784. The Longest Common Prefix II

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Total Runtime: 3221 ms

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package javaapplication1;

import java.util.\*;

public class JavaApplication1 {

public static int theLongestCommonPrefix(List<String> dic, String target) {

// write your code here

int max =0;

for(int i =0; i<dic.size(); i++) {

String actual = dic.get(i);

int pref =0;

for(int j =0; j< Math.min(actual.length(), target.length()); j++) {

if(actual.charAt(j) == target.charAt(j)) {

pref++;

} else{

break;

}

}

max = Math.max(max, pref);

}

return max;

}

public static void main(String[] args) {

// TODO code application logic here

String[] dic = { "abcba","acc","abwsf"};

List<String> lista= new ArrayList();

for(int i =0; i<dic.length; i++) {

lista.add(dic[i]);

}

String target = "abse";

System.out.println(theLongestCommonPrefix(lista, target));

}

}