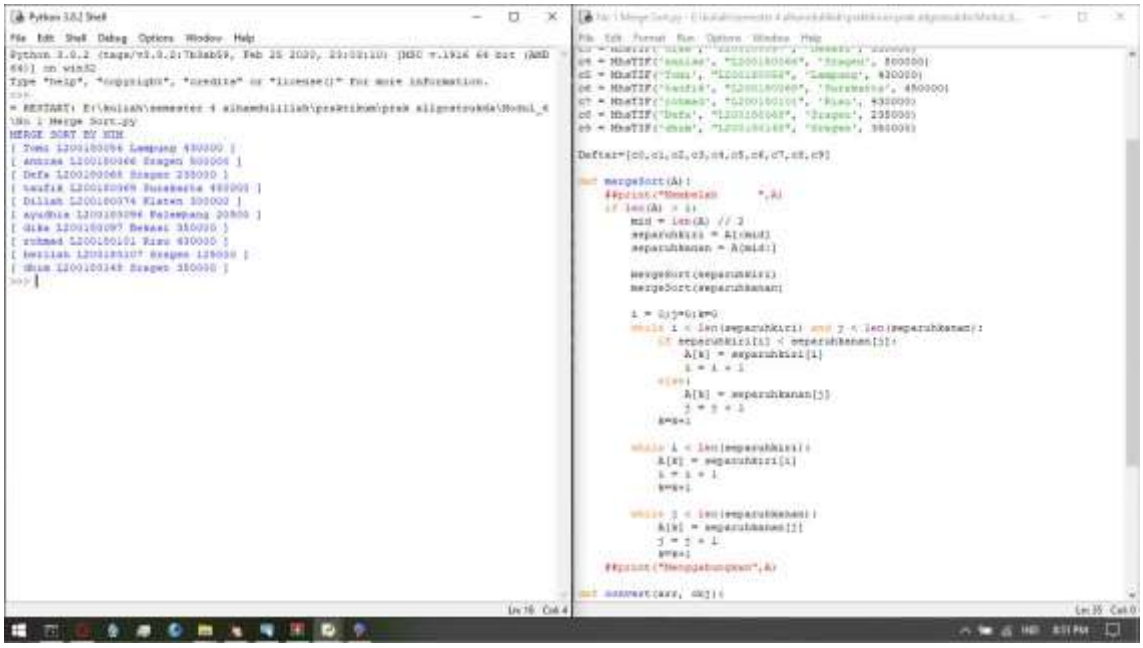
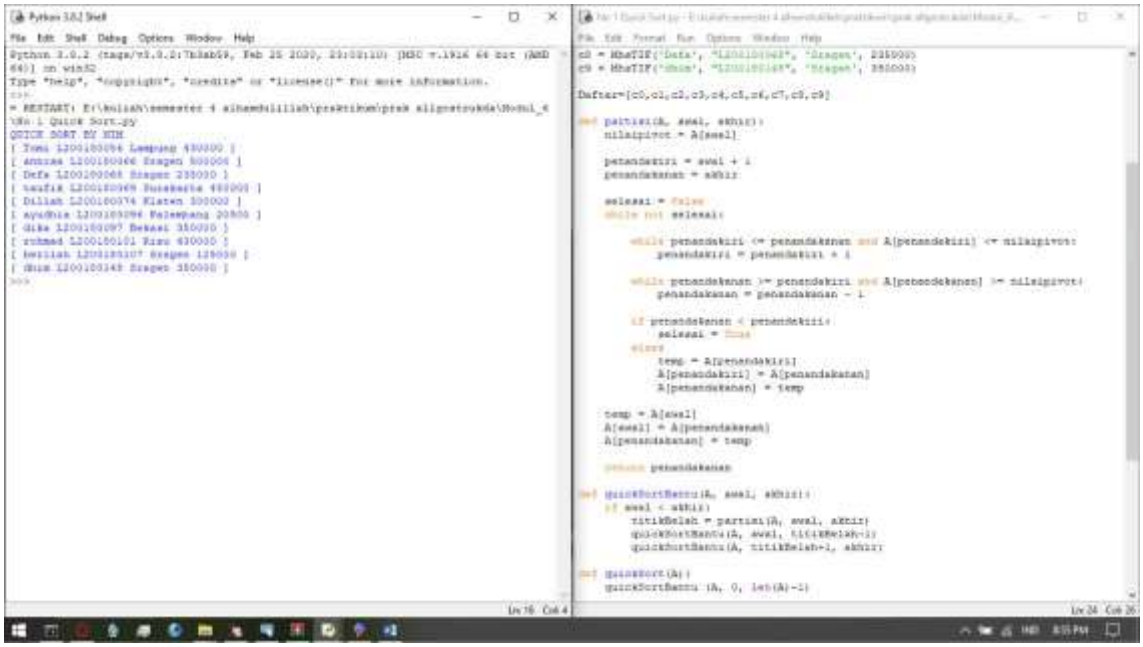
Nama : Defa Raffy Z.R
NIM : L200180068
Kelas : C

TUGAS PRAKTIKUM ALGORITMA MODUL 6

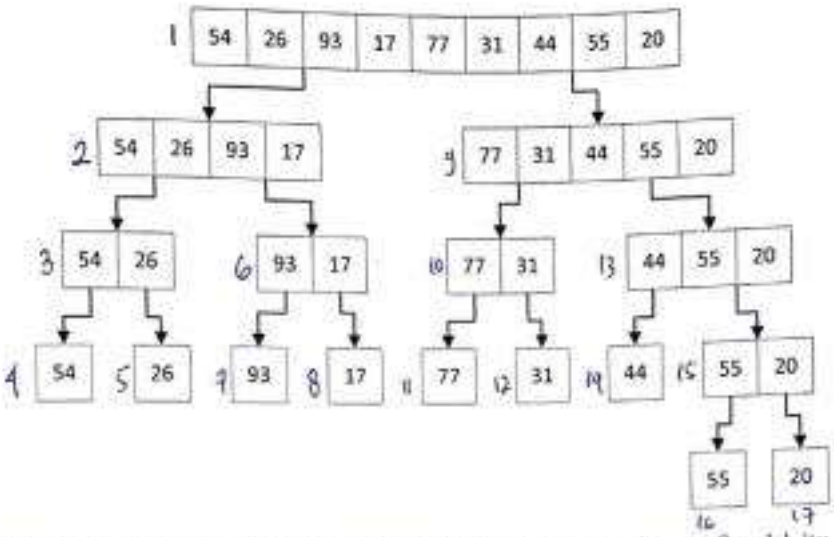
No 1
Merge Sort



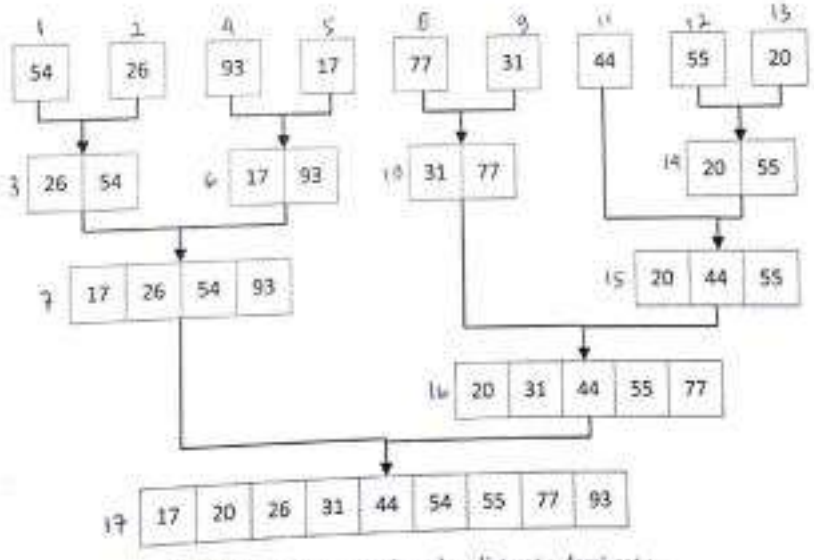
Quick Sort



No 2

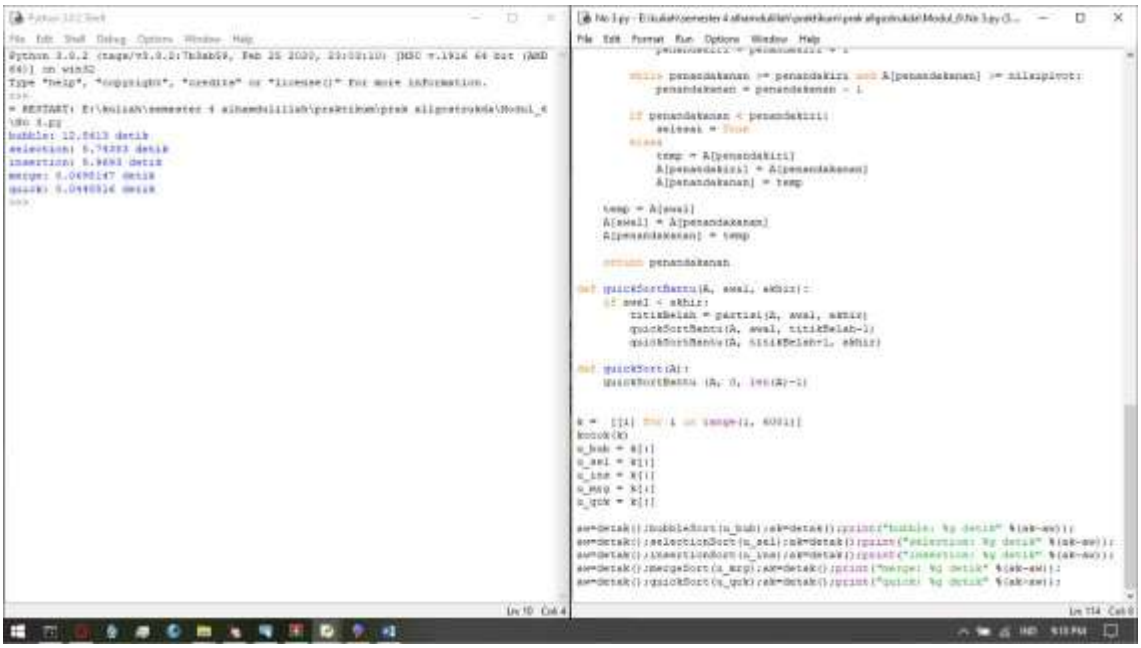


Gambar 6.1: Membelah list sampai tiap sub-list berisi satu elemen atau kosong. Sesudah itu digabung seperti ditunjukkan di Gambar 6.2.



Gambar 6.2: Menggabungkan list satu demi satu.

No 3



No 4

Merge Sort:

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

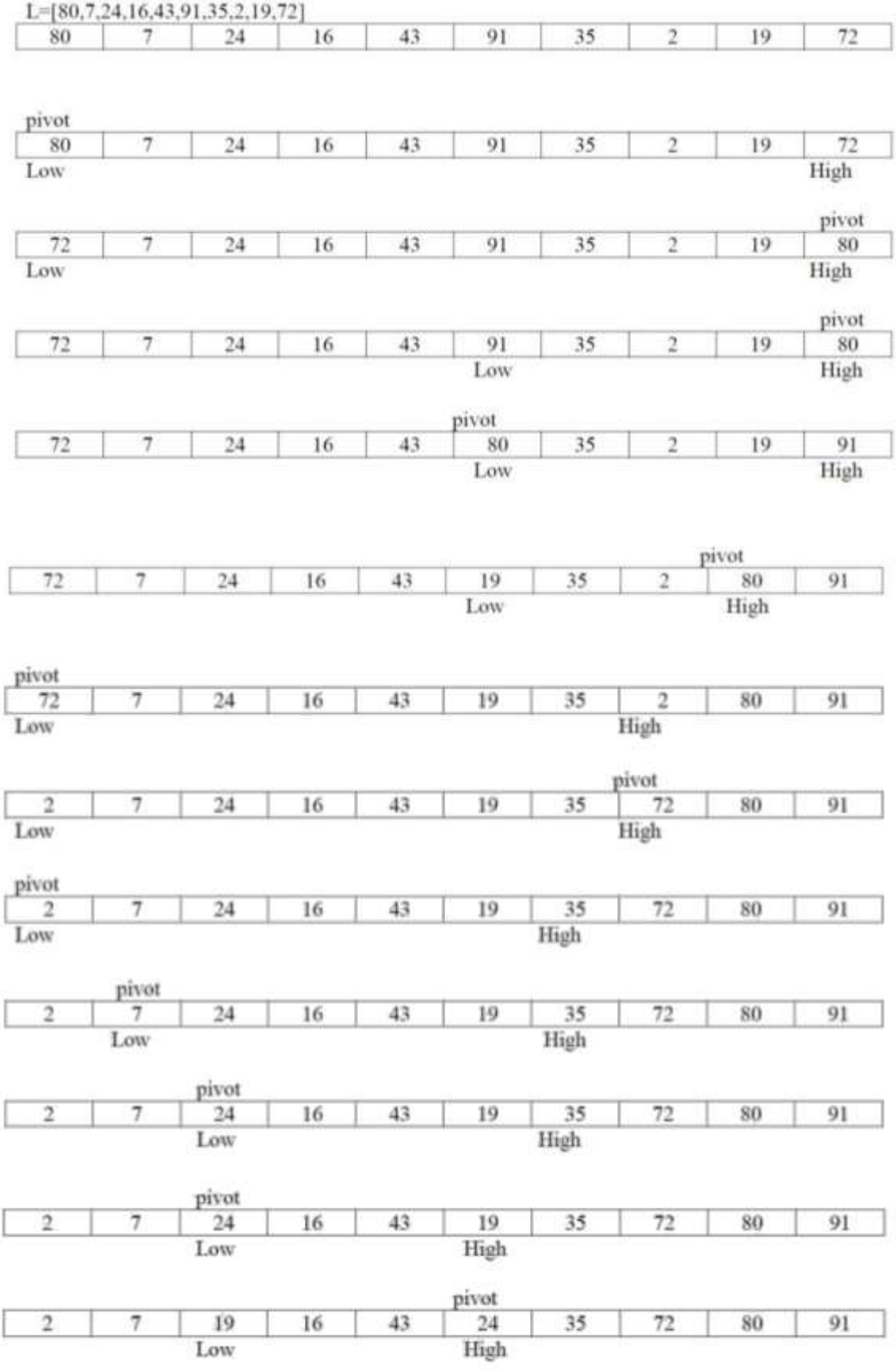
2	7	16	24	35	43	80	91	19	72

Proses 4

2	7	16	19	24	35	43	72	80	91

Quick Sort

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



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

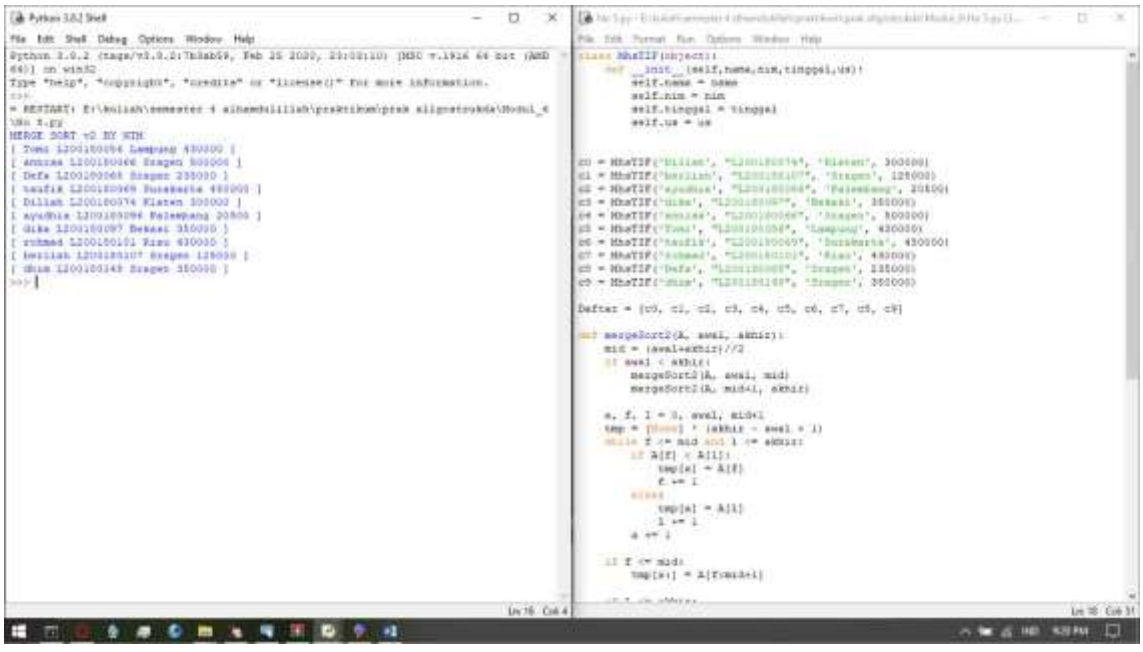
2	7	19	16	24	43	35	72	80	91
		Low	High						

pivot

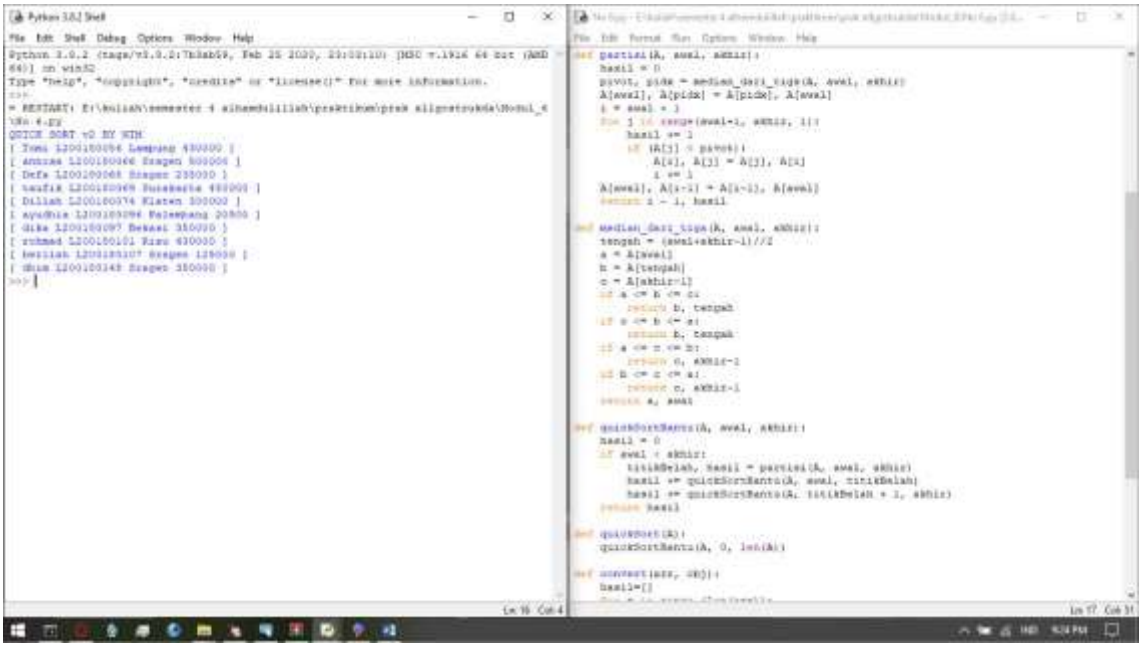
2	7	16	19	24	35	43	72	80	91
					Low	High			

2	7	16	19	24	35	43	72	80	91

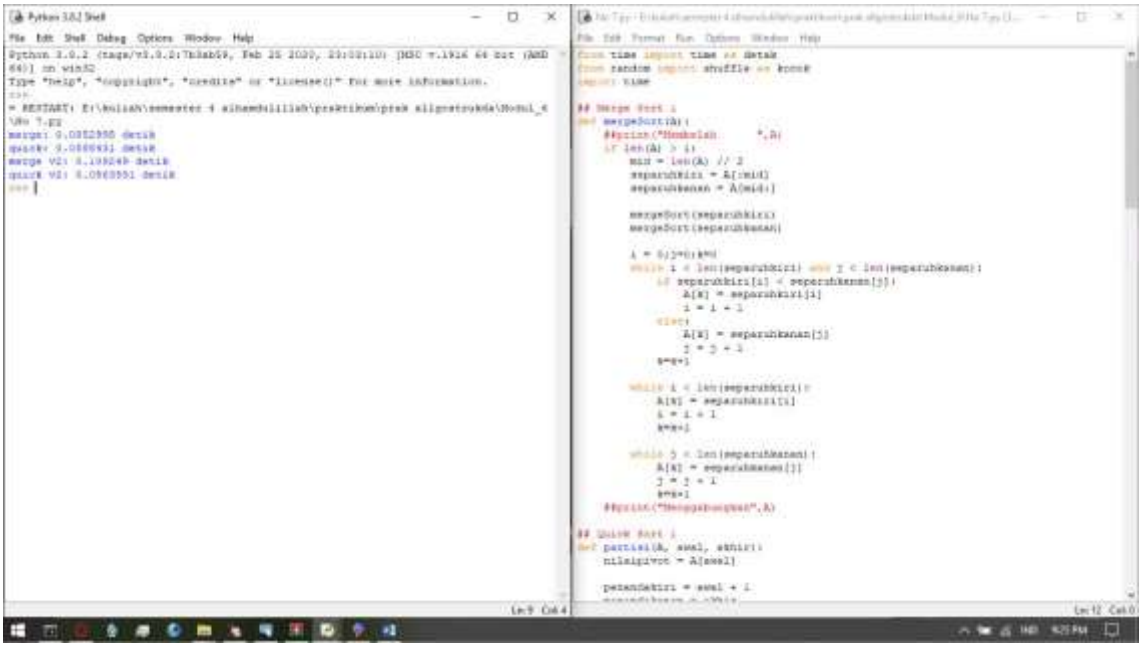
No 5



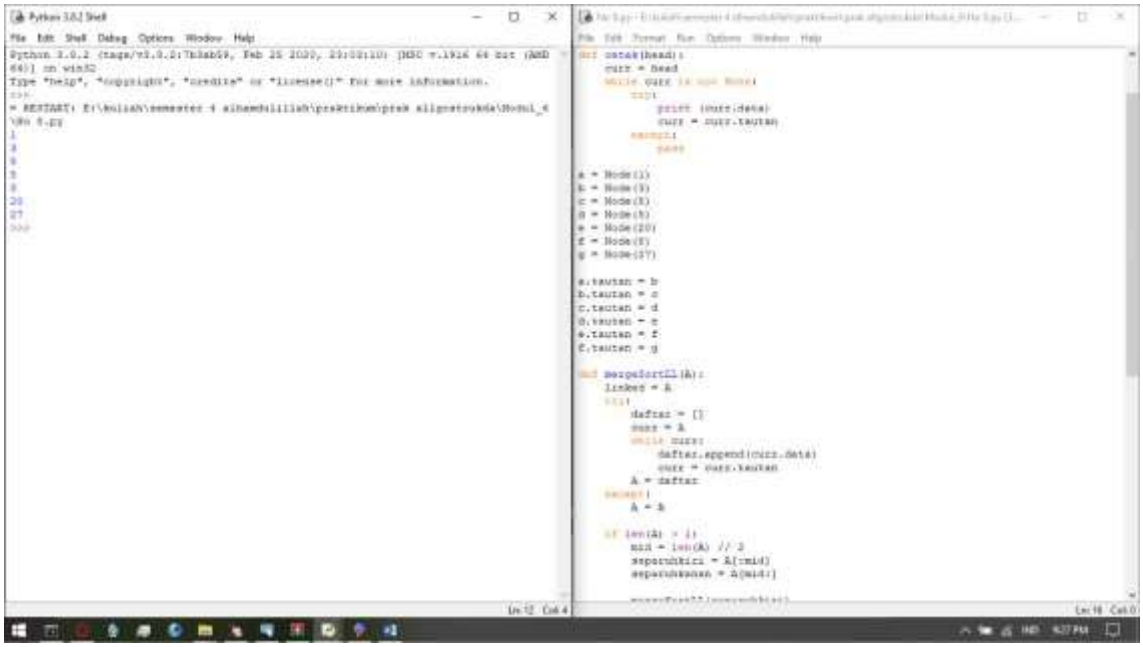
No 6



No 7



No 8


Python 3.8.2 Shell
File Edit Shell Debug Options Window Help
Python 3.8.2 (tags/v3.8.2:7b3ab59, Feb 25 2020, 23:03:10) [MSC v.1916 64 bit (AMD 64)] on win32
Type "help", "copyright", "credits" or "license()" for more information.
>>>
= RESTART: E:\kuliah\semester 4 alhamdulillah\praktikum\prak algoritma\kda\Modul_4\No 8.py
1
3
6
5
8
20
17
>>>