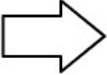




20	-21	14
-19	4	19
22	-47	24
-19	4	19



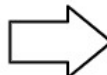
4	2	3
1	3	4
5	1	6
1	3	4

**Input:** matrix = [[20,-21,14],[-19,4,19],[22,-47,24],[-19,4,19]]

**Output:** [[4,2,3],[1,3,4],[5,1,6],[1,3,4]]

#### Example 4:

7	3	6
1	4	5
9	8	2



5	1	4
1	2	3
6	3	1

**Input:** matrix = [[7,3,6],[1,4,5],[9,8,2]]

**Output:** [[5,1,4],[1,2,3],[6,3,1]]

#### Constraints:

- $m == \text{matrix.length}$
- $n == \text{matrix}[i].\text{length}$
- $1 \leq m, n \leq 500$
- $-10^9 \leq \text{matrix}[\text{row}][\text{col}] \leq 10^9$

JavaScript



```

1 /**
2  * @param {number[][]} matrix
3  * @return {number[][]}
4  */
5 var matrixRankTransform = function(matrix) {
6
7 };

```