





▼ The fourth practical assignment



A short story: Arash, Mehdi and Chocolate

• Time limit: 1 second

• Memory limit: 256 MB

Arash is a matrixn*mlt 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.

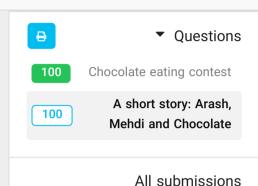
At the end of the work, Mehdi looks at Arash's matrix. He sees each line as a binary number and gives Arash chocolates equal to the sum of these numbers. Calculate the maximum amount of chocolate that Arash can get from Mehdi.

In the first line of the number, $_m$ It is said that it specifies the dimensions of the matrix.

$$1 \leq$$
 , $_m \leq 5~0$

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

Output



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

3 * (4 + 2 + 1) = 21

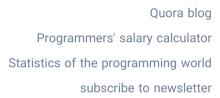
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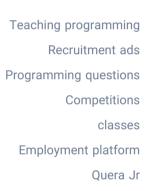
POST AN ANSWER TO THIS QUESTION

.The training period is over

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