```python
def quicksort(A, low, high):
    if low < high :
        p = partition(A, low, high)
        quicksort(A, low, p-1)
        quicksort(A, p+1, high)

def partition(A, low, high):
    i = low-1
    pivot = A[high]
    for j in range(low, high):
        if A[j] <= pivot:
            i = i + 1
            A[i], A[j] = A[j], A[i]

    A[i+1], A[high] = A[high], A[i+1]

    return i+1

A = [84, 21, 96, 15, 47]
print('Original Array: ', A)
quicksort(A,0,len(A)-1)
print('Sorted Array: ', A)

```