

Problem 3368: First Letter Capitalization

Problem Information

Difficulty: Hard

Acceptance Rate: 86.41%

Paid Only: Yes

Tags: Database

Problem Description

Table: `user_content`

+-----+-----+ | Column Name | Type | +-----+-----+ | content_id | int || content_text| varchar | +-----+-----+ content_id is the unique key for this table. Each row contains a unique ID and the corresponding text content.

Write a solution to transform the text in the `content_text` column by applying the following rules:

* Convert the first letter of each word to uppercase * Keep all other letters in lowercase * Preserve all existing spaces

****Note** :** There will be no special character in `content_text` .

Return _the result table that includes both the original`content_text` and the modified text where each word starts with a capital letter_.

The result format is in the following example.

****Example:****

****Input:****

user_content table:

```
+-----+-----+ | content_id | content_text |
+-----+-----+ | 1 | hello world of SQL | | 2 | the QUICK brown fox | |
3 | data science AND machine learning | | 4 | TOP rated programming BOOKS |
+-----+-----+
```

****Output:****

```
+-----+-----+-----+ | content_id | original_text
| converted_text | +-----+-----+ | 1 |
hello world of SQL | Hello World Of Sql | | 2 | the QUICK brown fox | The Quick Brown Fox | | 3
| data science AND machine learning | Data Science And Machine Learning | | 4 | TOP rated
programming BOOKS | Top Rated Programming Books |
+-----+-----+
```

****Explanation:****

- * For content_id = 1: * Each word's first letter is capitalized: Hello World Of Sql
- * For content_id = 2: * Original mixed-case text is transformed to title case: The Quick Brown Fox
- * For content_id = 3: * The word AND is converted to "And": "Data Science And Machine Learning"
- * For content_id = 4: * Handles word TOP rated correctly: Top Rated
- * Converts BOOKS from all caps to title case: Books

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
```