

Input:

- The horizontal size of the field
- The vertical size of the field
- Yearly information block:
 - Starting with year information and number of plantings in that year
 - Then the top left and bottom right coordinates of each planting in that year

Output:

- The tiredness map of the whole field as a 2D int array

NOTE: The coordinates of the top left corner part of the map is 0,0 and the maximum size of the field is 40, 40

NOTE: No plantings given for the same year can overlap with one another.

HINT: You should start with a 2D array where the value of **EACH** cell is 0.

HINT: While calculating the map for the next year, using a temporary second 2D array is **STRONGLY SUGGESTED** (e.g., tirednessMap, newTirednessMap).

Sample Input/Outputs:

Input	Output
5 5 2016 2 0 0 2 2 1 3 4 4 2017 2 1 1 3 3 3 0 4 0	0 0 0 1 1 0 2 2 1 0 0 2 2 1 0 0 2 2 2 0 0 0 0 0 0
10 10 2014 3 2 2 2 7 5 4 8 7 8 1 9 3 2015 3 2 2 2 7 5 4 8 7 8 1 9 3 2016 4 0 0 2 2 3 8 6 9 5 4 8 5 8 1 9 3 2017 2 8 1 9 3 9 8 9 9	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 4 4 0 0 2 0 0 0 0 4 4 0 0 0 0 0 0 0 4 4 0 0 0 0 0 2 2 2 2 0 0 0 0 0 0 2 2 2 2 0 1 0 0 0 0 0 0 0 0 1
5 5 2014 1 0 0 2 2 2015 1 0 0 2 2 2016 0 2017 0	0 0