

## Winery production

Multiple wineries register the type and amount of wine sold, and the price the wine was sold at each year. Wineries and products can be listed multiple times.

Write a program that gives the name of the winery, the product, and the amount sold for the highest price by any of the wineries.



### Input

The first line of the *standard input* contains the count of years ( $1 \leq N \leq 100$ ). The next  $N$  lines contain the name of the winery, the name of the product, the amount ( $1 \leq A \leq 10\ 000$ ) and the price ( $1 \leq P \leq 10\ 000$ ) of the wine sold.

### Output

The first line of the *standard output* should contain the name of the winery, the product, and the amount sold for the highest price by any of the wineries. If there are multiple products sold for the same highest price give the first occurrence.

### Example

*Input*

```
13
Vineyard A;Merlot;500;25
Red Grapes Estate;Shiraz;400;35
Vineyard A;Cabernet Sauvignon;300;30
Red Grapes Estate;Pinot Noir;250;28
Sun Valley Vineyards;Chardonnay;300;24
Vineyard A;Chardonnay;200;22
Golden Hills Winery;Chardonnay;150;26
Mountain View Cellars;Zinfandel;350;30
Golden Hills Winery;Pinot Noir;450;38
Vineyard A;Chardonnay;200;22
Mountain View Cellars;Shiraz;180;33
Sun Valley Vineyards;Zinfandel;100;32
Golden Hills Winery;Merlot;200;28
```

*Output*

```
Vineyard A Chardonnay 400
```