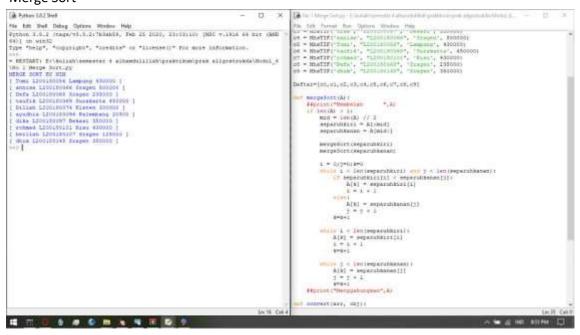
Nama: Defa Raffy Z.R NIM: L200180068

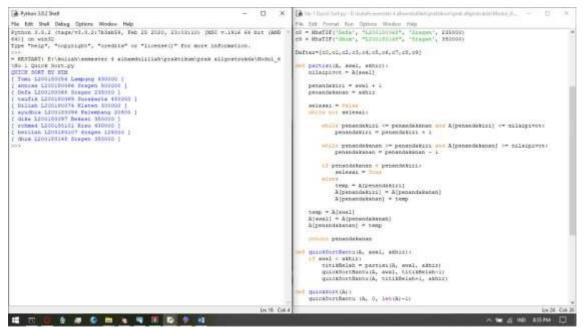
Kelas: C

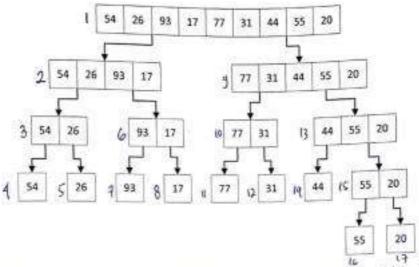
## **TUGAS PRAKTIKUM ALGORITMA MODUL 6**

# No 1 Merge Sort

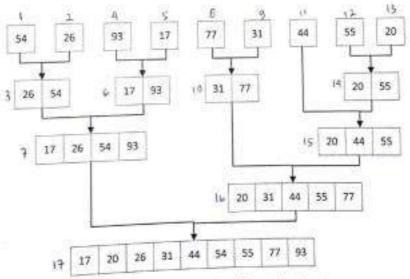


## **Quick Sort**

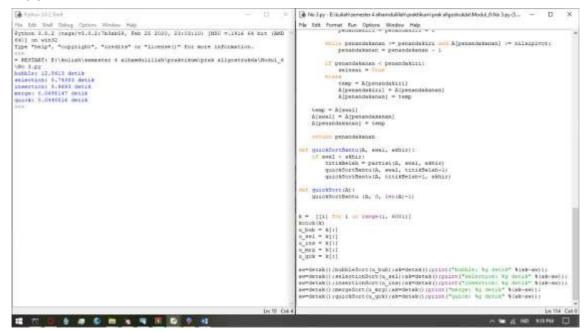




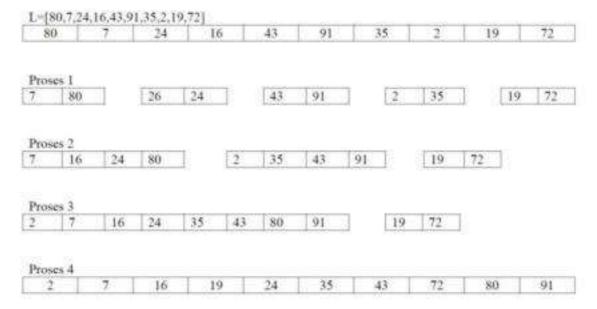
Gambar 6.1: Membelah list sampai tiap sub-list berisi satu elemen atau kosong. Sesudah liu digabang seperti ditunjukkan di Gambar 6.2.



Gambar 6.2: Menggabungkan list satu demi satu.



# No 4 Merge Sort:

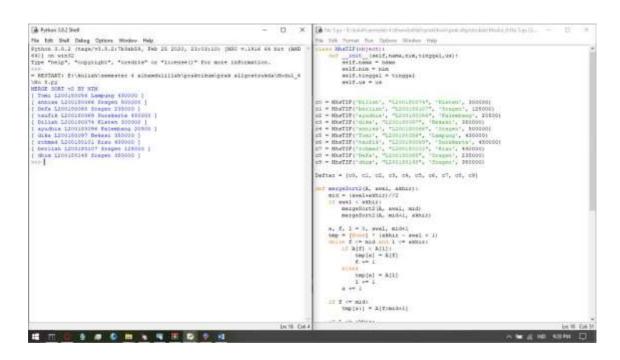


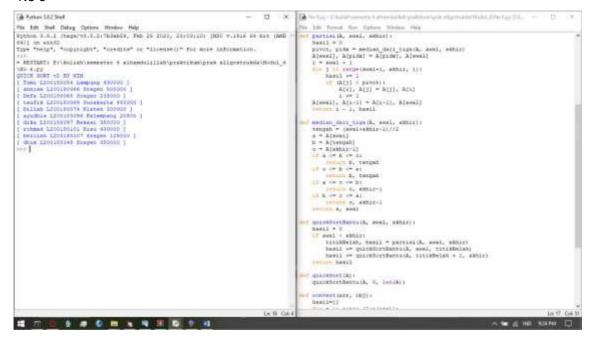
# Quick Sort

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pivot									
80	7	24	16	43	91	35	2	19	72
Low	i.							**	High
									pivot
72	7	24	16	43	91	35	2	19	80
Low	0	1.0							High
72	7	24	16	43	91	35	2	10	pivot
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		1 222			pivot	1		1	1 220
72	7	24	16	43	80	35	2	19	91
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72	7	24	16	43	19	35	2	80	91
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pivot									
72	7	24	16	43	19	35	2	80	91
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Low 2	pivot 7 Low	pivot 24 Low pivot 24	16	43	19	High  35 High	72	80	91
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Low 2	pîvot 7 Low	pivot 24 Low pivot 24	16	43	19 19 High	High  35 High  35 High	72	80	91
2 2	pîvot 7 Low	pivot 24 Low pivot 24	16	43	19	High  35 High  35 High	72	80	91

.

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





## No 7

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