



A short story: Arash, Mehdi and Chocolate

- Time limit: 1 second
- Memory limit: 256 MB

Arash is a matrix $n * m$. It has the value of each house either zero or one. In each operation, he selects a desired row or column and changes all its zeros to one and all its ones to zero. He can do these operations as much as he likes.

At the end of the work, Mehdi looks at Arash's matrix. He sees each line as a binary number and gives Arash chocolates equal to the sum of these numbers. Calculate the maximum amount of chocolate that Arash can get from Mehdi.

In the first line of the number, n, m it is said that it specifies the dimensions of the matrix.

$$1 \leq n, m \leq 50$$

in each of n next line, m There are integers that specify the initial value of the matrix.

Output



▼ Questions

100

Chocolate eating contest

100

A short story: Arash,
Mehdi and Chocolate

All submissions

Final submissions

Print the maximum amount of chocolate that Arash can get.

Example

Sample input 1

```
3 3
1 0 0
1 0 0
0 1 1
```

Sample output 1

```
21
```

Explanation

```
تغییر ستون اول
0 0 0
0 0 0
1 1 1
تغییر سطر اول
1 1 1
0 0 0
1 1 1
تغییر سطر دوم
1 1 1
1 1 1
1 1 1
```

$$3 * (4 + 2 + 1) = 21$$

POST AN ANSWER TO THIS QUESTION

.The training period is over

with Quera

Work with us

contact us

about us

Terms and Conditions

Sponsorship of competitions

events

Kodak

skill up

Trainee exhibition

Tracey

Sources

Quora blog

Programmers' salary calculator

Statistics of the programming world

subscribe to newsletter

Products

Teaching programming

Recruitment ads

Programming questions

Competitions

classes

Employment platform

Quera Jr



Proudly made in Iran 1401 - 1394