283. Move zeraes; T[p: nums = [0, 1, 0, 3, 12] ofe: [1,3,12,0,0] we need to: M Move all zeros to end * keep relative order of non-zero elements Brule price: Brute force: 3 (type of 3 mais) of soling. I copy all non-zono elements in order 3. Fill remaining positions with zeros. - tople But according to the problem statement we Shouldn't use extra away. I toll was necker Efficient two pointer approach: use two pointers: * last Nonzero Found At -> points to the index where the next hon -zero should go. or current -) loops through the array. typs: (c) o = state: 2. If nums [current] is non. zero: w swap nums (astronZeroFoundAt) and nums (current) * Increment Last Non Zero Faind At

3. Continue until the end.

dars solution { public void moveZeroes (Int (Juans) { Int last NonZero Found ME = 0; for (int current = 0; current 2 nums. length; current 4+) { if (nums [wesent]! - 0) } int temp = nums [losstNonZerofound At]; nums [last NonZero FoundAt] = nums [current]; nums [cursout] = temp; Last Nonzero FoundAL 44; wer a chai guess with good of s. Killings her views consul Invigino of down pass 8 Dry Run! nums = [0,1,0,3,12] Last Non Zero Found At = 0 auxent = 0 -> nurs[0] = 0 -> 8kip aurent = 1 -> nums (1] = 0 -> swap nums [0] and nums [1] -> nums = [1,0,0,3,12], last NonZero FoundAt = 1 wwent = 2 -> nums [2] = 0 -> skip cuerent = 3 -> nums [3] = 03 -> swap nums [1] and nums [3]-> nums = [1,3,0,0,12], last NonZero foundAt = 2 current = 4 > nuns [4] = 12 > swap nums [2] and nums [4] nums = [1,3,12,0,0], Last Non Zero found At = 3 Resnett = [1,3, 12, 0, 0] Time -> o(n) space -> o(1). chapter of left) Compage - Emple