**Question 1:**

Meeting rooms are always highly sought after and it can be unconducive for the teams to work in when the rooms beside are too noisy.

If the meeting rooms used are next to each other, it will account as 1 point.

(Please refer to the example below)

**Input:**

What we can do here is based on given rooms and users, arrange room separately so people dont feel uncomfortable.

[row, column, users] ->  point

Ex 1: [2, 3, 6]



\*2 Rows, 3 Columns, 6 users

Ex 2: [3, 3, 8]



\*3 Rows, 3 Columns, 8 users

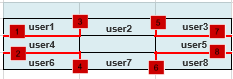
**Output:**

Ex 1: [2, 3, 6] -> 7



\*2 Rows, 3 Columns, 6 users

Ex 2: [3, 3, 8] -> 8



\*3 Rows, 3 Columns, 8 users

**Reference:**

Here is expected answer from above data: Please resolve this with your program

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| [5,2,8]-> 7 | [4,3,12]-> 17 | [16,1,9]-> 1 | [5,2,6]-> 2 | [2,4,6]-> 4 |
| [3,5,14]-> 18 | [5,3,13]-> 14 | [3,5,15]-> 22 | [3,4,12]-> 17 | [1,16,7]-> 0 |
| [1,16,1]-> 0 | [2,4,5]-> 2 | [1,15,1]-> 0 | [2,3,6]-> 7 | [3,5,12]-> 11 |
| [3,5,1]-> 0 | [5,3,5]-> 0 | [1,15,0]-> 0 | [1,1,1]-> 0 | [1,16,8]-> 0 |
| [8,2,12]-> 10 | [16,1,16]-> 15 | [2,5,9]-> 10 | [15,1,1]-> 0 | [4,4,1]-> 0 |
| [16,1,1]-> 0 | [2,5,8]-> 7 | [3,5,10]-> 6 | [1,16,16]-> 15 | [3,5,0]-> 0 |
| [3,3,6]-> 3 | [5,3,4]-> 0 | [1,15,15]-> 14 | [2,2,2]-> 0 | [3,5,8]-> 0 |
| [2,6,12]-> 16 | [5,3,10]-> 6 | [3,2,0]-> 0 | [3,3,9]-> 12 | [1,16,0]-> 0 |
| [15,1,0]-> 0 | [4,4,7]-> 0 | [5,3,2]-> 0 | [16,1,8]-> 0 | [5,3,3]-> 0 |
| [5,3,7]-> 0 | [3,5,9]-> 3 | [5,3,1]-> 0 | [9,1,6]-> 2 | [5,3,0]-> 0 |
| [4,3,5]-> 0 | [4,2,2]-> 0 | [5,2,4]-> 0 | [5,3,12]-> 11 | [1,13,9]-> 4 |
| [3,5,11]-> 8 | [4,4,15]-> 20 | [3,5,4]-> 0 | [2,2,3]-> 2 | [3,5,2]-> 0 |
| [7,2,13]-> 16 | [2,2,4]-> 4 | [2,7,13]-> 16 | [3,5,7]-> 0 | [1,9,6]-> 2 |
| [15,1,6]-> 0 | [5,3,11]-> 8 | [3,3,0]-> 0 | [7,2,0]-> 0 | [6,2,12]-> 16 |
| [15,1,15]-> 14 | [4,4,8]-> 0 | [7,2,11]-> 10 | [4,3,6]-> 0 | [4,3,8]-> 4 |
| [4,4,9]-> 2 | [1,16,9]-> 1 | [4,4,0]-> 0 | [2,3,4]-> 2 | [3,5,5]-> 0 |
| [5,3,8]-> 0 | [4,4,16]-> 24 | [1,1,0]-> 0 | [1,15,8]-> 0 | [5,3,14]-> 18 |
| [3,5,6]-> 0 | [1,15,6]-> 0 | [2,6,9]-> 7 | [16,1,0]-> 0 | [4,3,7]-> 2 |
| [16,1,7]-> 0 | [15,1,8]-> 0 | [3,5,3]-> 0 | [5,3,9]-> 3 | [6,2,4]-> 0 |
| [1,15,7]-> 0 | [5,3,6]-> 0 | [5,3,15]-> 22 | [15,1,7]-> 0 | [3,5,1]-> 0 |