The Virtual Learning Environment for Computer Programming

Number of different letters

X36667_en

A code to compute the number of different letters a word has is desired. Write a function $num_dif_letters_list(f)$ that provided a list of words f returns a list of numbers. Each number in the result list has to be the number of different letters of the corresponding word in f. All words in f consists of lowercase letters.

Sample session

```
>>> num_dif_letters_list(['alea', 'iacta', 'est'])
[3, 4, 3]
>>> num_dif_letters_list(['', 'z', 'zz', 'zzz', 'zzzz'])
[0, 1, 1, 1, 1]
>>> num_dif_letters_list([])
[]
>>> num_dif_letters_list(['atalaya', 'orinoco', 'pasas', 'elixir'])
[4, 5, 3, 5]
```

Problem information

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