Class lists
X26369_en

At EEBE school each student is enrolled in various groups of different subjects. Those enrollment data are saved in a dictionary that associates the ID of each student with the list of groups in which he has enrolled.

The school has to provide each teacher with the list of students enrolled in their groups.

Design a function *listas_clase*(*matr*) that, given a dict *matr* with enrollment data like the one described at the beginning, returns another dictionary that associates each group with the alphabetically sorted list of the IDs of the students enrolled in that group.

Sample session

```
>>> matr = {'5555E': ['I21', 'SD32', 'MC10'],
...         '2222B': ['I21', 'DCAD11', 'E10'],
...         '4444D': ['I21', 'SD32'],
...         '1111A': ['I21', 'DCAD11', 'MC10'],
...         '3333C': ['I21', 'SD32', 'E10']}
>>> lc = listas_clase(matr)
>>> if lc != {'I21':['1111A','2222B','3333C','4444D','5555E'],
...           'DCAD11': ['1111A','2222B'],
...           'SD32': ['3333C','4444D','5555E'],
...           'MC10': ['1111A','5555E'],
...           'E10': ['2222B','3333C']}:
...     print(lc)
```

Problem information

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