

## Problem Grocery

**Input File:** GroceryIn.txt

**Output File:** Grocery.txt

**Project File:** Grocery

Cousin Tom owns a small convenience grocery store stocked with no more than one-thousand different items. Once a month his accountant gives him a new price list for all the items in the store. The list consists of an item's name and its new price, ordered in *ascending* order by price. Tom would like the list ordered in *descending* order by price, and would like it to include the amount of sales tax on each item.

Knowing your aptitude for computers and your affinity to ice cream, Tom as asked you to rearrange the list in exchange for all the ice cream you can eat. Naturally you have agreed. Write a program to rearrange the list and to calculate the sales tax on each item.

### Inputs

The first line of input will contain the number of items in the price list, which will always be less than 1000. This will be followed by the price list with the items ordered in *ascending* order by price, one line of input per store item. Each of these lines will consist of an item's one word name followed by its price.

### Outputs

The output will be the input price list re-ordered in *descending* order by price. There will be three outputs on each line: the items name, followed by the item's price, followed by the sales tax on the item assuming a sales tax rate of 8.5%. The sales tax should be rounded to the nearest penny. The outputs will be presented in three columns.

### Sample input

```
6
gum          0.25
peas         0.76
carrots      1.84
potatoes     2.53
steak        4.59
coffee      5.93
```

### Sample output

coffee	5.93	0.50
steak	4.59	0.39
potatoes	2.53	0.22
carrots	1.84	0.16
peas	0.76	0.06
gum	0.25	0.02