

# Level 7





# There's more of them?

- There are now multiple asteroids
- The time limit is short, but does not require an optimal solution

→ There is an updated visualizer.html in the input folder.



Input

| Name             |                              | Description   | Example  |
|------------------|------------------------------|---|--|
| N                |                              | Number of cases   | 2<br>11,4 69<br>3<br>4,2 8,0 8,4<br>-10,-10 66<br>3<br>-4,-6 -5,-5 -6,-4 |
| repeated N times | Space station and time limit |   |  |
|                  | A                            | Number of asteroids   |  |
|                  | Asteroids                    | A list of asteroids separated by spaces<br>Each asteroid consisting of X-position and Y-position separated by a comma |  |

Output

| Name             |                     | Description | Example   |
|------------------|---------------------|-------------|---|
| repeated N times | X-Sequence          |             | <div>0 5 4 3 2 1 1 1 2 3 4 5 0</div> <div>0 -5 -4 -5 0 0 0 0 0 0 0 0 0 0 0 0 5 4 3 2 3 4 5 0</div>                    |
|                  | Y-Sequence          |             | <div>0 -5 0 0 0 0 0 0 0 0 0 0 0 0 0 0 -5 -4 -3 -2 -1 -2 -3 -4 -5 0</div> <div>0 -5 -4 -3 -2 -1 -1 -2 -3 -4 -5 0</div> |
|                  | Optional empty line |             |   |

format identical to previous level



# Good Luck!



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CONTEST

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