

```
12345
                                 [40] =
                      E503-
                  0
              1
                                              12345
                                 [30] 1
                      [40,50]
        0
                                              12845
                                 [10,20]
                      [30,40,50]
        0
     0
      5 [10,20,30,40,50]
Parties Inden :

O I 2 3 4 5 7

aus- [9, 8, 6, 18 / 33, 27] : Pivot = IR (1) are equal or smaller in prot-
    [9,8,33,27,6,18,10,2,3] int PI(ans) {
                                              upile (i Law.length) {

y(au[i] < P) {

y(i] : y) swap (aus, i, j)
                                                    120, j=0
                                                        1++;
1+9.
                                                       7 che 9
                                         return j-1:
```

 $\begin{bmatrix} 0 & 1 & 2 & 3 & 4 & 5 \\ 1 & 0 & 1 & 33 & 27 \end{bmatrix}$

https://www.geeksforgeeks.org/count-number-of-occurrences-or-frequency-in-a-sorted-array/

https://www.geeksforgeeks.org/ print-subsequences-string/