

Write a Python program that reads two input files parsed as command-line arguments. The first file contains multiple lines of data about fruits, their stock in kg and price. The second file contains fruit names each on a separate line. **Your program should print the fruit name and the total cost of that fruit in stock for each fruit in the second file. If a fruit is not found in the price list, your program should throw an exception and print an error message as stated below.** All outputs should both be printed to the console and to an output file parsed as the third command-line argument.

INPUT FORMAT

Sample input files:

<code>prices.txt (sys.argv[1])</code>	<code>fruits.txt (sys.argv[2])</code>
<code>apple:5:2</code> <code>banana:10:4</code> <code>strawberry:4:3</code> <code>grape:7:2</code>	<code>apple</code> <code>banana</code> <code>pear</code>

Each line in the first input file will contain a fruit inventory in which the fruit name is followed by the fruit stock in kg, and the price. All values are separated by a colon ':' (not spaces!).

OUTPUT FORMAT

1. Your program should print the following sentence to the console before outputting the results:

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2. You should print the results both to the screen and to an output file parsed as the third command-line argument.
3. Example output for the given sample inputs:

<code>output.txt (sys.argv[3])</code>
<code>Fruit: apple - price: 10</code> <code>Fruit: banana - price: 40</code> <code>This fruit is not found: pear</code>

SUBMISSION FORMAT

Zip your file before submitting (not .rar, only .zip files are supported by the system). File hierarchy:

- `<student id>.zip`
- `quiz4.py`