2 4 You start from cell containing value 1 (i.e. (1,1)) and you want to visit cell with value 2 (i.e. (2,1)). Now, from cell (2,1) you have to visit cell (1,2), which can be done is 2 steps (First we go from (2, 1) to (1, 1) and then to (1, 2), total 2 steps). Finally you move to cell where value 4 is present in 1 step. So, total number of steps required is 4. Input • The first line of the input contains an integer **T** denoting the number of test cases. The description of **T** test cases follows. • The first line of each test case contains a single integer N denoting the size of matrix. Each of the next N lines contain N integers denoting the values in the rows of the matrix. Output • For each test case, output in a single line the required answer. **Constraints** • 1 ≤ T ≤ 5 • 1 ≤ N ≤ 500 Subtasks • Subtask 1 (30 points) : 1 ≤ N ≤ 20 • Subtask 2 (70 points) : Original constraints Example Input: 1 3 2 4 3 1 7 9 2 4 8 3 6 5 Output: 12 **Explanation Example case 1.** Explained in the statement. **Example case 2.** This is the sequence of cells visited: (1,1) to (2,1) to (3,1) to (2,2) to (3,3) to (3,2) to (1,2) to (2,3) to (1,3). Warning: Large input files, use scanf instead of cin in C/C++. All submissions for this problem are available. 4★ darkshadows Author: 7★ kevinsogo Tester: https://discuss.codechef.com/problems/MSTEP Editorial: cakewalk, darkshadows, sept15 Tags: 10-06-2015 Date Added: Time Limit: 1 secs 50000 Bytes Source Limit: CPP14, C, JAVA, PYTH 3.6, PYTH, CS2, ADA, PYPY, Languages: PYP3, TEXT, PAS fpc, RUBY, PHP, NODEJS, GO, TCL, HASK, PERL, SCALA, BASH, JS, PAS gpc, BF, LISP sbcl, CLOJ, LUA, D, CAML, ASM, FORT, FS, LISP clisp, SCM guile, PERL6, CLPS, WSPC, ERL, ICK, NICE, PRLG, ICON, PIKE, SCM chicken, SCM qobi, ST, NEM Submit

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