Question 4:-[Article Views I](https://leetcode.com/problems/article-views-i/)

Table: Views

+---------------+---------+

| Column Name | Type |

+---------------+---------+

| article\_id | int |

| author\_id | int |

| viewer\_id | int |

| view\_date | date |

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There is no primary key (column with unique values) for this table, the table may have duplicate rows.

Each row of this table indicates that some viewer viewed an article (written by some author) on some date.

Note that equal author\_id and viewer\_id indicate the same person.

Write a solution to find all the authors that viewed at least one of their own articles.

Return the result table sorted by id in ascending order.

The result format is in the following example.

Example 1:

Input:

Views table:

+------------+-----------+-----------+------------+

| article\_id | author\_id | viewer\_id | view\_date |

+------------+-----------+-----------+------------+

| 1 | 3 | 5 | 2019-08-01 |

| 1 | 3 | 6 | 2019-08-02 |

| 2 | 7 | 7 | 2019-08-01 |

| 2 | 7 | 6 | 2019-08-02 |

| 4 | 7 | 1 | 2019-07-22 |

| 3 | 4 | 4 | 2019-07-21 |

| 3 | 4 | 4 | 2019-07-21 |

+------------+-----------+-----------+------------+Output:

+------+

| id |

+------+

| 4 |

| 7 |

+------+

Solution:-

SELECT DISTINCT author\_id AS Id FROM Views

WHERE author\_id = viewer\_id

-- PRIMARY KEY (id)

ORDER BY ID

Output:-

