8) Remove Element oriven an integer areay nums and an integer val remove all occurences of val in nums in-place.
The relative order of the elements may be changed. Result to be placed in first part of the averag nume.) ---of there are k elements after removing the duplicate, then the first to elements of nums should hold the final aresult. It does not watter what you leave beyond the first k Return le after plaing the final oresult Donot allocate entra space for abother array. Modifying the input array in-place with 0(1) patrie (2)3 Enamplesmms = [3,2,2,3], [val = 3] - 2, C 2, 2, -, -] nums = [0,1,2,2,3,0,4,2], val = 2) $\rightarrow (5), [(0,1,4,0,3),---]$ 3 > Intuition -Two pointer? Why? First , to our through the entire length of Second & To hold elements in first part that are to be kept in the averay... (i)

