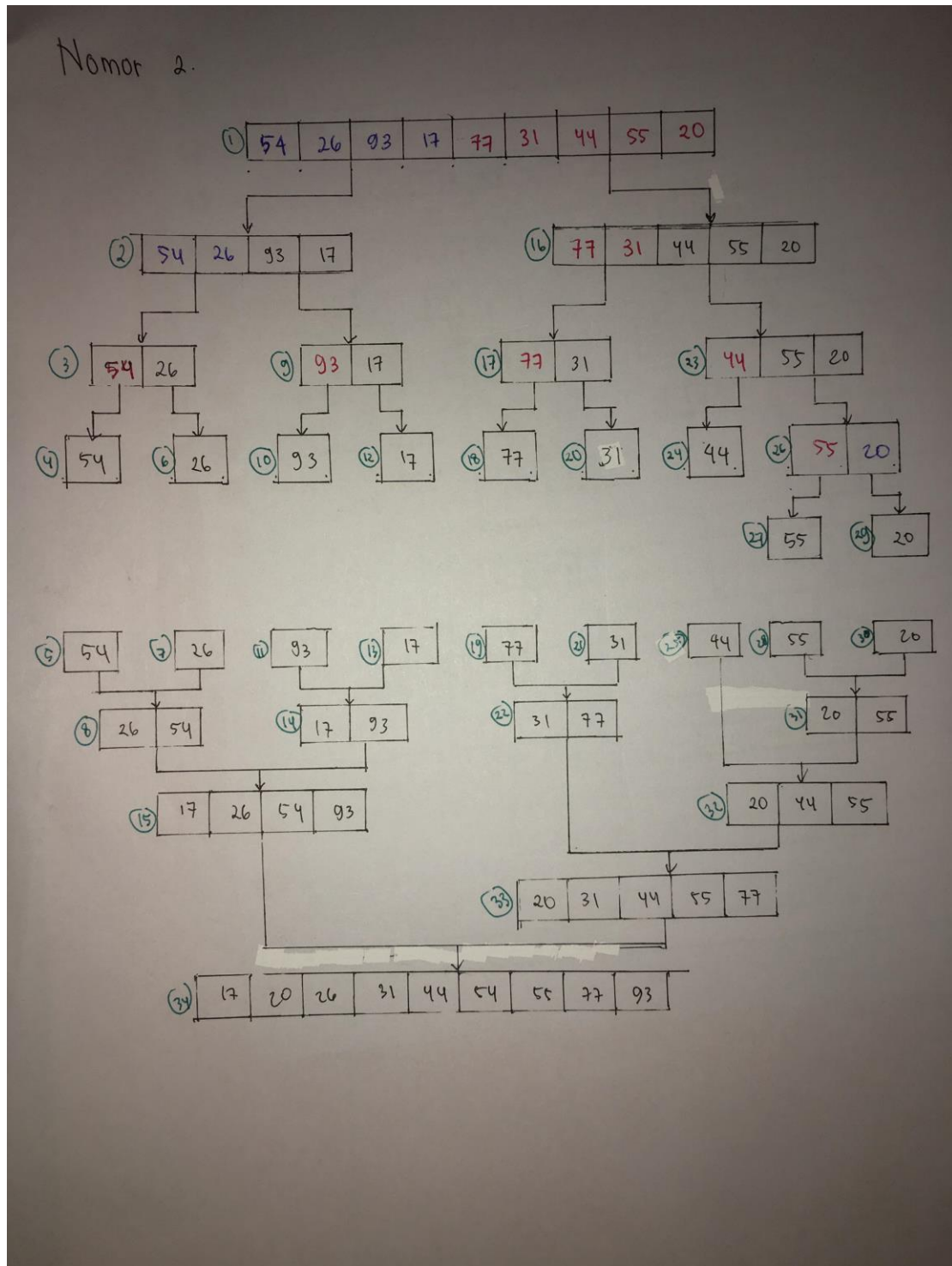


Hesti Putri Utami

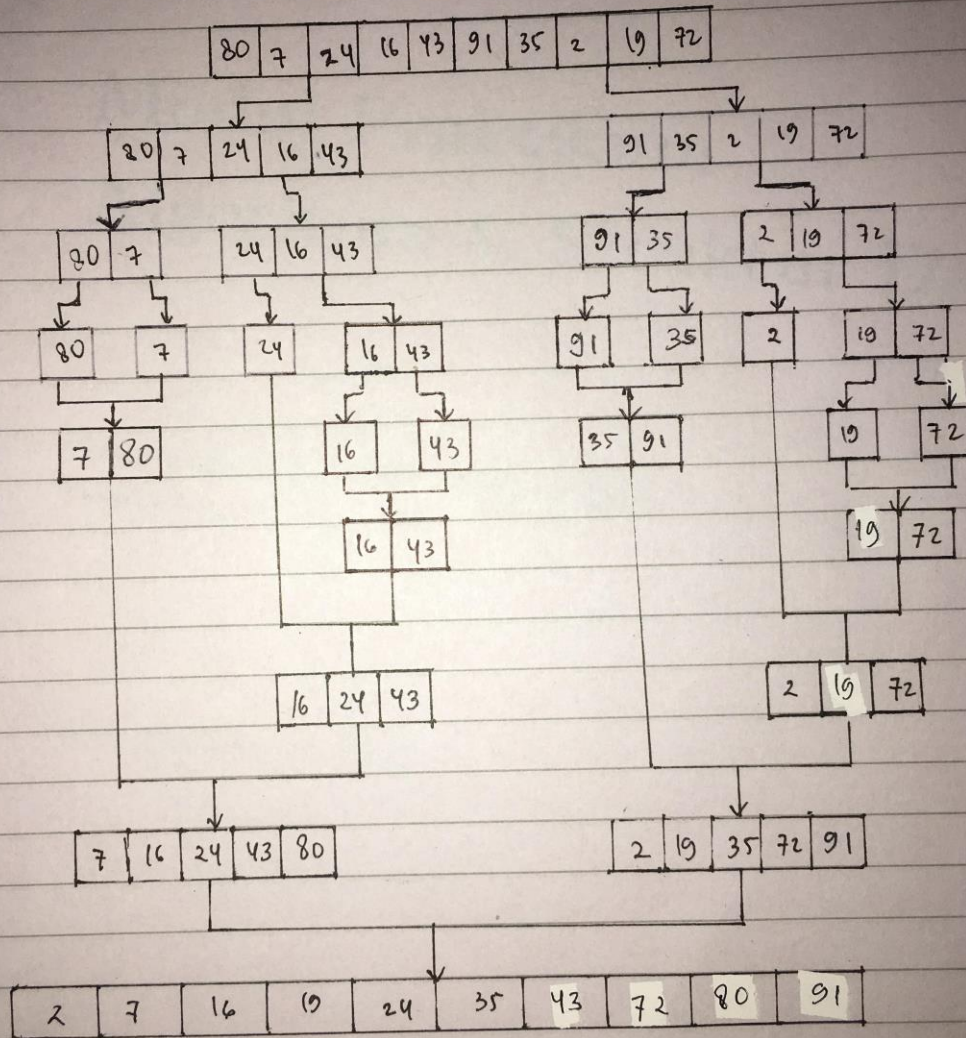
L200170009

Kelas A



Nomor 4

a. Merge Sort.



Nomer 4

b. 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	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	35	43	72	80	91
---	---	----	----	----	----	----	----	----	----

Low High

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