

# Problem 2159: Order Two Columns Independently

## Problem Information

Difficulty: **Medium**

Acceptance Rate: 0.00%

Paid Only: No

## Problem Description

Table:

Data

```
+-----+-----+ | Column Name | Type | +-----+-----+ | first_col | int | | second_col | int  
| +-----+-----+ This table may contain duplicate rows.
```

Write a solution to independently:

order

first\_col

in

ascending order

.

order

second\_col

in

descending order

.

The result format is in the following example.

Example 1:

Input:

Data table: +-----+-----+ | first\_col | second\_col | +-----+-----+ | 4 | 2 | | 2 | 3 |  
| 3 | 1 | | 1 | 4 | +-----+-----+

Output:

+-----+-----+ | first\_col | second\_col | +-----+-----+ | 1 | 4 | | 2 | 3 | | 3 | 2 | | 4 |  
1 | +-----+-----+

## 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 order_two_columns(data: pd.DataFrame) -> pd.DataFrame:
```

## Solutions

### MySQL Solution:

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def order_two_columns(data: pd.DataFrame) -> pd.DataFrame:
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