```python
 1 def selectionsort(A):
 2     for i in range(len(A)-1, 0, -1):
 3         max_position = 0
 4         for j in range(1, i+1):
 5             if A[j] > A[max_position]:
 6                 max_position = j
 7         A[i], A[max_position] = A[max_position], A[i]
 8
 9 A = [84, 21, 96, 15, 47]
10 print('Original Array: ', A)
11 selectionsort(A)
12 print('Sorted Array: ', A)
13
```