209. First Unique Character in a String

* [Description](http://www.lintcode.com/en/problem/first-unique-character-in-a-string/" \l "description)
* [Notes](http://www.lintcode.com/en/problem/first-unique-character-in-a-string/#note)
* [Testcase](http://www.lintcode.com/en/problem/first-unique-character-in-a-string/#testcase)
* [Judge](http://www.lintcode.com/en/problem/first-unique-character-in-a-string/#judge)

Find the first unique character in a given string. You can assume that there is at least one unique character in the string.

Have you met this question in a real interview?

Yes

**Example**

For "abaccdeff", return 'b'.

<http://www.lintcode.com/en/problem/first-unique-character-in-a-string/>

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\*/

package javaapplication12;

import java.util.HashMap;

/\*\*

\*

\* @author Usuario

\*/

public class JavaApplication12 {

/\*\*

\* @param args the command line arguments

\*/

public char firstUniqChar(String str) {

// Write your code here

HashMap<Character, Integer> hm

= new HashMap();

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

if(hm.containsKey(str.charAt(i))) {

hm.put(str.charAt(i), hm.get(str.charAt(i))+1);

} else {

hm.put(str.charAt(i), 1);

}

}

char res = 'a';

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

if(hm.get(str.charAt(i))==1)

{

res = str.charAt(i);

break;

}

}

return res;

}

public static void main(String[] args) {

// TODO code application logic here

}

}