30 Days Leetcode Challenge - Day 2

import java.util.Arrays;

public class leetday2

{

// 7,9,1,1,1,3 - 1,1,1,3,7,9

// 2,4,1,3 - 1,3,2,4

public static void main (String []args)

{

int arr [] = {1,1,1};

findPeak(arr);

int nums []= {0,0,1,1,1,2,2,3,3,4};

removeDubplicates(nums);

}

public static void findPeak(int arr[])

{

int n = arr.length;

int c=0;

for(int i=0;i<n;i++)

{

if(arr[i]>arr[(i+1)%n])

{

c++;

}

}

if(c<=1)

{

System.out.println("true");

}

else

{

System.out.println("false");

}

}

public static void removeDubplicates(int nums[])

{

int n = nums.length;

int i=0;

for(int j=1;j<n;j++)

{

if(nums[j]!=nums[i])

{

nums[i+1]=nums[j];

i++;

}

}

System.out.println(Arrays.toString(nums));

System.out.println(i+1);

}

}