Problem 2504: Concatenate the Name and the Profession

Problem Information

Difficulty: Easy
Acceptance Rate: 0.00%
Paid Only: No

Problem Description

Table:

Person

+-------------+---------+ | Column Name | Type | +-------------+---------+ | person_id | int | | name | varchar | | profession | ENUM | +-------------+---------+ person_id is the primary key (column with a unique value) for this table. Each row in this table contains a person's ID, name, and profession. The profession column in an enum of the type ('Doctor', 'Singer', 'Actor', 'Player', 'Engineer', or 'Lawyer')

Write a solution to report each person's name followed by the first letter of their profession enclosed in parentheses.

Return the result table

ordered

by

person_id

in

descending order

.

The result format is shown in the following example.

Example 1:

Input:

Person table: +-----------+-------+------------+ | person_id | name | profession | +-----------+-------+------------+ | 1 | Alex | Singer | | 3 | Alice | Actor | | 2 | Bob | Player | | 4 | Messi | Doctor | | 6 | Tyson | Engineer | | 5 | Meir | Lawyer | +-----------+-------+------------+

Output:

+-----------+----------+ | person_id | name | +-----------+----------+ | 6 | Tyson(E) | | 5 | Meir(L) | | 4 | Messi(D) | | 3 | Alice(A) | | 2 | Bob(P) | | 1 | Alex(S) | +-----------+----------+

Explanation:

Note that there should not be any white space between the name and the first letter of the profession.

Code Snippets

MySQL:

```
# Write your MySQL query statement below
```

MS SQL Server:

```
/* Write your T-SQL query statement below */
```

PostgreSQL:

```
-- Write your PostgreSQL query statement below
```

Oracle:

```
/* Write your PL/SQL query statement below */
```

Pandas:

```
import pandas as pd


def concatenate_info(person: pd.DataFrame) -> pd.DataFrame:
```

Solutions

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