

Problem D

Zion's Grocery Store

A few months ago Lohn Lick and his best friend Lomas Landerson moved to Zion. After eating out for the past month they decided to go to the nearest grocery store to pick up some ingredients so they could meal prep for the next week. After arriving at the grocery store they started to go through their list, picking up ingredients one at a time.

After a few minutes Lomas realized something, each product had an alphanumeric SKU (Stock Keeping Unit) S associated with it and if the sum of the last 3 digits of the SKU could be evenly divided by 5 it meant that the product was 50% off! Unfortunately, each product on sale can only be purchased 1 time.

After Lomas revealed this information to Lohn, Lohn had a stroke of genius! If they ignored their original list and instead bought each item in the grocery store that was 50% off they could save a ton of money in the future!

Given a list of SKU numbers S and *original* prices P for each product in the store find the total cost of items they brought.

Input

The first line of the input contains one integer N ($1 \leq N \leq 100$), indicating the number of products in the store. The following N lines each contain an alphanumeric SKU S which is at most 32 characters long, and an even non-negative integer price P ($0 \leq P \leq 2^{16}$). The last 3 characters of the SKU will always be non-negative integers.

Output

Output a single integer O , the total cost of all the items they bought.

Sample Input	Sample Output
4 a4bc23a456 200 3r4iw9e222 4 z223 90000 yyy442 2	101

Sample Input	Sample Output
2 acpc820 4000 lsgr3at320 38	2019