class RemoveDuplicates {

public static void main(String[] args) {

int[] nums = {1,1, 2, 2, 3, 4, 4};

int k = 1;

for (int i = 1; i < nums.length; i++) {

if (nums[i] != nums[k - 1]) {

nums[k++] = nums[i];

}

}

System.out.println("Unique elements: " + (k-1));

System.out.print("After removing duplicate elements: ");

for (int i = 0; i < k; i++) {

System.out.print(nums[i] + " ");

}

}

}

Output:

Unique elements: 3

After removing duplicate elements: 1 2 3 4