Algorithm

1. Traverse the given array 'arr' from left to right.
2. While traversing, maintain count of non-zero elements in the array.
3. Let the count be 'count'.
4. For every non-zero element arr[i], put the element at 'arr[count]' and increment 'count'.
5. After complete traversal, all non-zero elements have already been shifted to front end and 'count' is set as index of first 0.
6. Now all we need to do is that run a loop which makes all elements zero from 'count' till end of the array.