QUICK SORT

```
def partition(array, low, high):
  pivot = array[high]
  i = low - 1
  for j in range(low, high):
    if array[j] <= pivot:
      i = i + 1
  (array[i], array[j]) = (array[j], array[i])
  (array[i + 1], array[high]) = (array[high], array[i + 1])
  return i + 1
def quickSort(array, low, high):
  if low < high:
    pi = partition(array, low, high)
    quickSort(array, low, pi - 1)
    quickSort(array, pi + 1, high)
data = [8, 7, 2, 1, 0, 9, 6]
print("Unsorted Array")
print(data)
size = len(data)
quickSort(data, 0, size - 1)
print('Sorted Array in Ascending Order:')
print(data)
```

Output

Unsorted Array

[8, 7, 2, 1, 0, 9, 6]

Sorted Array in Ascending Order:

[7, 1, 9, 6, 0, 2, 8]