Nama : Wahyu Setyaji Rama Dwijaya

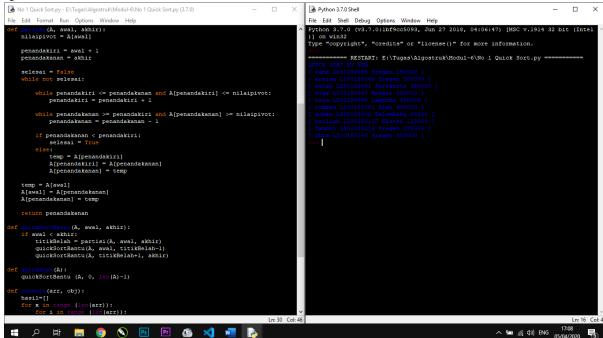
NIM : L200180065

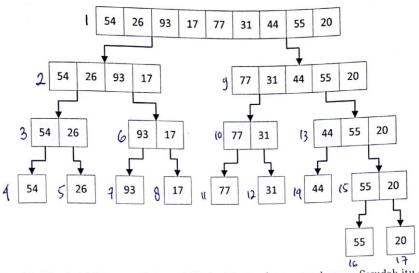
Kelas : C

## **TUGAS MODUL 6**

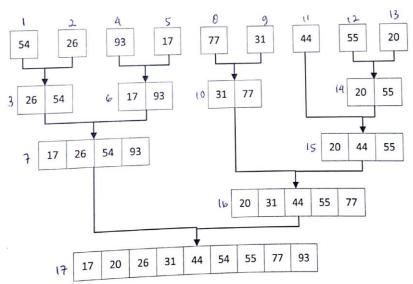
## No 1 Merge Sort

## **Quick Sort**

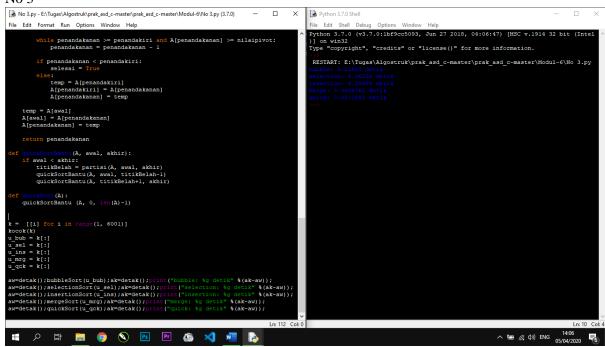




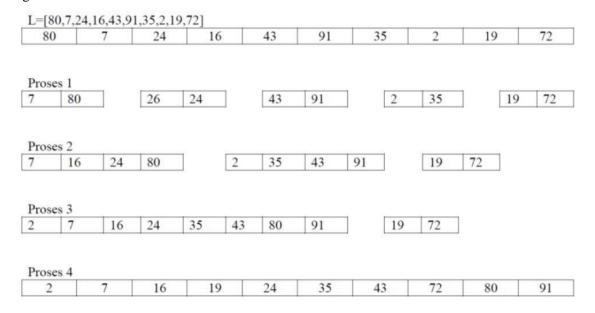
Gambar 6.1: Membelah list sampai tiap sub-list berisi satu elemen atau kosong. Sesudah itu digabung seperti ditunjukkan di Gambar 6.2.



Gambar 6.2: Menggabungkan list satu demi satu.



No 4 Merge Sort:

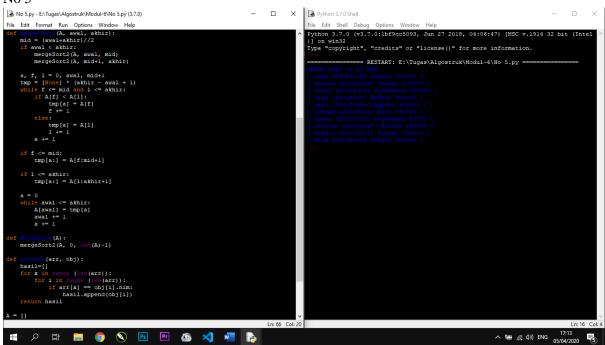


# Quick Sort

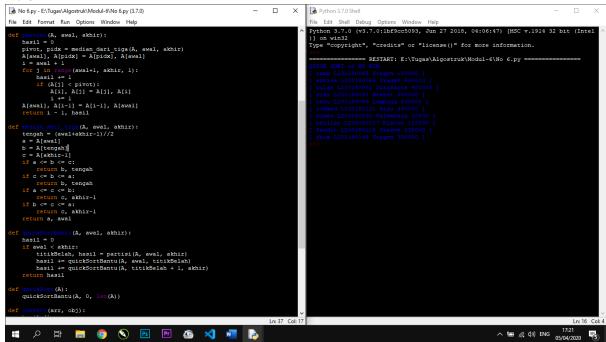
Low H	19 77  High  pive  19 86  High  Pive  19 86  High  Pive  19 9 High  High  19 9 High  19 9 High  19 9 High
R0	High  pive 19 86  High  pive 19 86  High  High  tot 80 91  High
80   7   24   16   43   91   35   2	High  pive 19 86  High  pive 19 86  High  High  tot 80 91  High
R0	High  pive 19 86  High  pive 19 86  High  High  tot 80 91  High
Tow   Tow	High  pive 19 86  High  pive 19 86  High  High  tot 80 91  High
Tow   Tow	19 86 High  19 86 High  19 86 Hig  19 9 Hig  14 80 91 High
Tow   Tow	19 80 91 High
Tow   Tow	High pive 19 86 Hig  19 9 Hig  tt 80 91 High
72         7         24         16         43         91         35         2           Low           pivot           72         7         24         16         43         80         35         2           Low         Low         H           pivot         H         Description         H           72         7         24         16         43         19         35         2           Low         H         H         H         H         H         H	19 80 Hig  19 9 Hig  tt 80 91 High
Low	19 80 High
Low	High High
pivot           pivot           pivo           Tempivot           T2         7         24         16         43         19         35         2           Low         H           pivot           72         7         24         16         43         19         35         2           Low         High	19 9 Hig ot 80 91 High
72         7         24         16         43         80         35         2           Low           72         7         24         16         43         19         35         2           Low         H           pivot           72         7         24         16         43         19         35         2           Low         High	Hig ot 80 91 High
72         7         24         16         43         80         35         2           Low         pivo           72         7         24         16         43         19         35         2           Low         H           pivot           72         7         24         16         43         19         35         2           Low         High	Hig ot 80 91 High
Low   pivo	Hig ot 80 91 High
72         7         24         16         43         19         35         2           Low         H           pivot           72         7         24         16         43         19         35         2           Low         High	80 91 High
72         7         24         16         43         19         35         2           Low         Low         H	80 91 High
72         7         24         16         43         19         35         2           Low         Low         H	80 91 High
Low   H	High
pivot  72	
72 7 24 16 43 19 35 2 Low High	80 91
72 7 24 16 43 19 35 2 Low High	80 91
Low High	80 91
pivot	
pivot	
	80 91
Low High	80 91
20.1	
pivot	
2 7 24 16 43 19 35 72	80 91
Low High	
pivot 2 7 24 16 43 19 35 72	90 01
2 7 24 16 43 19 35 72 Low High	80 91
Low	
pivot	
	80 91
Low High	
pivot	00 5
	80 91
Low High	
pivot	
	80 91
	80   91

					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	10	24	25	42	72	90	01	
2	7	16	19	24	35	43	72	80	91	

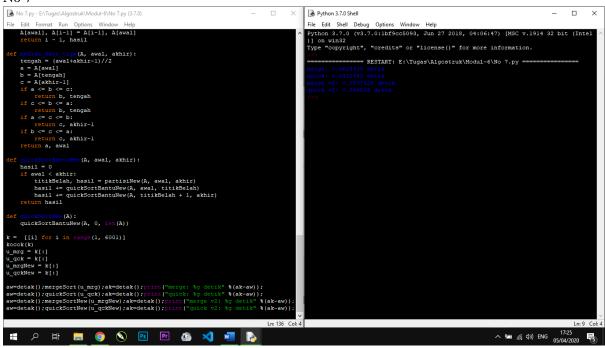
### No 5



## No 6



#### No 7



#### No 8

