout**

2.

USE Lesson21\_Homework;

CREATE TABLE Fridge (

Item\_ID INT AUTO\_INCREMENT PRIMARY KEY,

Product\_ID INT,

Product\_Name VARCHAR(255),

Quantity INT,

Expiration\_Date DATE,

FOREIGN KEY (Product\_ID) REFERENCES Shopping\_List(ID)

);

3. – 5.

INSERT INTO Fridge

VALUES (1, 1, 'Apple', 2, '2024-03-01'),

(2, 2, 'Pear', 1, '2024-03-02'),

(3, 3, 'Mango', 3, '2024-03-01'),

(4, 10, 'Tomato', 5, '2024-02-28'),

(5, 5, 'Cherry', 6, '2024-03-01'),

(6, NULL, 'Milk', 2, '2024-02-26'),

(7, NULL, 'Yoghurt', 4, '2024-02-26'),

(8, NULL, 'Tofu', 1, '2024-03-01'),

(9, NULL, 'Butter', 1, '2024-03-10'),

(10, NULL, 'Mushrooms', 5, '2024-02-28');

**Mighty Beet**

2.

INSERT INTO Fridge

VALUES (11, 7, 'Potatoes', 5, '2024-02-29'),

(12, 8, 'Spaghetti', 2, '2024-02-27'),

(13, 9, 'Lettuce', 1, '2024-02-25'),

(14, 4, 'Banana', 0.2, '2024-02-29'),

(15, NULL, 'Broccoli', 1, '2024-02-29');

3.

SELECT \* FROM Fridge

WHERE Fridge.Product\_ID is NULL;