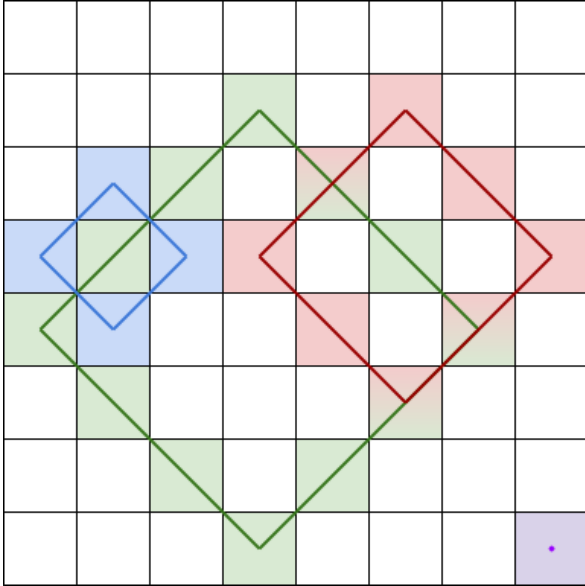


5757. Get Biggest Three Rhombus Sums in a Grid

[My Submissions \(/contest/biweekly-contest-53/problems/get-biggest-three-rhombus-sums-in-a-grid/submissions/\)](/contest/biweekly-contest-53/problems/get-biggest-three-rhombus-sums-in-a-grid/submissions/)[Back to Contest \(/contest/biweekly-contest-53/\)](/contest/biweekly-contest-53/)You are given an $m \times n$ integer matrix `grid`.

A **rhombus sum** is the sum of the elements that form **the border** of a regular rhombus shape in `grid`. The rhombus must have the shape of a square rotated 45 degrees with each of the corners centered in a grid cell. Below is an image of four valid rhombus shapes with the corresponding colored cells that should be included in each **rhombus sum**:



Note that the rhombus can have an area of 0, which is depicted by the purple rhombus in the bottom right corner.

Return the biggest three **distinct rhombus sums** in the `grid` in **descending order**. If there are less than three distinct values, return all of them.**Example 1:**

3	4	5	1	3
3	3	4	2	3
20	30	20	40	10
1	5	5	4	1
4	3	2	2	5

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