nums = [0,1,2,2,3,0,4,2] val = 2

- Tor the given away, we need to remove all occurrences of val from the wordy.
- Change array such that the first & elements do not contain val
- Return &.
- → Do it in place

* Two pointer approach :-

numu = [0,1,2,2,3,0,4,2] Val = 2

- -> Since we wont to change the away in place, we can push the val to the very end of the array.
- Lets eay the ewoping talk was done le times, then it weare that first le elements do not contain val.

function solution (are, value) \(\frac{2}{5} \)

let i=0, j=arr. (ength-1, k=0;

while (i <= j) \(\frac{2}{5} \)

if (are [i] == value) \(\frac{2}{5} \)

[are [i], are [j]] = [are [j], are [i]];

j--;

3 else \(\frac{2}{5} \)

itt; k+t;

return k;

Time complements 1- 0(N)

