PRAKTIKUM ALGORITMA DAN STRUKTUR DATA (Algorithm and Data Structure)

LAPORAN TUGAS MODUL 10



Nama : Shafa Bani Saputra

NIM : L200190151

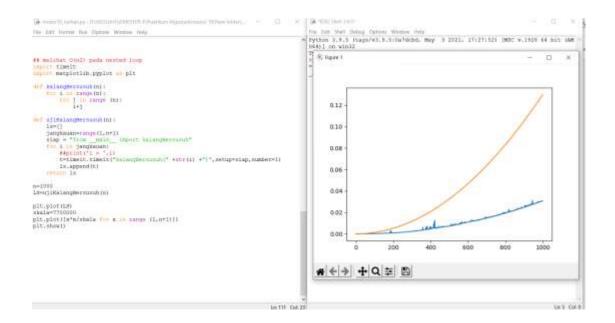
Kelas : G

PROGRAM STUDI INFORMATIKA
FAKULTAS KOMUNIKASI DAN INFORMATIKA
UNIVERSITAS MUHAMMADIYAH
SURAKARTA

Latihan

```
| A TOS Seed Design (Notes the part of the
```

```
| A constitution of the co
```



Tugas

1. Time it

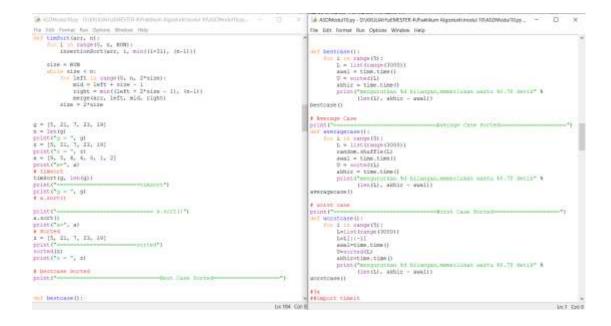
```
| A CAS Seed 1885 | The State Seed Coding Window State Seed Coding Cytons Window State Seed Coding Cytons Window State Seed Coding Cytons Seed Cytons Seed Coding Cyt
```

3 Kasus

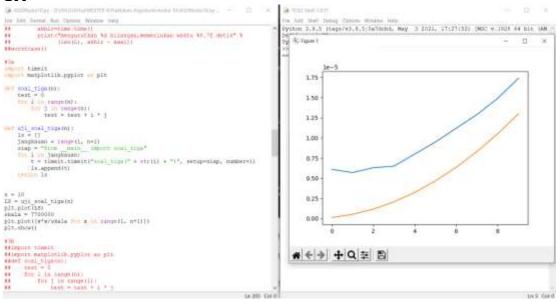
```
| A (Delination Delination of the Company of the Co
```

2.

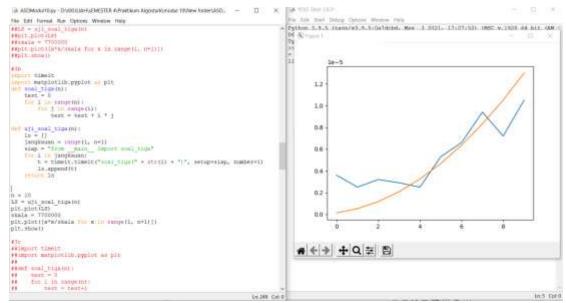
```
| A COLUMN COLUM
```



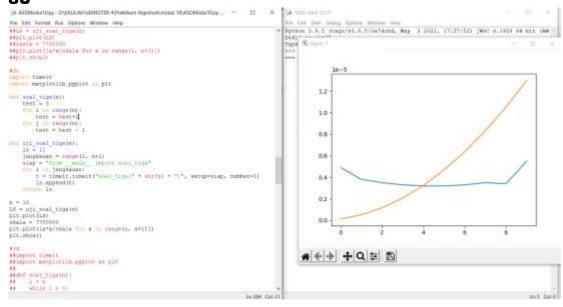
3A



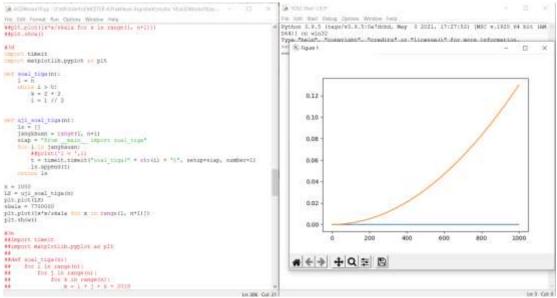
3B



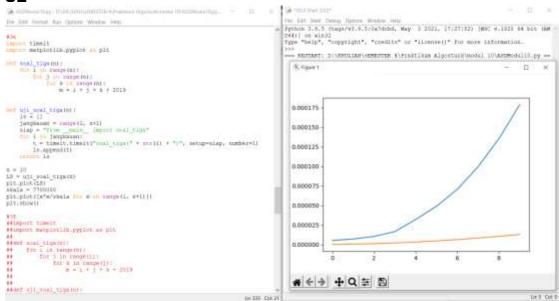
3C



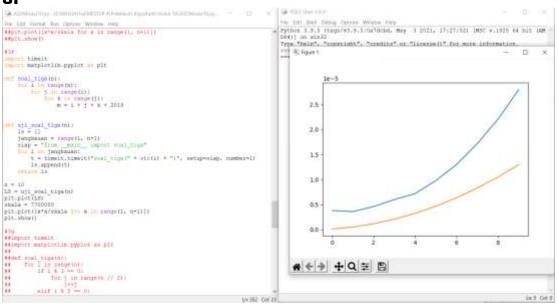
3D



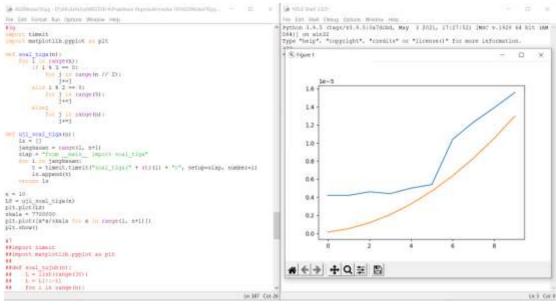




3F







4

Urutkan dari yang pertumbuhan kompleksitasnya lambat ke yang cepat n log2 n 4_n 10 log2 n $5n_2\log 4n$ $12n_6$ 2 $\log 2$ n n_3 !

5

```
Tentukan O(.) dari fungsi-fungsi berikutini. a) T(n) = n_2 + 32n + 8 \bigcirc O(n_2) b) T(n) = 87n + 8n \bigcirc O(n) c) T(n) = 4n + 5n \log n + 102 <math>\bigcirc O(n) d) T(n) = \log n + 3n_2 + 88 <math>\bigcirc O(n_2) e) T(n) = 3(2n) + n_2 + 647 <math>\bigcirc O(n_2) f) T(n,k) = kn + \log(k) \bigcirc O(k_n) g) T(n,k) = 8n + k \log n + 800 <math>\bigcirc O(n_1) h) T(n,k) = 100kn + n \bigcirc O(n_k)
```

Carilah di internet kompleksitas metode - metode object list di python.

- ☐ Google python list methods complexity
- ☐ Kunjungi https://wiki.python.org/moin/TimeComplexity

