Duplicated Products

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Recommended Time: 15 mins Points: 50 13 test cases (5 samples)

Skills: Problem Solving (Basic)

Coding EASY Implementation Problem Solving Algorithms Sets Interviewer Guidelines

You are given a complex list of *n* products, each with a *name, price,* and *weight*. Find out how many duplicate products are present within the list. Duplicate products contain identical parameters for all fields in the list (i.e. *name*, *price,* and *weight).*

Example:

There are *n = 5* products with attributes listed in three arrays, aligned by index.

name = [ball, bat, glove, glove, glove]
price = [2, 3, 1, 2, 1]
weight = [2, 5, 1, 1, 1]

A complete item description for item 0: *(name[0], prices[0], weight[0])* is *(ball, 2, 2)*

```
Name     Price Weight
ball     2     2
bat      3     5
glove    1     1
glove    2     1
glove    1     1
```

The first two items are unique.
The two gloves at indices *2* and *4* are equal in all three attributes so there is *1* duplicate.
The last glove at index 3 has a different price from the other two, so it is not a duplicate.