Given an array of size N containing only 0s, 1s, and 2s; sort the array in ascending order.

Example 1:

```
Input:
N = 5
arr[]= {0 2 1 2 0}
Output:
0 0 1 2 2
Explanation:
0s 1s and 2s are segregated
into ascending order.
```

Example 2:

```
Input:
N = 3
arr[] = {0 1 0}
Output:
0 0 1
Explanation:
0s 1s and 2s are segregated
into ascending order.
```

Your Task:
You don't need to read input or print anything. Your task is to complete the function **sort012()** that takes an array arr and N as input parameters and **sorts the array in-place.**

Expected Time Complexity: O(N)
Expected Auxiliary Space: O(1)

Constraints:

1 <= N <= 10^5

0 <= A[i] <= 2