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Quick sort → Choosing a pivot

Medium 2 minutes

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To implement the quicksort algorithm, we can use various approaches to choosing the pivot, as well as apply different partition schemes. As an example, let’s consider the following array:

```
1 | { 18, 3, 15, 5, 14, 12, 11, 11, 15, 17, 19 }
```

If we choose the fourth element (which is 5) as the pivot, a possible partition will look as follows:

```
1 | { 3, 5, 18, 15, 14, 12, 11, 11, 15, 17, 19 }
```

The elements at the right of the pivot can be rearranged in any order, and it will still remain a correct partition for this pivot.

Given below is a collection of four arrays and pivots. Match each of the pivots with an array that corresponds to a correct partition for this pivot.

Report a typo

Match the items from left and right columns

	11	{ 3, 5, 11, 11, 12, 15, 14, 18, 15, 17, 19 }		
	15	{ 3, 5, 11, 12, 11, 14, 15, 15, 18, 17, 19 }		
	19	{ 18, 3, 15, 5, 14, 12, 11, 11, 15, 17, 19 }		
	17	{ 11, 11, 3, 5, 12, 15, 14, 15, 17, 19, 18 }		

✓ Correct.

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