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5718. Queries on Number of Points Inside a Circle

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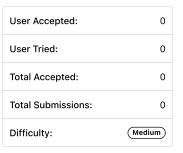
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You are given an array points where points[i] = $[x_i, y_i]$ is the coordinates of the i^{th} point on a 2D plane. Multiple points can have the same coordinates.

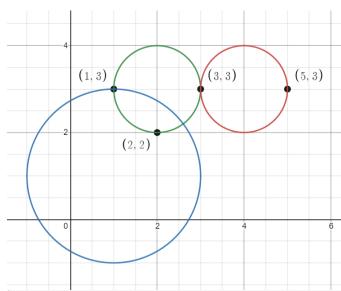
You are also given an array queries where queries [j] = $[x_j, y_j, r_j]$ describes a circle centered at (x_j, y_j) with a radius of r_i .

For each query queries[j], compute the number of points inside the jth circle. Points inside the considered inside.

Return an array answer, where answer[j] is the answer to the jth query.



Example 1:



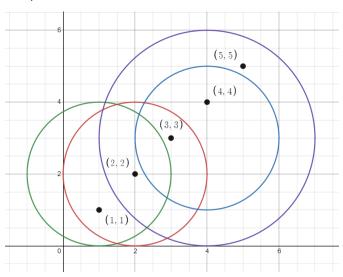
Input: points = [[1,3],[3,3],[5,3],[2,2]], queries = [[2,3,1],[4,3,1],[1,1,2]]

Output: [3,2,2]

Explanation: The points and circles are shown above.

queries[0] is the green circle, queries[1] is the red circle, and queries[2] is the blue circle.

Example 2:



```
Input: points = [[1,1],[2,2],[3,3],[4,4],[5,5]], queries = [[1,2,2],[2,2,2],[4,3,2],[4,3,3]]
Output: [2,3,2,4]
Explanation: The points and circles are shown above.
queries[0] is green, queries[1] is red, queries[2] is blue, and queries[3] is purple.
```

Constraints:

- 1 <= points.length <= 500 • points[i].length == 2 • 0 <= x_i , y_i <= 500 • 1 <= queries.length <= 500 • queries[j].length == 3 • 0 <= x_j , y_j <= 500 • 1 <= r_i <= 500
- All coordinates are integers.

