

# Seasonal work

Given the list of N employees. For each employee, given the wage per hour, the number of working days and the number of working hours per day. Output the list of N employees ordered by income in descending, and name. Note that if the total income is 2 millions or higher, the employee should pay tax at 10% of income.

## Input

- The first line contains one integer N - the number of employees
- Each line in the next N lines starts with a string which is the name of the employee, followed by two integers, w and m, which are wage per hour and the number of working days. The rest of the line contains m integers which are the number of working hours in m days.

## Output

Each line contains the name, the total working hours and the income.

## Sample

Input	Output
4	phong 40 800000
phuc 30000 5 10 8 10 8 10	an 46 1380000
an 30000 5 10 8 10 10 8	phuc 46 1380000
phong 20000 5 8 8 8 8	yen 50 2475000
yen 55000 5 10 10 10 10 10	