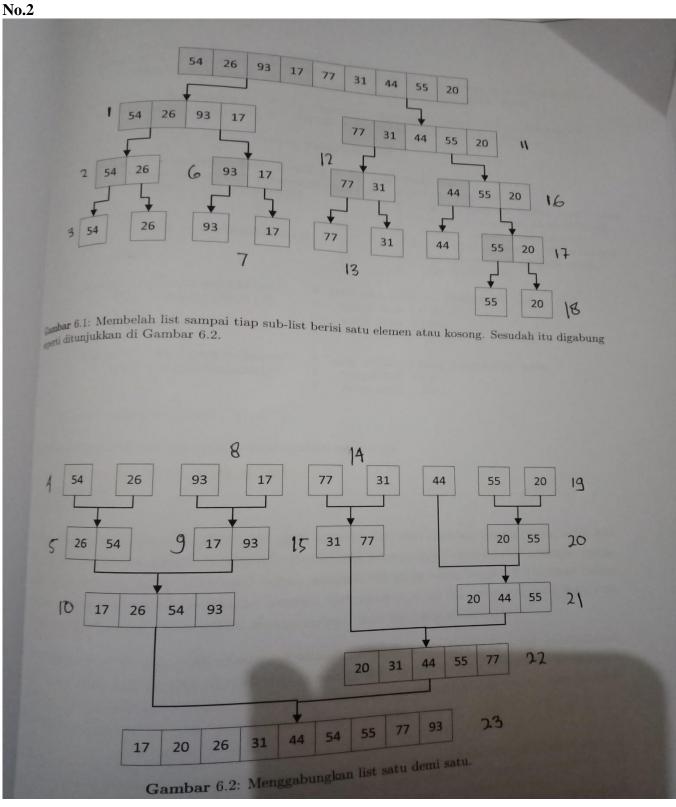
: Ilham Athur Bayu W Nama

:L200170023/ A NIM/Kelas

Modul ke :6



## No.4(A)

# MergeSort

I _[00 7 24	16 42 01	25 2 10	0.721
L=[80,7,24,	10.43.91	.33.2.1	9.721

$\mathbf{L}$	21,10,10,	1,55,2,17,	, <del>_</del>						
80	7	24	16	43	91	35	2	19	72

Proses	S 1									
7	80	26	24	43	91	2	35	19	72	

Proses	s 2		
7	1.0	24	00

7   16   24   80     2   35   43   91     19   7					-					-		
1/ 110 1/4 180 1 1/ 130 143 191 1 119 1/	7	1.6	24	00		2	25	12	0.1		10	72
	/	1.10	L 4-T	1 80			33	143	91		119	12

### Proses 3

2	7	16	24	35	43	80	91		19	72	
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### Proses 4

110000										
2	7	16	19	24	35	43	72	80	91	

## **No.4(B)**

## QuickSort

L=[80,7,	24,16,43,9	1,35,2,19,	72]						
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
	_	T	1		1	1		T	pivot
72	7	24	16	43	91	35	2	19	80
					Low				High
	_	1	1		pivot			T	
72	7	24	16	43	80	35	2	19	91
72	7	24	16	43	+	35	2	19	91 High
72	7	24	16	43	80	35		1	
					Low		j	pivot	High
72	7	24	16	43	80	35		1	

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	<b>.</b>	· ·	•	4		1	High		l
pivot 2	7	24	16	43	19	35	72	80	91
Low	,	21	10	13	17	High	72	00	71
						_			
	pivot	24	1.0	12	10	25	70	00	0.1
2	Low	24	16	43	19	35 High	72	80	91
	LUW					mgn			
	T	pivot	1 .	1		1 -	T		T
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	19	16	43	24	35	72	80	91
	1	Low	•	"	High	<b>-</b>			l
2	7	19	16	43	pivot 24	35	72	80	91
	/	19	10	Low	High	33	12	00	91
				20	111811				
				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
	1	Low	High	<u> </u>		1	<u> </u>		
					. ,				
2	7	16	19	24	pivot 43	35	72	80	91
4	,	10	17	4	Low	High	12	00	/ /1

pivot 43 High Low