
Algorithm 1: Quick Sort Tce

```
1 def quick_sort_tce( $t, \ell, r$ ):  
2     while  $r - \ell > 1$  do  
3          $p \leftarrow \text{partition}(t, \ell, r)$   
4         quick_sort_tce( $t, \ell, p$ )  
5          $\ell \leftarrow p$   
6
```
