1. Pick the Pivot Element.
2. Place the pivot in the correct Position of the sorted Array.
3. smaller on the left & larger on the right.

Pseudo code:

```
int Partition (vector<int>&arr, low, high)
        pivot ← arr[low]
        i ← low
        j ← high
        while (i<j)
            while (arr[i] <= pivot && i< high)
                i++;
            while (arr[j] > = pivot && j > low)
                j--;
            if (i<j)
                swap (arr[i], arr[j])
        swap (pivot, arr[j])
        return j;
    }
```

```
void QuickSort(vector<int>& arr , low, high)
    if (low < high)
        pIndex ← Partition (arr, low, high)
        QuickSort (arr, low, pIndex-1)
        QuickSort (arr, pIndex+1, high)
```