

SJC Penney
Input File: SJCPenneyIn.txt

SJC Penney, a chain of high end college apparel stores, is running a promotion to increase sales. For every purchase of \$100 or more (before discount) a \$10 discount will be applied to the purchase. The discount will be proportionally deducted from each item's cost based on the cost of the item in relation to the total non-discounted cost.

Inputs

There will be multiple lines of input. The first line will contain the number of items purchased, the remaining lines will contain the name and original cost of each item.

Outputs

The output will be in the format of a cash register receipt showing the name of each item and its discounted cost. The last line of the output will show the cost of the discounted items, which must always be exactly \$10 less than the non-discounted total cost of the items purchased. And so, when the discounting process causes the discount to be less than \$10, the discounted cost of the last item purchased will be adjusted to produce exactly a \$10 discount. All numeric output will be displayed with two digits of precision, rounded up.

Sample inputs

5	
SJC Sweatshirt	25.99
NYU Bag	30.00
RPI tee-shirt	10.99
MIT lounge pants	22.00
USC scarf	15.00

Sample Output

SJC Sweatshirt	23.49
NYU Bag	27.11
RPI tee-shirt	9.93
MIT lounge pants	19.88
USC scarf	13.57
TOTAL	93.98