Basic Retrieval:

Retrieve all information from the table.

Retrieve the names of all food items in the table.

Retrieve the calories and protein content for all food items.

Retrieve distinct categories present in the table.

Retrieve the average calories for all food items.

Retrieve the highest protein content among all food items.

Retrieve the lowest fat content among all food items.

Retrieve food items that have more than 20 grams of carbs.

Retrieve food items that contain the word "Salad" in their name.

Retrieve the top 5 food items with the highest fiber content.

Filtering with WHERE:

Retrieve food items with calories greater than 300.

Retrieve food items with protein content less than 10 grams.

Retrieve food items with fat content between 5 and 15 grams.

Retrieve food items with carbs less than 30 grams and fiber greater than 5 grams.

Retrieve food items with Zero fiber content.

Logical Operators:

Retrieve food items that have calories greater than 250 and protein content greater than 15 grams.

Retrieve food items with fat content less than 5 grams or carbs greater than 40 grams.

Retrieve food items with calories greater than 400 and protein content less than 10 grams.

Retrieve food items that are either in the 'Vegetables' category or have more than 20 grams of fiber.

Retrieve food items that are not in the 'Desserts' category.

IN and NOT IN:

Retrieve food items in the 'Fruits' and 'Snacks' categories.

Retrieve food items not in the 'Beverages' category.

Retrieve food items with more than 10 grams of protein and not in the 'Meat' category.

Retrieve food items in the 'Dairy' category or not in the 'Grains' category.

GROUP BY and Aggregation:

Calculate the total calories for each category.

Find the average protein content for each category.

Count the number of food items in each category.

Retrieve the highest calorie food item in each category.

Calculate the total fiber content for the 'Bakery' category.

ORDER BY:

Retrieve food items ordered by calories in descending order.

Retrieve food items ordered by protein content in ascending order.

Retrieve food items ordered by fat content in descending order and then by carbs in ascending order.

Retrieve food items ordered by category in alphabetical order and then by calories in descending order.

Retrieve food items ordered by fiber content, showing NULL values first.

Subqueries:

Retrieve food items and their categories where calories are greater than the average calories.

Retrieve food items and their categories for items with more than 15g of protein.

Retrieve food items and their categories for items with fewer than 10g of fat and more than 30g of carbs.

Retrieve food items and their categories for items with calories higher than the average calories of the 'Desserts' category.

Retrieve food items and their categories for items with calories higher than the lowest calorie food item in the 'Meat' category.

UPDATE Queries:

Increase the calorie count of 'Chocolate Cake' by 50.

Change the category of 'Spinach' to 'Leafy Greens'.

Update the fiber content of 'Brown Bread' to 5.

Increment the protein content of 'Chicken Breast' by 10 grams.

Update the carbs of all food items in the 'Fruits' category to 25.

DELETE Queries:

Delete the food items with 0 grams of protein.

Remove all entries from the 'Beverages' category.

Delete all items with more than 500 calories.

Remove the entry for 'French Fries'.

Delete all rows where the fiber content is NULL.

Delete all food items in the 'Sweets' category.