Sort Colors

[0,0,0,1,1,1,1,2,2,2]

2003-3

2003-5

two-3

Brute force - nlyn-sort, och)
Rohit - O(2)

(Mile (mid & high): if n[mid] = = 1: mid ++; elif ntmid]==0 Swap (ncmid], n[low]) Now tt, mid tt Swap(n[mid],n[hish])

 $\frac{1}{n}$ $\frac{1}$

N([0:P2+1] = M3 (0:P2+1)

P([4, 4, 4] 6, 1/2 5, 6, 9/8)

P([4, 4, 4] 6, 1/2 5, 6, 9/8)

111,

Merge Sorted Arm names = [1, 2, 4, 4, 4, 7, 18, 9] nums 2= [4,8,9] 1,3,4,5,7,8 (1,4,8)

-Tharming-O(mtn)

O(m+n log(mrn))