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Find all duplicates in an Array.
your on integer array num of length in where all integers of num are in trange [1, in] I could integer appears once or thour, gettien on array of all the integers that appear living.  [1, n]  Sy, n = 4
1, 2, 3, 3 First approach  1 2 3 3  1 2 3 3
De we two pointers & compare crory point of demonty of works, but it (Leu O(n2))  time · Henry it work
Derond approach  We we a Hoshst.  I t t t t  1 2 3 5
Hoshsit Res [3]
We iterate over the array once I check  If the element is present in the original.  If not we add add it to the hoshrid-  Yesult orday.

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This will also work, but is it is going to ux etter space. Here, we can't we it.
Optimal Approach
We tend through the voray & so the editors of an inder & mark it (-) if winted. We ald the - to the result orray.
Je - to fle front orry.
3-3-2 2