Move Zeroes

public void moveZeroes(int[] nums) {

int left = 0;

int right = 0;

while (right < nums.length) {

if (nums[right] != 0) {

// Swap non-zero element to the left side

int temp = nums[left];

nums[left] = nums[right];

nums[right] = temp;

left++;

}

right++;

}

}

First Unique Character in a String  
  
public int firstUniqChar(String s) {

HashMap<Character, Integer> charCount = new HashMap<>();

// Update the count of each character in the hashmap

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

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

}

// Find the index of the first non-repeating character

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

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

return i;

}

}

return -1; // No non-repeating character found

}