In this exercise, we will apply quicksort on an unsorted array. Please sketch the content of the following arrays step-by-step.

* [33, 55, 24, 18, 47]
* [10, 20, 30, 40, 50, 60]

[33, 55, 24, 18, 47]

Pivot = 33

[24, 18] pivot [47,55]

[24,18]

Pivot = 24

[18,24]

[47,55]

Pivot = 47

[47, 55]

ANS: [18, 24, 33, 47,55]

[10, 20, 30, 40, 50, 60]

Pivot= 40

[10, 20, 30] pivot [50,60]

[10, 20, 30]

Pivot = 30

[10, 20]

[10, 20, 30]

Have a quicksort

Take the element and go back