**7 kyu**

**The First Non Repeated Character In A String**

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Java

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You need to write a function, that returns the first non-repeated character in the given string.

For example for string "test" function should return 'e'.  
For string "teeter" function should return 'r'.

If a string contains all unique characters, then return just the first character of the string.  
Example: for input "trend" function should return 't'

You can assume, that the input string has always non-zero length.

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\*/

package javaapplication53;

import java.util.HashMap;

/\*\*

\*

\* @author Usuario

\*/

public class JavaApplication53 {

public static Character firstNonRepeated(String source) {

// Your code here.

HashMap<Character, Integer> hash =

new HashMap();

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

if(hash.containsKey(source.charAt(i))) {

hash.put(source.charAt(i), source.charAt(i) + 1);

}

else {

hash.put(source.charAt(i), 1);

}

}

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

if(hash.get(source.charAt(i)) == 1) {

return source.charAt(i);

}

}

return Character.MIN\_VALUE;

}

public static void main(String[] args) {

// TODO code application logic here

}

}