

Problem 1. Travel the world

You have the coolest job in the world. You are paid to travel around the world and make reviews of some items or places.

There is one tiny difficulty though. **Every new location is encoded**. You have to decode it.

There are **two** options - either review an item or a place.

You will receive **n** - **an integer number** – locations/item you have to review.

After that you will receive **m** - **a floating point number** - the money you get paid per item/location review.

On the next **n** rows

You will receive the encoded messages.

- If the message contains **only digits** you should **replace each two digit number with the ASCII character that represents it** and print
"Reviewing item - {item}", where {item} is the **decoded message**.
- If the message contains **only letters** you should print:
"Reviewing location - {location}", where location is the encoded message but **reversed**.

If you receive a string which does not match the conditions, just ignore it.

Input

n – an integer number
m – a floating point number
n rows - strings

Output

At the end of the program print information about your salary in the following format:

"{count_of_reviews} reviews have been made this month. Salary: {salary}"

Salary should be formatted to **two digits** after decimal point.

Example input/output

Input	Output	Comment
3 50 70698282658273 ocanoM 4s5a	Reviewing item - FERRARI Reviewing location - Monaco 2 reviews have been made this month. Salary: 100.00	n = 3 m = 50 We receive a string which contains only digit so we start decoding it - 70 is F, 69 is E ... We receive a string which contains only letters so we print it backwards This string is invalid so we ignore it. 2*m = 100