

Duplicated Products

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

Skills: Problem Solving (Basic)

Coding🔒 EASY

ImplementationProblem SolvingAlgorithmsSetsInterviewer 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.

There is 1 duplicate item in the original list.