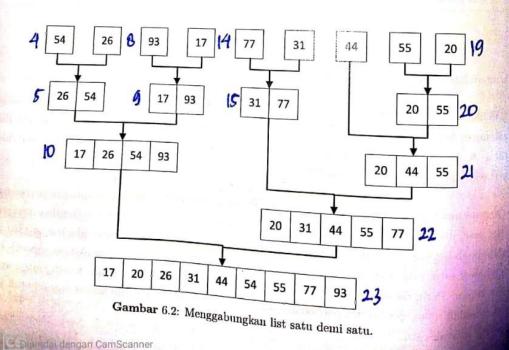


Gambar 6.1: Membelah list sampai tiap sub-list berisi satu elemen atau kosong. Sesudah itu digabung seperti ditunjukkan di Gambar 6.2.



No. 4

a) Merge Sort

L= [80, 7, 24, 16, 43, 91, 35, 2, 19, 72]

L-	[00, 7, 24,	10, 43, 31,	33, 2, 13,	/ 2]					
80	7	24	16	43	91	35	2	19	72
Proses 1									
7	80	16	24	43	91	2	35	19	72
Proses 2									
7	16	24	80	2	35	43	91	19	72
Proses 3									
2	7	16	24	35	43	80	91	19	72
Proses 4									
2	7	16	19	24	35	43	72	80	91

b) Quick Sort

L = [80, 7, 24, 16, 43, 91, 35, 2, 19, 72]

_ [00, 1, 10, 10, 10, 10, 10, 10, 10, 10]										
80	7	24	16	43	91	35	2	19	72	
Pivot										
80	7	24	16	43	91	35	2	19	72	
Low									High	
									Pivot	
72	7	24	16	43	91	35	2	19	80	
Low									High	
									Pivot	
72	7	24	16	42	01	25		10		
72	7	24	16	43	91	35	2	19	80	
					Low				High	
Pivot										
72	7	24	16	43	80	35	2	19	91	
					Low				High	
								Pivot		
72	7	24	16	43	19	35	2	80	91	
					Low			High		

Pivot									
72	7	24	16	43	19	35	2	80	91
Low							High		
							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			
	Pivot	;							
2	7	24	16	43	19	35	72	80	91
	Low					High	7.2		
		Disset							
2	7	Pivot 24	16	43	19	35	72	80	01
	/		16	43	19		12	80	91
		Low				High			
						rngn			
2	7	Pivot	16	43	19	35	72	80	91
2	7	Pivot		43			72	80	91
2	7	Pivot		43	High		72	80	91
2	7	Pivot 24 Low	16			35			
		Pivot 24 Low		43	High Pivot 24		72	80	91
		Pivot 24 Low	16		High Pivot 24 High	35			
2	7	Pivot 24 Low 19 Low	16	43	High Pivot 24 High Pivot	35	72	80	91
		Pivot 24 Low	16		High Pivot 24 High	35			

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