**Q1:-**

**package** pptAssignments;

**import** java.util.\*;

**public** **class** MoveZeroes {

**public** **static** **void** moveZeroes(**int**[] nums) {

**int** nonZeroIndex = 0;

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

**if** (nums[i] != 0) {

nums[nonZeroIndex++] = nums[i];

}

}

**while** (nonZeroIndex < nums.length) {

nums[nonZeroIndex++] = 0;

}

}

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

**int**[] nums = {0, 1, 0, 3, 12};

System.***out***.println("Input: " + Arrays.*toString*(nums));

*moveZeroes*(nums);

System.***out***.println("Output: " + Arrays.*toString*(nums));

}

}

Q2:-

import java.util.HashMap;

import java.util.Map;

public class Main {

public static int firstUniqChar(String s){

Map<Character, Integer> charFreq = new HashMap<>();

for (char c : s.toCharArray()) {

charFreq.put(c, charFreq.getOrDefault(c, 0) + 1);

}

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

if (charFreq.get(s.charAt(i)) == 1) {

return i;

}

}

return -1;

}

public static void main(String[] args) {

String s1 = "leetcode";

System.out.println("Input: " + s1);

System.out.println("Output: " + firstUniqChar(s1));

String s2 = "loveleetcode";

System.out.println("Input: " + s2);

System.out.println("Output: " + firstUniqChar(s2));

String s3 = "aabb";

System.out.println("Input: " + s3);

System.out.println("Output: " + firstUniqChar(s3));

}

}