6297. Sort the Students by Their Kth Score

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There is a class with $\, \mathbf{m} \,$ students and $\, \mathbf{n} \,$ exams. You are given a $\, \mathbf{0} \,$ -indexed $\, \mathbf{m} \,$ $\, \mathbf{x} \,$ $\, \mathbf{n} \,$ 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 scorecontains 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 kth (0-indexed) exam from the highest to the lowest.

Return the matrix after sorting it.

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

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
ı	7	5	11	2
)	10	6	9	1
2	4	8	3	15

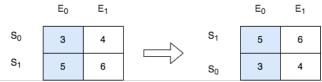
Input: score = [[10,6,9,1],[7,5,11,2],[4,8,3,15]], k = 2

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:



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 == score.length
- n == score[i].length
- 1 <= m, n <= 250
- 1 <= score[i][j] <= 10⁵
- score consists of distinct integers.
- 0 <= k < n

JavaScript

const sortTheStudents = $(g, k) \Rightarrow g.sort((x, y) \Rightarrow y[k] - x[k]);$

