# Collections.OrderedDict() ★



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## collections.OrderedDict

An OrderedDict is a dictionary that remembers the order of the keys that were inserted first. If a new entry overwrites an existing entry, the original insertion position is left unchanged.

### Example

#### Code

```
>>> from collections import OrderedDict
>>>
>>> ordinary_dictionary = {}
>>> ordinary_dictionary['a'] = 1
>>> ordinary_dictionary['b'] = 2
>>> ordinary_dictionary['c'] = 3
>>> ordinary_dictionary['d'] = 4
>>> ordinary_dictionary['e'] = 5
>>> print ordinary_dictionary
{'a': 1, 'c': 3, 'b': 2, 'e': 5, 'd': 4}
>>>
>>> ordered_dictionary = OrderedDict()
>>> ordered_dictionary['a'] = 1
>>> ordered_dictionary['b'] = 2
>>> ordered_dictionary['c'] = 3
>>> ordered_dictionary['d'] = 4
>>> ordered_dictionary['e'] = 5
>>>
>>> print ordered_dictionary
OrderedDict([('a', 1), ('b', 2), ('c', 3), ('d', 4), ('e', 5)])
```

## Task

You are the manager of a supermarket.

You have a list of  $m{N}$  items together with their prices that consumers bought on a particular day.

Your task is to print each item\_name and net\_price in order of its first occurrence.

item\_name = Name of the item.

net\_price = Quantity of the item sold multiplied by the price of each item.

# Input Format

The first line contains the number of items,  $oldsymbol{N}$ .

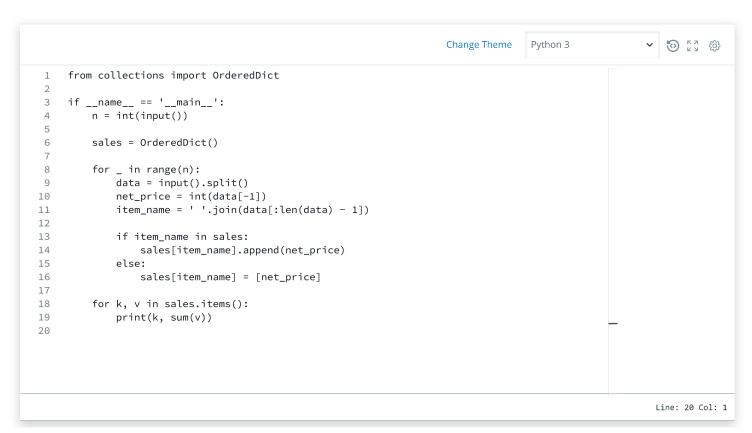
The next  $m{N}$  lines contains the item's name and price, separated by a space.

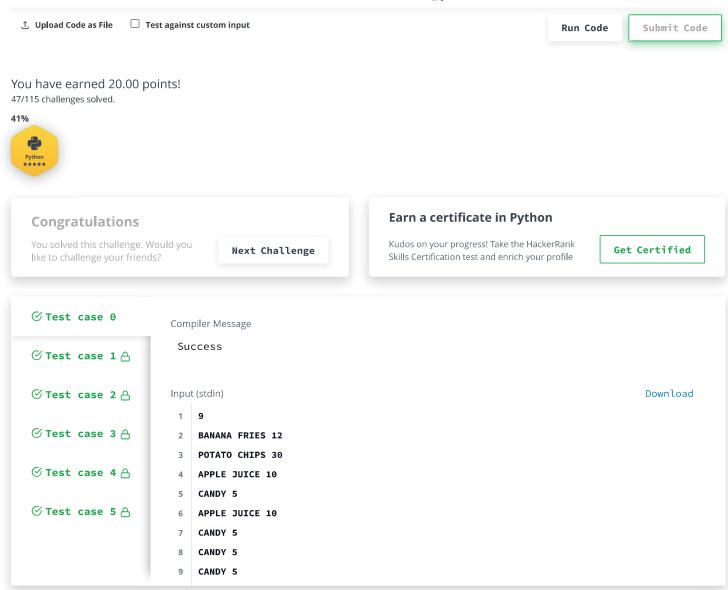
# Constraints

 $0 < N \le 100$ 

**Output Format** 

```
Print the item_name and net_price in order of its first occurrence.
Sample Input
  BANANA FRIES 12
  POTATO CHIPS 30
  APPLE JUICE 10
  CANDY 5
  APPLE JUICE 10
  CANDY 5
  CANDY 5
  CANDY 5
  POTATO CHIPS 30
Sample Output
  BANANA FRIES 12
  POTATO CHIPS 60
  APPLE JUICE 20
  CANDY 20
Explanation
BANANA FRIES: Quantity bought: 1, Price: 12
Net Price: 12
POTATO CHIPS: Quantity bought: 2, Price: 30
Net Price: 60
APPLE JUICE: Quantity bought: 2, Price: 10
Net Price: 20
CANDY: Quantity bought: 4, Price: 5
Net Price: 20
```





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