

# Assignment 5 - unknown language

Given a dictionary (a list of words in lexicographic order) of all words in an unknown/invented language, find the alphabet (an ordered list of characters) of that language.

This language can contain any character (of the native char data type). Upper/lower case characters are treated differently for simplicity. Assume standard lexicographical ordering (order by characters from left to right, if X is a prefix of Y then X is sorted before Y), just with an unknown order of characters.

Write a function that will receive an ordered list of strings, and returns an ordered list of characters.

Example input: [ART, RAT, CAT, CAR]. Solution: [A, T, R, C].