QUICKSORT ALGORITHM:

**Step 1**:- declare variables lower,upper,count and an array.

**Step 2**:- Choose the highest index value as pivot

**Step 3** − Take two variables to point left and right .

**Step 4** − while value at left is less than pivot move right while value at right is greater than pivot move left

**Step 5** − if both step 5 and step 6 do not match, swap left and right.

**Step 6** − if left is greater than right, the point where they met is the new pivot.

**Step 7** - Display the sorted array.