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## Problem B. Petrol Station

Time Limit : 1 second

Eimal is working in a Petrol station. His duty is to calculate the total Petrol liters has been sold after N customers ( $1 \leq N \leq 40$ ). The price of each liter of petrol can be changed for each customer. Help Eimal with writing a program to add up the amount of soled petrol and its related price. The price can be ranged from 1 to 100.

### Input:

First line contains number of test cases T. Each test case contains three lines. First line contains N Total number of customers. Second line contains amount of petrol purchased by each customer N1, N2, .... And the third line contains corresponding price N1, N2, ....

### Output:

For test case print the Total petrol sold, Total Price.

Example

### Input:

1

3

20 25 40

10Birr 20Birr 30Birr

### Output:

85, 1900