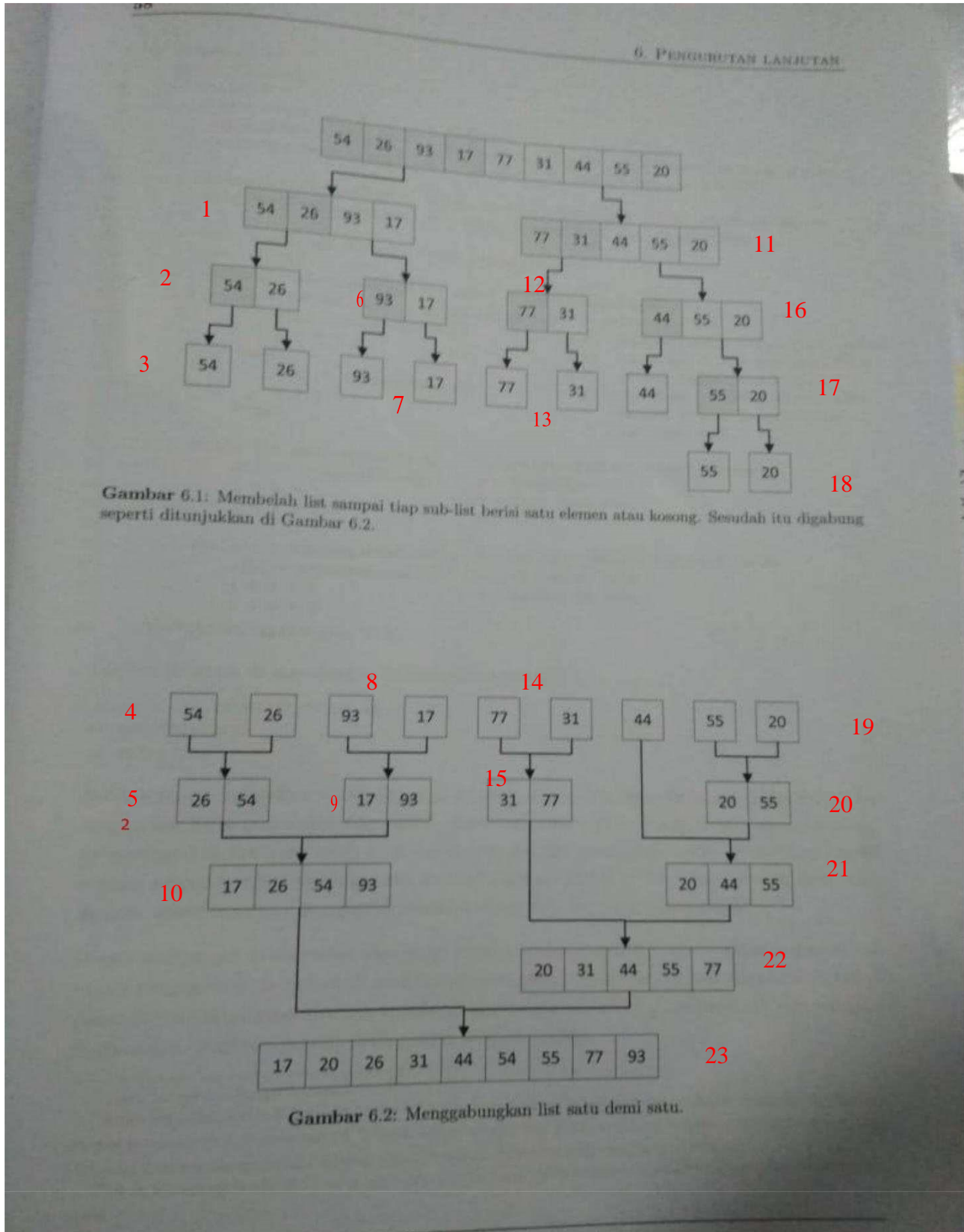


Nama : Sugiyo
NIM/Kelas : L200170001/ A
Modul : 6

No.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	16	24	80	2	35	43	91
19	72						

Proses 3

2	7	16	24	35	43	80	9	1
							19	72

Proses 4

2	7	16	19	24	35	43	72	80	91
---	---	----	----	----	----	----	----	----	----

No.4(B)

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

80	7	24	16		91	35	2	19	72
----	---	----	----	--	----	----	---	----	----

80	7	24	16		91	35	2	19	72
----	---	----	----	--	----	----	---	----	----

LowHigh pivot

72	7	24	16		91	35	2	19	80
----	---	----	----	--	----	----	---	----	----

LowHigh pivot

72	7	24	16		91	35	2	19	80
----	---	----	----	--	----	----	---	----	----

Low High

pivot

72	7	24	16		80	35	2	19	91
----	---	----	----	--	----	----	---	----	----

Low High

pivot

72	7	24	16		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

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	19	16		43	24	35	72	80	91
---	---	----	----	--	----	----	----	----	----	----

Low High
pivot

2	7	19	16		43	24	35	72	80	91
---	---	----	----	--	----	----	----	----	----	----

Low					High				
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
---	---	----	----	----	----	----	----	----	----