MERGE UNSORTED

Merge Unsorted ():		
Description: Here A is an array with M elements and B is an array with N elements. C is an empty array		
with P locations where P >= M + N.		
1.	Repeat For $I = 1$ to M	
2.	Set C[I] = A[I]	[Assign the elements of array A to array C]
	[End of For Loop]	
3.	Set $K = 1$	[Initialize counter]
4.	Repeat For $J = M+1$ to $M+N$	
5.	Set $C[J] = B[K]$	[Assign the elements of array B to array C]
6.	Set K = K + 1	[Increase the counter by 1]
	[End of For Loop]	
7.	Exit	

Explanation: In step 1 & 2, all the elements of array A are assigned to array C. Then K is initialized from 1 which will keep track of the elements of array B. In step 4 for loop, J is initialized from next empty location in C i.e. M+1 and it will iterate to total number of elements of array A & B i.e. M+N. In step 5, all the elements of array B are assigned to array C and in next step, K is incremented by 1.