0011202110 T: 10(N) 0000000 an. Putch Notion they
Myo)  $\begin{bmatrix}
0, p+J \rightarrow 0 \\
p+n, i+y-J \rightarrow I
\end{bmatrix}$   $(i+y, n+J) \rightarrow \infty$ 0 00 Thy pt

```
22
                         Pt1
                                                      ity
                                                              ps 2
        (0,41) -> 0
     ( PIA, Har) =1
      (ity, p2) -) 00
      (1/2H, h1) -> 2
public void sortColors(int[] arr) {
   int n = arr.length, pt1 = -1, itr = 0, pt2 = n - 1;
   while (itr <= pt2) {
                                                       0 0 0 0 0 0 1 4 11 12
      if (arr[itr] == 0) {
          swap(arr, itr++, ++pt1);
                                                                            P2
      } else if (arr[itr] == 1) {
          itr++;
       } else if (arr[itr] == 2) {
```

2

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