

LEVEL 2



Email Inbox



From: `global.head.of.logistics@toxic-company.com`

Subject: Your first promotion

You've done a satisfactory job, and as a result, you've been promoted to the position of "Inventory Manager". The previous Inventory Manager has been let go.

Moving forward, the calculations will be handled by someone else. Your primary responsibility now is to oversee and direct the team in ensuring that desks are properly arranged.



Reply

Forward

- You are given a list of rooms that follow the rules from last level
- **For each room, you are given the number of desks that you must place in that room (the number will be the maximum that you calculated last level)**
- The desks have IDs ranging from 1 to the given number of desks
- For each cell of the room, output the ID of the desk at that position



Input

Name	Description	Example
N	Number of rooms	3
Room (repeated N times)	Three space separated integers representing a room First integer: x room length (divisible by 3) Second integer: y room length Third integer: number of desks to be placed	6 5 10 9 8 24 6 7 14

Output

Name	Description	Example
Room (repeated N times)	A matrix of integers, with y rows and x columns Each integer represents the ID of the table at that cell The order of the tables does not matter The empty line between rooms is optional	1 1 1 2 2 2 4 4 4 3 3 3 10 10 10 6 6 6 7 7 7 8 8 8 5 5 5 9 9 9 1 1 1 2 2 2 3 3 3 6 6 6 5 5 5 4 4 4 ...





Happy 40th Coding Contest

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Room Planner

