Mosaic Decoration I

Time limit: *1000 ms*
Memory limit: *256 MB*

Zapray lives in a big mansion that has N bathrooms. He wants to decorate the bathroom walls using mosaic tiles of two colors: black and pink. The ith bathroom needs B_i black tiles and P_i pink tiles. Mosaic tiles are sold in piles. Zapray can buy one pile of 10 black tiles for C_B dollars, and one pile of 10 pink tiles for C_P dollars. How much money does he need in total to decorate all the N bathrooms?

Standard input

The input contains three integers N, C_B, C_P on the first line.

The next N lines each have two integers. The ith line has B_i and P_i.

Standard output

Output a single integer, the amount of money in dollars that Zapray needs to decorate all his bathrooms.

Constraints and notes

- $2 \leq N \leq 100$
- $1 \leq C_B, C_P \leq 1\,000$
- $1 \leq B_i, P_i \leq 1\,000$

Input	Output	Explanation
3 5 7 10 10 20 30 30 3	65	There are 3 bathrooms to decorate. In total 60 black tiles and 43 pink tiles are needed. Zapray needs to purchase 6 piles of black tiles and 5 piles of pink tiles. The total cost is $6 \times 5 + 5 \times 7 = 65$ dollars.