



Level 2

Task for Level 2:

Measure the asteroids.

For each asteroid occurrence, output the `timestamp` and the covered area in the image. The covered area is measured by the number of pixels with non-zero intensity values.



Input format: Same as in Level 1

Output format:

- › `output ::= resultline*`
- › `resultline ::= timestamp area NL`

The `resultlines` must be ordered by `timestamp`

name	type	description
<code>resultline</code>		describes the occurrence of an asteroid
<code>timestamp</code>	integer	timestamp of the occurrence
<code>area</code>	integer	number of non-zero pixels
<code>NL</code>		new-line

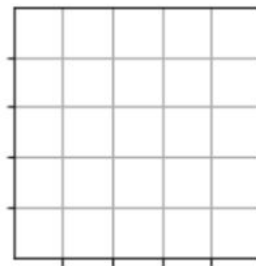


Sample input:

```
3
10 5 5
0 0 0 0 0
0 0 0 0 0
0 0 0 0 0
0 0 0 0 0
0 0 0 0 0
0 0 0 0 0
34 3 4
14 0 0 0
21 0 0 1
15 31 61 51
3232 4 4
0 0 0 75
46 0 0 51
71 21 51 71
61 0 11 51
```

Sample output:

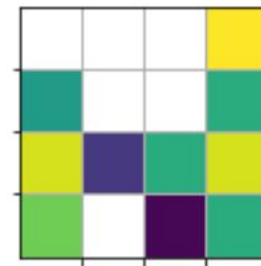
```
34 7
3232 10
```



t=10



t=34



t=3232