Cost of balloons

SOLVE LATER

Attempted by: **11936** / Accuracy: **84%** / Maximum Score: **10** /
398 Votes

Tag(s): Basic Programming, Basics of Input/Output, Input/Output, Very-Easy

You are conducting a contest at your college. This contest consists of two problems and n participants. You know the problem that a candidate will solve during the contest.

You provide a balloon to a participant after he or she solves a problem. There are only green and purple-colored balloons available in a market. Each problem must have a balloon associated with it as a prize for solving that specific problem. You can distribute balloons to each participant by performing the following operation:

1. Use green-colored balloons for the first problem and purple-colored balloons for the second problem
2. Use purple-colored balloons for the first problem and green-colored balloons for the second problem

You are given the cost of each balloon and problems that each participant solve. Your task is to print the minimum price that you have to pay while purchasing balloons.

Input format

- First line: T that denotes the number of test cases ($1 \leq T \leq 10$)
- For each test case:
  - First line: Cost of green and purple-colored balloons
  - Second line: n that denotes the number of participants ($1 \leq n \leq 10$)
- Next n lines: Contain the status of users. For example, if the value of the j^{th} integer in the i^{th} row is 0, then it depicts that the i^{th} participant has not solved the j^{th} problem. Similarly, if the value of the j^{th} integer in the i^{th} row is 1, then it depicts that the i^{th} participant has solved the j^{th} problem.

Output format

For each test case, print the minimum cost that you have to pay to purchase balloons.

SAMPLE INPUT	SAMPLE OUTPUT
2 9 6	69 14

15 LIVE EVENTS

BEST SUBMISSIONS

LANGUAGE: C (gcc 5.4.0)

TIME (sec) 0.20116 | MEMORY (KiB) 64

by Pratham Shah

VIEW BEST SUBMISSION VIEW ALL SUBMISSION

CONTRIBUTOR

AUTHOR
Amirreza Poorakhavan

TESTER
Amir Hossein Pashaee Hir

THIS PROBLEM WAS ASKED IN

CHALLENGE NAME
June Easy' 19

SOCIAL SHARE

?

```
10
1 1
1 1
0 1
0 0
0 1
0 0
0 1
0 1
1 1
0 0
1 9
10
0 1
0 0
0 0
0 1
1 0
0 1
0 1
0 0
0 1
0 0
```

Explanation

-

Time Limit:	1.0 sec(s) for each input file.
Memory Limit:	256 MB
Source Limit:	1024 KB
Marking Scheme:	Marks are awarded when all the testcases pass.
Allowed Languages:	Bash, C, C++, C++14, Clojure, C#, D, Erlang, F#, Go, Groovy, Haskell, Java, Java 8, JavaScript(Rhino), JavaScript(Node.js), Julia, Kotlin, Lisp, Lisp (SBCL), Lua, Objective-C, OCaml, Octave, Pascal, Perl, PHP, Python, Python 3, R(RScript), Racket, Ruby, Rust, Scala, Swift, Swift-4.1, TypeScript, Visual Basic

CODE EDITOR

Enter your code or Upload your code as file.

Save C++14 (g++ 5.4.0)

```
12      for(int t=0;t<testCases;t++){
13          int gc,rc;
14          int green=0, red=0;
15          cin>>gc>>rc;
16          int n;
17          cin>>n;
18          int par[n][2];
```


15
LIVE EVENTS

37:2 vscode

Provide custom input

COMPILE & TEST SUBMIT

Submission ID: 40011351 / 1 second ago

RESULT: Accepted

Score	Time (sec)
10.0	0.20307

Memory (KiB)	Language
64	C++14

Input	Result	Time (sec)	Memory (KiB)	Score	Your Output	Correct Output	Diff
Input #1	✓	0.101698	64	1			
Input #2	✓	0.101368	64	99			

Compilation Log

Compilation Successful.

Your Rating:

View all comments

PROGRAMMERS WHO SOLVED THIS PROBLEM ALSO ?

SOLVED

Anagrams

Attempted By: **31663** / Accuracy: **36**

1014 Votes

Count Divisors

Attempted By: **63927** / Accuracy: **89**

1358 Votes

Factorial!

Attempted By: **75618** / Accuracy: **79**

1982 Votes

15

LIVE EVENTS

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