



Level 6

CLOUDFLIGHT
CODING
CONTEST

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LEVEL 6

No time for caution

- The time limit is now significantly shorter
- It does not require an optimal solution
- All other rules from the previous level apply



Input

format identical to previous level

Name	Description	Example
N	Number of cases	3 6,0 58
Space station and time limit	The X-position and the Y-position of the space station separated by a comma Followed by the time limit separated by a space	3,0 10,4 55 7,4 -7, -7 61 -4, -4
repeated N times	Asteroid	The X-position and the Y-position of the asteroid separated by a comma

Output

Example

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

format identical to previous level

Good Luck!



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