

# Problem 2159: Order Two Columns Independently

## Problem Information

Difficulty: **Medium**

Acceptance Rate: 61.30%

Paid Only: Yes

Tags: Database

## 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
```