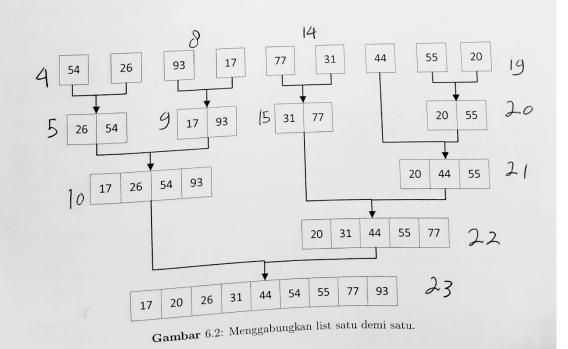


Gambar 6.1: Membelah list sampai tiap sub-list berisi satu elemen atau kosong. Sesudah itu digabung seperti ditunjukkan di Gambar 6.2.



## No.4(A)

## MergeSort

L=[80,7,24,16,43,91,35,2,19,72]										
80	7	24	16	43	91	35	2	19	72	
Proses 1 7 80	)	26	24	43	91	2	35	] [19	72	
Proses 2 7 10	5 24	80	2	35	43	91	19	72		
Proses 3 2 7	16	24	35   43	80	91	19	72			
Proses 4	7	16	19	24	35	43	72	80	91	
	No.4(B) QuickSort L=[80,7,24,16,43,91,35,2,19,72]									
80	7	24	16	43	91	35	2	19	72	
nivot										
pivot							_			
80	7	24	16	43	91	35	2	19	72	
80 Low									High pivot	
80 Low	7	24	16	43	91	35	2	19	High pivot 80	
Low  72 Low	7	24	16	43	91	35	2	19	High pivot 80 High pivot	
80 Low					91				High pivot 80 High pivot 80	
80 Low 72 Low	7   7	24	16	43	91 91 Low pivot	35	2	19	High pivot 80 High pivot 80 High	
Low  72 Low	7	24	16	43	91 91 Low pivot 80	35	2	19	High pivot 80 High pivot 80 High 91	
72 Low 72 72	7 7	24	16 16 16 16 16 16 16 16 16 16 16 16 16 1	43	91 Low pivot 80 Low	35	2 2	19 19 19 pivot	High pivot 80 High pivot 80 High High	
80 Low 72 Low	7   7	24	16	43	91 91 Low pivot 80	35	2	19	High pivot 80 High pivot 80 High 91	

pivot									
72	7	24	16	43	19	35	2	80	91
Low							High		
2	7	24	16	43	19	35	pivot 72	80	91
Low		27	10	1 43	17		High	00	71
							C		
pivot									
2	7	24	16	43	19	35	72	80	91
Low						High			
	pivot								
2	7	24	16	43	19	35	72	80	91
	Low					High			
2	7	pivot 24	16	43	19	35	72	80	91
		Low	10	43	19	High	12	00	91
		Lo				111511			
		pivot							
2	7	24	16	43	19	35	72	80	91
		Low			High				
					pivot				
2	7	19	16	43	24	35	72	80	91
		Low			High	<u>'</u>		·	
		T 10	1.6		pivot	1 25	T 50		0.1
2	7	19	16	Low	24 High	35	72	80	91
				Low	rigii				
				pivot					
2	7	19	16	24	43	35	72	80	91
				Low	High				
2	7	pivot 19	16	24	43	35	72	80	91
		Low	High		1 +3	1 33	1/2	00	91
		2011	111.511						
			pivot						
2	7	16	19	24	43	35	72	80	91
		Low	High						
					pivot				
2	7	16	19	24	43	35	72	80	91
	· '	10			Low	High		50	<i>&gt;</i> 1
						_			

		pivot								
2	7	16	19	24	35	43	72	80	91	
					Low	High				
2	7	16	19	24	35	43	72	80	91	