

# 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

## CODING SCONTEST.org > Level 7

You have a maximum of max\_count available security teams.

```
Input:
<number_of_rows> <</pre>
```

```
<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:

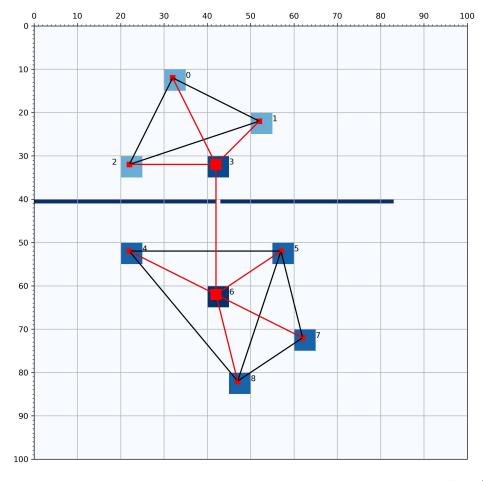
- there are at most max\_count IDs
- > There is direct visibility from this set of hotspot IDs to all the other hotspots in the map

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



#### **Example output:**

36



event organizer