

\Rightarrow it is search algorithm, and it is the fastest one.

9	-3	5	2	6	8	-6	1	3
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Pivot

- Choose a pivot
 \Rightarrow it better to choose an element from most right or most left.

numbers smaller than 3

-3	2	-6	1
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Pivot

← → numbers greater than 3

3	9	5	6	8
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Pivot

-3	-6
----	----

↓
Pivot

5	6
---	---

↓
Pivot

-6, -3

5, 6

-6	-3	1	2	5	6	8	9
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Sorted