**Quick sort Algorithm:**

**Step 1** − Choose the highest index value has pivot

**Step 2** − Take two variables to point left and right of the list excluding pivot

**Step 3** − left points to the low index

**Step 4** − right points to the high

**Step 5** − while value at left is less than pivot move right

**Step 6** − while value at right is greater than pivot move left

**Step 7** − if both step 5 and step 6 does not match swap left and right

**Step 8** − if left ≥ right, the point where they met is new pivot