## 2253. Dynamic Unpivoting of a Table

## Description

Important note: This problem targets those who have a good experience with SQL. If you are a beginner, we recommend that you skip it for now.

Implement the procedure UnpivotProducts to reorganize the Products table so that each row has the id of one product, the name of a store where it is sold, and its price in that store. If a product is not available in a store, do **not** include a row with that product\_id and store combination in the result table. There should be three columns: product\_id, store, and price.

The procedure should return the table after reorganizing it.

Return the result table in any order.

The query result format is in the following example.

## Example 1:

Input: Products table		<u></u> -	+	+ <del></del> +
product_id   	LC_Store	Nozama	Shop	Souq
1	100	null	110	null
•	null null	200   null	null   1000	190     1900
++ Output:				++
product_id	store	price		
1	LC_Store	+   100		
•		110		
2	Nozama	200		
•	Souq	190		
•	Shop Souq	1000     1900		
++  Explanation:  Product 1 is s  Product 2 is s  Product 3 is s	sold in LC_S	Store and ama and So	ouq witl	n prices