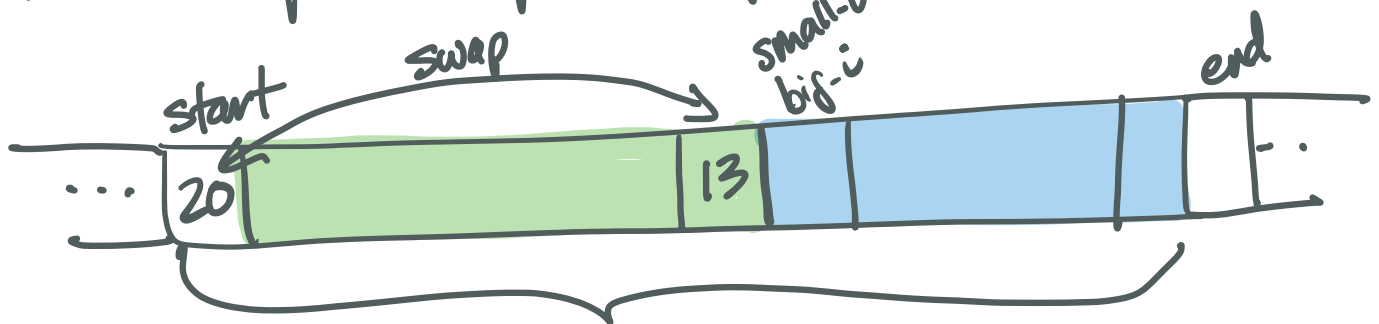# Developing an in-place Quicksort

Here's the old version:

```python
def quicksort(lst):
    if len(lst) < 2:
        return lst[:]
    else:
        pivot = lst[0]

        smaller, bigger = _partition(lst[1:], pivot)

        smaller_sorted = quicksort(smaller)
        bigger_sorted = quicksort(bigger)

        return smaller_sorted + [pivot] + bigger_sorted
```

How can partition put the pivot in place?

Partition lst [start : end]