1 Quick Sort Visualization

0	1	2	3	4	5	6
1	7	3	4	9	10	0

Figure 1: Step 1 of the quicksort algorithm

0	1	2	3	4	5	6
0	7	3	4	9	10	1

pivot

Figure 2: Step 2 of the quicksort algorithm

0	1	2	3	4	5	6
0	1	3	4	9	10	7

pivot

Figure 3: Step 3 of the quicksort algorithm

0	1	2	3	4	5	6
0	1	3	4	9	10	7

pivot

Figure 4: Step 4 of the quicksort algorithm

0	1	2	3	4	5	6
0	1	3	4	9	10	7

pivot

Figure 5: Step 5 of the quicksort algorithm

0	1	2	3	4	5	6
0	1	3	4	7	10	9

pivot
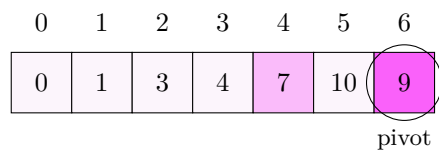
Figure 6: Step 6 of the quicksort algorithm

0	1	2	3	4	5	6
0	1	3	4	7	10	9

pivot
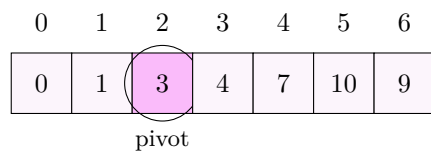
Figure 7: Step 7 of the quicksort algorithm

0	1	2	3	4	5	6
0	1	3	4	7	10	9

pivot
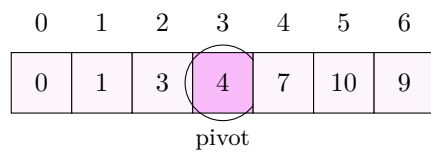
Figure 8: Step 8 of the quicksort algorithm

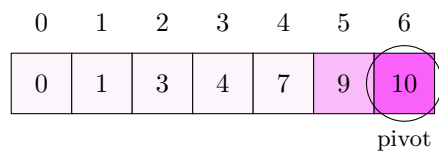| 0	1	2	3	4	5	6
0	1	3	4	7	9	10

pivot

Figure 9: Step 9 of the quicksort algorithm