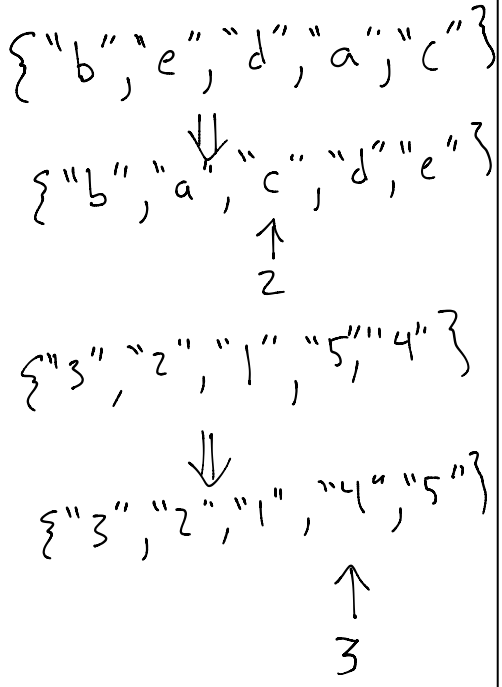
```
public class SortQuick {

  public static void swap(String[] array, int i1, int i2) {
    String temp = array[i1];
    array[i1] = array[i2];
    array[i2] = temp;
  }

  // Change array between start (inclusive) and end (exclusive), such that
  // all values at indices lower than a pivot index are smaller than or equal
  // to the value at the pivot, and all values at indices higher than the pivot
  // are larger than or equal to the value at the pivot
  public static int partition(String[] array, int low, int high) {









  }

  // continued on the back ...

}
```

low high

What is pivot?

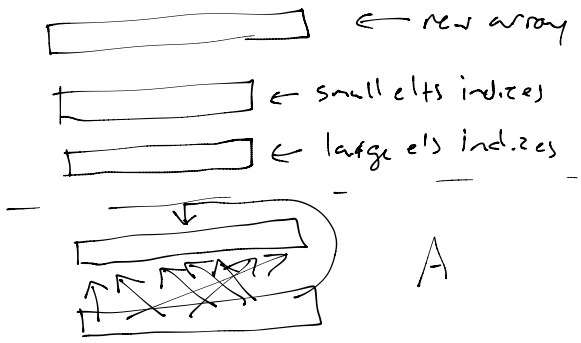
Examples depend on pivot

The pivot value is at index high - 1

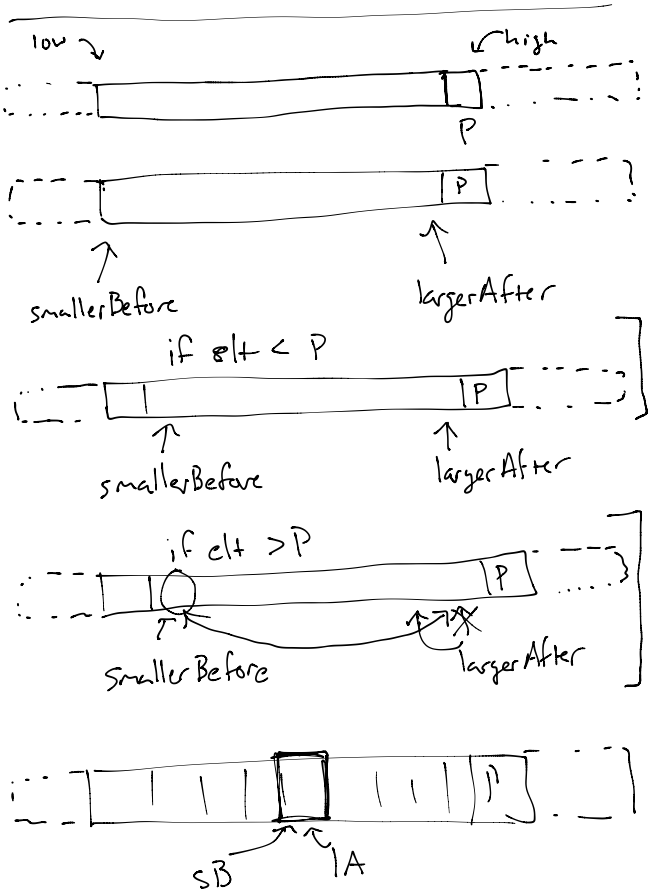


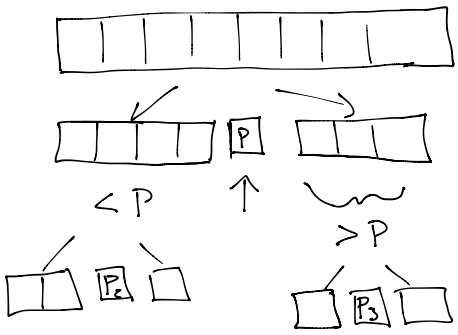
```
public class SortQuick {

  // ... code for partition from last page ...









  public static void sort(int[] arr) {



  }

}
```

	Insertion	**Selection**	**Merge**	**Quick**
Best case time				
Worst case time				



Joe had planned B





QuickSort