

6297. Sort the Students by Their Kth Score

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There is a class with m students and n exams. You are given a **0-indexed** $m \times n$ integer matrix `score`, where each row represents one student and `score[i][j]` denotes the score the i^{th} student got in the j^{th} exam. The matrix `score` contains **distinct** integers only.

You are also given an integer k . Sort the students (i.e., the rows of the matrix) by their scores in the k^{th} (**0-indexed**) exam from the highest to the lowest.

Return the matrix after sorting it.

User Accepted:	0
User Tried:	0
Total Accepted:	0
Total Submissions:	0
Difficulty:	Medium

Example 1:

	E ₀	E ₁	E ₂	E ₃
S ₀	10	6	9	1
S ₁	7	5	11	2
S ₂	4	8	3	15

→

	E ₀	E ₁	E ₂	E ₃
S ₁	7	5	11	2
S ₀	10	6	9	1
S ₂	4	8	3	15

Input: `score = [[10,6,9,1],[7,5,11,2],[4,8,3,15]]`, $k = 2$
Output: `[[7,5,11,2],[10,6,9,1],[4,8,3,15]]`
Explanation: In the above diagram, S denotes the student, while E denotes the exam.
- The student with index 1 scored 11 in exam 2, which is the highest score, so they got first place.
- The student with index 0 scored 9 in exam 2, which is the second highest score, so they got second place.
- The student with index 2 scored 3 in exam 2, which is the lowest score, so they got third place.

Example 2:

	E ₀	E ₁
S ₀	3	4
S ₁	5	6

→

	E ₀	E ₁
S ₁	5	6
S ₀	3	4

Input: `score = [[3,4],[5,6]]`, $k = 0$
Output: `[[5,6],[3,4]]`
Explanation: In the above diagram, S denotes the student, while E denotes the exam.
- The student with index 1 scored 5 in exam 0, which is the highest score, so they got first place.
- The student with index 0 scored 3 in exam 0, which is the lowest score, so they got second place.

Constraints:

- $m == \text{score.length}$
- $n == \text{score}[i].\text{length}$
- $1 \leq m, n \leq 250$
- $1 \leq \text{score}[i][j] \leq 10^5$
- `score` consists of **distinct** integers.
- $0 \leq k < n$

JavaScript

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⚙️

1 const sortTheStudents = (g, k) => g.sort((x, y) => y[k] - x[k]);

☐ Custom Testcase

Use Example Testcases

Run

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Submission Result: **Accepted** (/submissions/detail/882778657/) ⓘ More Details ▶ (/submissions/detail/882778657/)

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