



# Level 7

## Security team placement

Task for Level 7:

**Place security teams in some hotspots so the teams have direct visibility in all the hotspots**

You have a maximum of `max_count` available security teams.

**Input:**

```
<number_of_rows> <number_of_columns> <S> <max_count>
<height> <height> ....
<height> <height> ....
....
```

**Output format:**

Space separated list of zero based IDs of hotspots in which one must place security teams.



**The sorting order of the hotspots is the same as for Level 6.**

**Also, all conditions and properties from Level 6 apply.**

**An output is valid if:**

- › there are at most `max_count` IDs
- › There is direct visibility from this set of hotspot IDs to all the other hotspots in the map

**There might be more than one possible solution, any is valid, if it fits the above requirements**

Example output:

3 6

