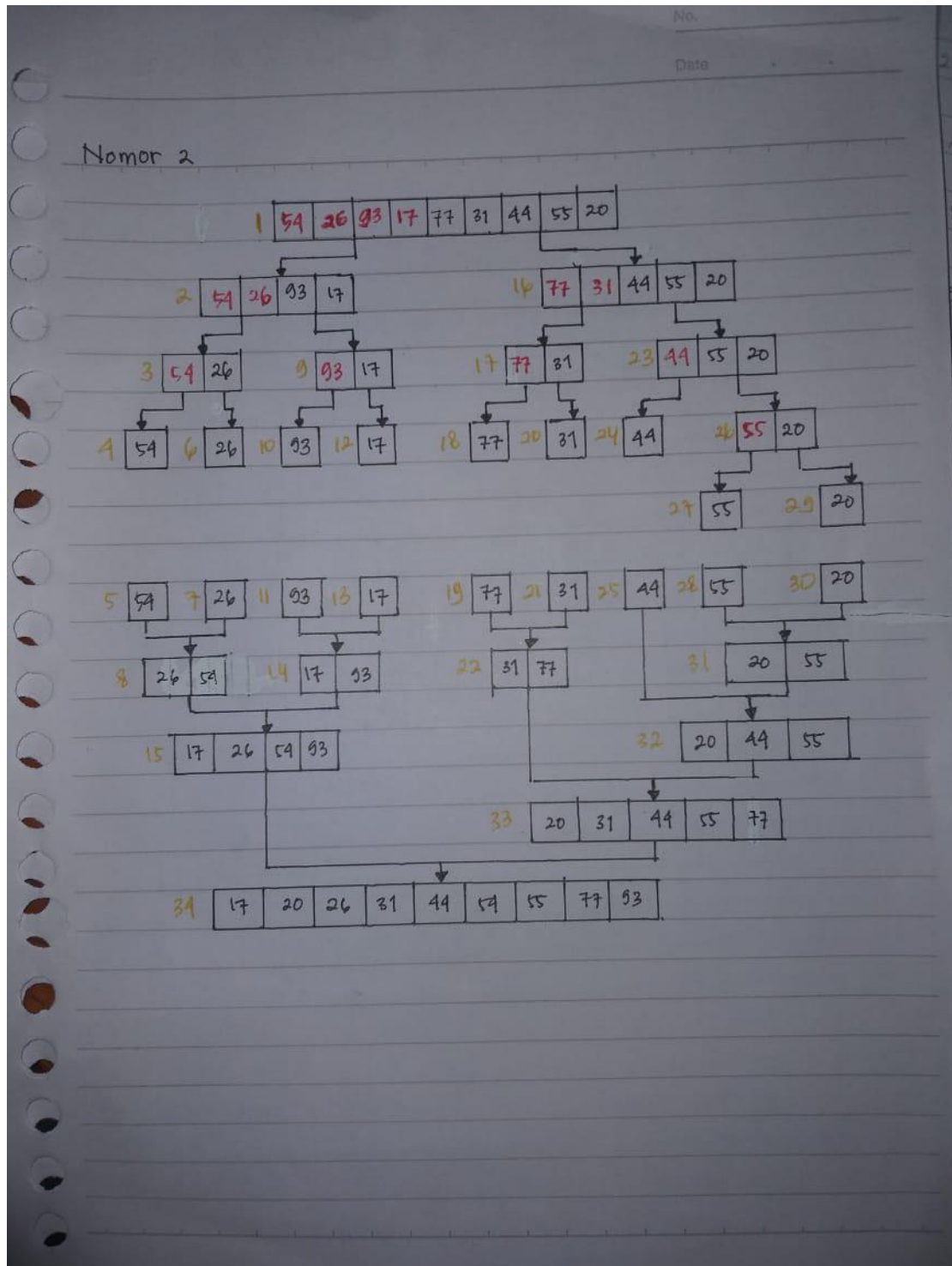


Nama : Dessy Nur Azizah  
Nim : L200170016  
Kelas : A

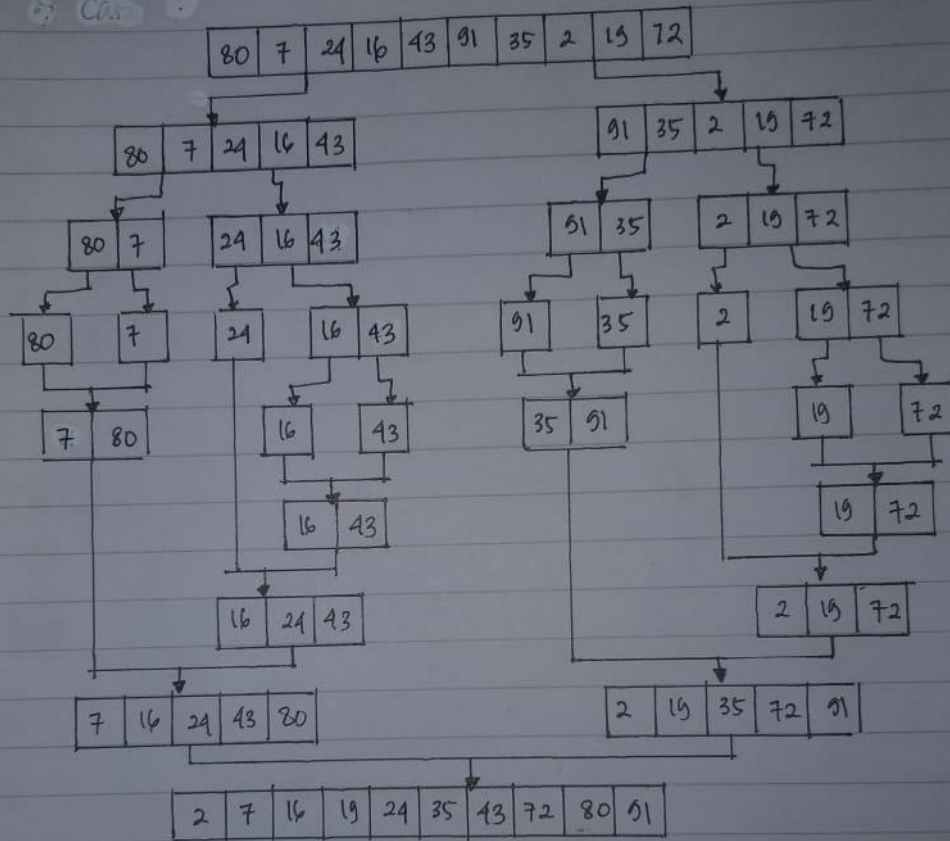
Nomor 2



Nomor 4

a. Merge sort

Car



# Nomer 4b

## Quick sort

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

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

pivot

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

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

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

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

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

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

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

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