1. Complete the all steps of ‘Quick Sort’ algorithm using the given example in your last class.
2. Analyze the complexity of ‘Quick Sort’ algorithm.
3. Implement the process or function that you can sort an array with descending order without reversing the array where that array is sorted ascending order.  
   for example, your array is sorted with ascending order like:  
   ar[] = {1, 2, 3, 4}  
   if you do traverse the array reversely then you will get the descending order list like:  
   ar[] = {4, 3, 2, 1}  
   But the problem is you can’t do that. You have to modify a function to implement a descending order list.
4. Solve and analyze the Recursion steps for “UVa 371 - Ackermann Functions” problem.