LeetCode SQL Problem: Recyclable and Low Fat Products (1757)

## 1. Problem Title:

Recyclable and Low Fat Products

## 2. LeetCode Link:

https://leetcode.com/problems/recyclable-and-low-fat-products

## 3. Problem Description (Short Summary):

Find the product\_ids from the Products table where the product is both low fat (low\_fats = 'Y') and recyclable (recyclable = 'Y').

## 4. SQL Concepts Used:

- WHERE Clause  
- Filtering with multiple conditions

## 5. SQL Query (SQL Server):

SELECT product\_id  
FROM Products  
WHERE low\_fats = 'Y' AND recyclable = 'Y';

## 6. Output Sample:

| product\_id |  
|-------------|  
| 1 |  
| 3 |

## 7. Explanation:

- We use a simple SELECT query to return product\_ids.  
- The WHERE clause filters the rows where both `low\_fats` and `recyclable` columns are 'Y'.

## 8. Key Learnings / Notes:

- Learned how to apply multiple conditions in the WHERE clause.  
- Good practice for handling ENUM-like values in SQL.  
- Reinforced filtering logic for basic attribute-based queries.