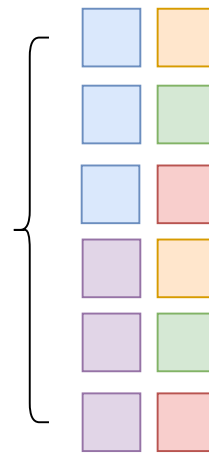


How iteration works in 4-Pivot Quick Sort  
 $arr[j]$  belongs to whether Partition 4 or Partition 5  
 $arr[k]$  to Partition 1, Partition 2 or Partition 3



...And we get the cartesian product of each condition we can encounter

