133. Longest Words

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Given a dictionary, find all of the longest words in the dictionary.

Have you met this question in a real interview?

Yes

**Example**

Given

{

"dog",

"google",

"facebook",

"internationalization",

"blabla"

}

the longest words are(is) ["internationalization"].

Given

{

"like",

"love",

"hate",

"yes"

}

the longest words are ["like", "love", "hate"].

<http://www.lintcode.com/en/problem/longest-words/#>

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*\*/*

**package** javaapplication27;

**import** java.util.ArrayList;

**import** java.util.List;

***/\*\****

***\****

***\* @author Usuario***

***\*/***

**public** **class** JavaApplication27 {

***/\*\****

***\* @param dictionary***

***\* @param args the command line arguments***

***\*/***

**public** **static** List<String> longestWords(String[] dictionary) {

*// write your code here*

        List<String> res = **new** ArrayList();

        String longest = "";

**for**(String elem : dictionary) {

**if**(elem.length() > longest.length()) {

                res = **new** ArrayList();

                longest = elem;

                res.add(longest);

            }**else** **if**(elem.length() == longest.length()) {

                res.add(elem);

            }

        }

**return** res;

    }

**public** **static** **void** main(String[] args) {

*// TODO code application logic here*

       String[] s = {

            "like",

            "love",

            "hate",

            "yes"

          };

**for**(String elem : longestWords(s)){

           System.out.print(elem + " ");

       }

    }

}