

9 11 12 8 8 7 11 8 11 9

Remove pivot value from the array; and
pack the array LEFT.

11 12 8 8 7 11 8 11 9
 i j j
 j ← j

Swap($A[i]$, $A[j]$), $i++$, $j--$

8 12 8 8 7 11 11 11 9
 i j j
 j ← j

Swap($A[i]$, $A[j]$), $i++$, $j--$

8 7 8 8 12 11 11 11 9
 i j i

Swap($A[i]$, pivot)

8 7 8 8 9 11 11 11 12
 i

Shift Right $i+1$ onwards so that "empty"
 slot(s) are at $i+1$ etc

8 7 8 8 9 11 11 11 12

Fill the empty slots with pivot

8 7 8 8 9 9 11 11 11 12