7.8 LAB: Word frequencies (lists)

Write a program that first reads in the name of an input file and then reads the file using the csv.reader() method. The file contains a list of words separated by commas. Your program should output the words and their frequencies (the number of times each word appears in the file) without any duplicates.

Ex: If the input is:

```
input1.csv
```

and the contents of input1.csv are:

```
hello,cat,man,hey,dog,boy,Hello,man,cat,woman,dog,Cat,hey,boy
```

the output is:

```
hello 1
cat 2
man 2
hey 2
dog 2
boy 2
Hello 1
woman 1
Cat 1
```

Note: There is a newline at the end of the output, and **input1.csv** is available to download.

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Downloadable files

| input1.csv | **Download** |

ma...py   Load default template...

```
1  import csv
2
3  # Type your code here.
```

| **Develop mode** | **Submit mode** |

Run your program as often as you'd like, before submitting for grading. Below, type any needed input values in the first box, then click **Run program** and observe the program's output in the second box.

Enter program input (optional)

```
If your code requires input values, provide them here.
```

Run program   Input (from above) →   **main.py** (Your program)   → Output (shown below)

Program output displayed here

Signature of your work   **What is this?**

```
History of your effort will appear here once you begin working on this zyLab.
```

Feedback?