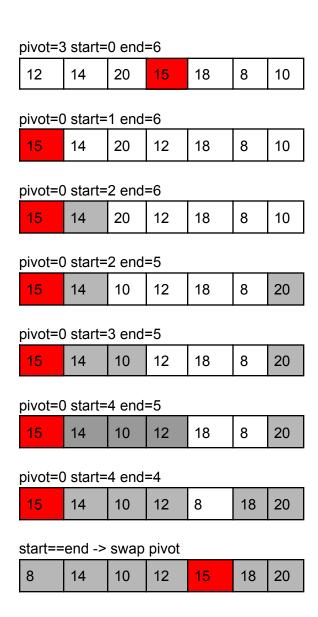
```
Method partition(data, start, end)
Pivot = Pick a random index number
If pivot different than start
        Swap elements pivot and start
        start += 1
While loop (start != end)
        If data[start] > data[pivot]
               Swap values start and end
               end --
        else
               start ++
If data[start] <= data[pivot]</pre>
        Swap start and pivot
        Pivot = start
Else
        Swap values start–1 and pivot
        Pivot = start -1
Return pivot
```



Return 4