Removing Keys from HashMap

**Grade settings**: Maximum grade: 100  
**Disable external file upload, paste and drop external content**: Yes  
**Based on**: [Removing Keys from HashMap](https://cognizant.tekstac.com/mod/vpl/view.php?id=97828)  
**Run**: Yes **Evaluate**: Yes  
**Automatic grade**: Yes

Given a method with a HashMap<Integer,string> as input. Write code to remove all the entries having keys multiple of 4 and return the size of the final hashmap.

 Include a class UserMainCode with a static method **sizeOfResultandHashMap** which accepts hashmap as input.

 The return type of the output is an integer which is the size of the resultant hashmap.

 Create a class Main which would get the input and call the static method sizeOfResultandHashMap present in the UserMainCode.

**Input and Output Format:**

First input corresponds to the size of the hashmap.

Input consists of a hashmap<Integer,String>.

Output is an integer which is the size of the hashmap.

Refer sample output for formatting specifications.

**Sample Input 1:**

**3**

**2**

**hi**

**4**

**hello**

**12**

**hello world**

**Sample Output 1:**

1

**Sample Input 2:**

**3**

**2**

**hi**

**4**

**sdfsdf**

**3**

**asdf**

**Sample Output 2:**

2