Coins on the chessboard (C)   X15100_en

Consider a chess board with r rows and c columns, where every square contains a number of coins ranging from 0 up to 9. We number the columns from 1 to c starting from the leftmost one. Write a program such that, given a chess board, computes the total number of coins it contains and the number of coins placed in even columns.
Exam score: 5.000000 **Automatic part:** 40.000000%

Input

Input begins with two integers greater than zero that represent the number of rows r and columns c of the board, respectively. Then, it follows r lines, each one with c characters ranging from '0' to '9'.

Output

The total number of coins on the board and the number of coins placed in even columns.

Sample input 1

```
3 4
2735
0479
1508
```

Sample output 1

```
51 38
```

Sample input 2

```
1 20
01234567890123456789
```

Sample output 2

```
90 50
```

Sample input 3

```
2 2
40
51
```

Sample output 3

```
10 1
```

Problem information

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