

Filename: truck_loading.py
Bug type: incorrect output

Bug report

Expected Behaviour

Our construction company is using this command line application to efficiently deliver building material on site. Its main functionality is to evenly split material across different trucks so none is overloaded.

The input comes in as a file name which is then read by the program. The input file should take that exact format.

Bricks	400
Tires	75
Foam	5
Paint	220
Wire	150
Concrete	350
Wood planks	200

Each line in the file describes a product name followed by the quantity to be delivered in kilograms.

After inputting a file name, the user will be asked to enter the number of containers among which the products should be split and at output file name. The content of the output file should look like this.

```
Container #1
Bricks ..... 400kg
Wood planks ..... 200kg
Tires ..... 75kg
Foam ..... 5kg
Total time: 680kg
```

```
Container #2
Concrete ..... 350kg
Paint ..... 220kg
Wire ..... 150kg
Total time: 720kg
```

Bug

When giving the same input file as above and splitting the items between two trucks, we received the following output.

Container #1

Bricks	400kg
Wood planks	200kg
Tires	75kg
Foam	5kg
Total:	5kg

Container #2

Concrete	350kg
Paint	220kg
Wire	150kg
Total:	150kg

Notice that the total weights are incorrect. This means our drivers cannot trust the app for load adjustment until the bug is fixed and all weights are correctly displayed.