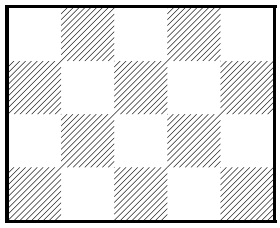
Chess board (2) P13623_en

Consider a chess board with r rows and c columns, where every square contains between 0 and 9 coins. Supose that the upper-left square is white. For instance, this is an empty board with four rows and five columns:



Write a program such that, given a chess board, computes the total number of coins on its white squares.

Input

Input begins with the number of rows r and the number of columns c. Follow r lines, each one with c characters between '0' and '9'.

Output

Print the total number of coins on the white squares of the board.

Sample input 1

```
3 4
2735
0479
1508
```

Sample output 1

```
19
```

Sample input 2

```
1 20
01234567890123456789
```

Sample output 2

```
40
```

Sample input 3

```
2 1
4
5
```

Sample output 3

```
4
```

Problem information

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