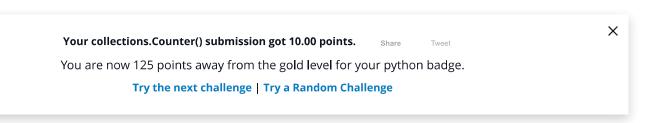
collections.Counter() ★



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Problem Submissions Leaderboard Editorial 🛆 collections.Counter() A counter is a container that stores elements as dictionary keys, and their counts are stored as dictionary values. Sample Code >>> from collections import Counter >>> >>> myList = [1,1,2,3,4,5,3,2,3,4,2,1,2,3] >>> print Counter(myList) Counter({2: 4, 3: 4, 1: 3, 4: 2, 5: 1}) >>> print Counter(myList).items() [(1, 3), (2, 4), (3, 4), (4, 2), (5, 1)]>>> print Counter(myList).keys() [1, 2, 3, 4, 5] >>> print Counter(myList).values() [3, 4, 4, 2, 1]

Task

 ${\it Raghu}$ is a shoe shop owner. His shop has ${\it X}$ number of shoes.

He has a list containing the size of each shoe he has in his shop.

There are $m{N}$ number of customers who are willing to pay $m{x_i}$ amount of money only if they get the shoe of their desired size.

Your task is to compute how much money $m{Raghu}$ earned.

Input Format

The first line contains $oldsymbol{X}$, the number of shoes.

The second line contains the space separated list of all the shoe sizes in the shop.

The third line contains $oldsymbol{N}$, the number of customers.

The next \pmb{N} lines contain the space separated values of the \pmb{shoe} \pmb{size} desired by the customer and $\pmb{x_i}$, the price of the shoe.

Constraints

 $0 < X < 10^3$

 $0 < N \leq 10^3$

 $20 < x_i < 100$

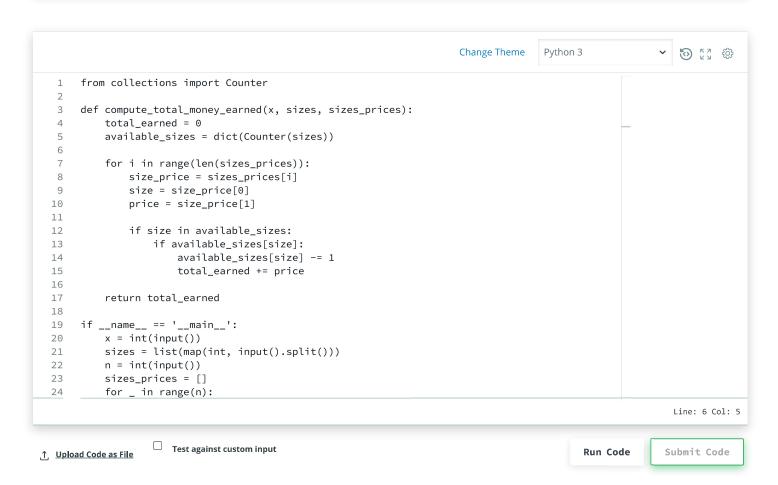
 $2 < shoe \ size < 20$

Output Format

Print the amount of money earned by Raghu.

Sample Input

```
10
  2 3 4 5 6 8 7 6 5 18
  6
  6 55
  6 45
  6 55
  4 40
  18 60
  10 50
Sample Output
  200
Explanation
Customer 1: Purchased size 6 shoe for $55.
Customer 2: Purchased size 6 shoe for $45.
Customer 3: Size 6 no longer available, so no purchase.
Customer 4: Purchased size 4 shoe for $40.
Customer 5: Purchased size 18 shoe for $60.
Customer 6: Size 10 not available, so no purchase.
Total money earned = 55 + 45 + 40 + 60 = $200
```

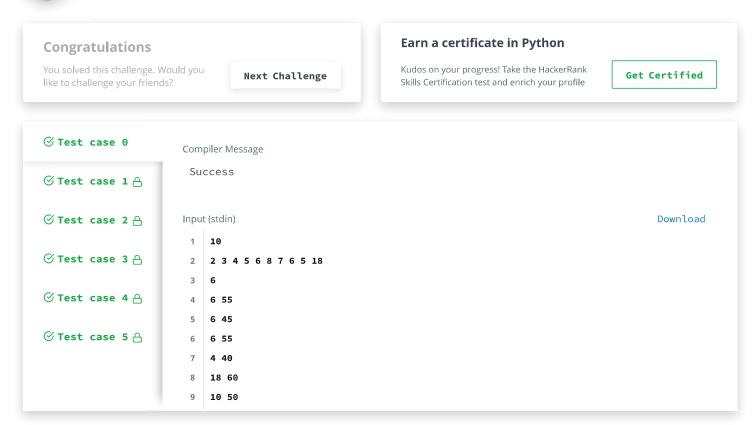


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275/400





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