**Write a program to find the first non duplicate on this aaddggbhmb string ? best approach with complexity**

Given a string, find the first non-repeating character in it. For example, if the input string is “GeeksforGeeks”, then the output should be ‘f’ and if the input string is “GeeksQuiz”, then the output should be ‘G’.

**Input: "geeksforgeeks"Explanation:**

**Step 1:** Construct a character count array from the input string.

count['e'] = 4

count['f'] = 1

count['g'] = 2

count['k'] = 2

**Step 2:** Get the first character who's

count is 1 ('f').

<https://www.geeksforgeeks.org/given-a-string-find-its-first-non-repeating-character/>

**public** **class** FirstNonRepeatingCharacter {

**static** **final** **int** ***NO\_OF\_CHARS*** = 256;

**static** **char** *count*[] = **new** **char**[***NO\_OF\_CHARS***];

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

String str = "geeksforgeeks";

**int** index = *firstNonRepeating*(str);

System.***out***.println(str.charAt(index));

}

**private** **static** **int** firstNonRepeating(String str) {

*getCharCountArray*(str);

**int** index = -1, i;

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

**if** (*count*[str.charAt(i)] == 1) {

index = i;

**break**;

}

}

**return** index;

}

**private** **static** **void** getCharCountArray(String str) {

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

System.***out***.println(*count*[str.charAt(i)]++);

}

}

**Java-program-to-count-number-of-vowels-in-a-string**

java-program-to-separate-the-individual-characters-from-a-string

java-program-to-count-number-of-digits-in-a-string

java-program-sort-array-ascending-order

ava-program-for-bubble-sort

/java-program-for-selection-sort/

/java-program-to-perform-binary-search/ ; recursice,and normal way

program-to-find-the-duplicate-words-in-a-string

Write a program to sort haspmap according to key ?

# Java Program to Remove Duplicate Elements From an Array

1. Create a [LinkedHashSet](https://knpcode.com/java/collections/linkedhashset-in-java/" \t "https://knpcode.com/java-programs/remove-duplicate-elements-from-array-java-program/_blank) by passing the array. Since Set only stores unique elements so duplicates are automatically removed by this process. Since LinkedHashSet maintains the insertion order so array element sequence too would not be disturbed
2. Write your own logic in Java to remove duplicate elements from an array.
3. Using distinct() method of the [Java Stream API](https://knpcode.com/java/java-stream-api-with-examples/" \t "https://knpcode.com/java-programs/remove-duplicate-elements-from-array-java-program/_blank) you can remove duplicate elements from an array. This option is available Java 8 onward.

int[] numArr = {1, 1, 6, 7, 56, 9, 1, 23, 56, 7, 9, 10, 10};

// creating List from array

List<Integer> numList = new ArrayList<Integer>();

for(int i : numArr){

numList.add(i);

}

Set<Integer> set = new LinkedHashSet<Integer>(numList);

// Putting elements back in array

int[] tempArray = new int[set.size()];

int j =0;

for(int num:set){

tempArray[j++] = num;

}

Java 8 :

int tempArray[] = Arrays.stream(numArr).distinct().toArray();

# Java Program to Reverse Each Word in a String