

Problem 63: File Extensions

Difficulty: Easy

Originally Published: Code Quest 2017



Problem Background

Often, when working with files, it's helpful to separate the extension from the filename. This is useful when wanting to perform an action on certain type of file. An example would when you want to move or rename all text files.

Problem Description

Your task is to take a list of filenames as input and create a list of extensions along with their count.

Sample Input

The first line of your program's input, received from the standard input channel, will contain a positive integer representing the number of test cases. Each test case will include:

- A list of filenames with extensions. Each filename will be on its own line.

```
6
File1.txt
File2.doc
File3.out
File4.txt
File5.so
File6.dll
```

Sample Output

The output of the program should be the list of file extensions without the dot, followed by the number of times the extension was found. A single space should be between the extension and the count. The extensions will each be on separate lines and should only be listed once. List the file extensions in the order that you encounter them in the input file.

```
txt 2
doc 1
out 1
so 1
dll 1
```