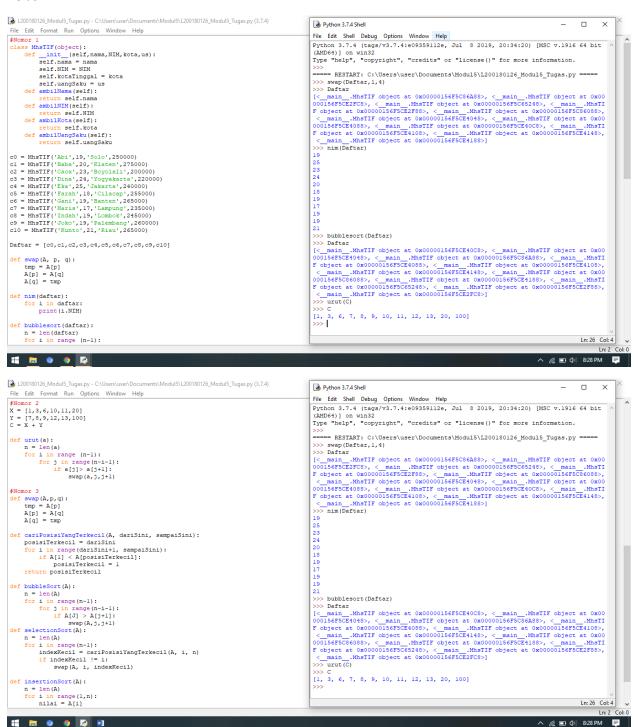
Modul 5

Nama : Damar Fatika Sari

NIM : L200180126

Kelas: E



```
L200180126_Modul5_Tugas.py - C:\Users\user\Documents\Modul5\L200180126_Modul5_Tugas.py (3.7.4)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Python 3.7.4 Shell
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       ×
   File Edit Format Run Options Window Help
                    File Edit Shell Debug Options Window Help

Python 3.7.4 (tagg/v3.7.4:e09359112e, Jul 8 2019, 20:34:20) [MSC v.1916 64 bit
(AMD64)] on win32

Type "help", "copyright", "credits" or "license()" for more information.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        >> ==== RESTART: C:\Users\user\Documents\Modul5\L200180126_Modul5_Tugas.py =====
 #Nomor 3

def swap(A,p,q):

    tmp = A[p]

    A[p] = A[q]

    A[q] = tmp
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 >>> swap (Daftar, 1, 4)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             >>> smap(Daftar,1,4)
>>> Daftar
[< main _.MhsTIF object at 0x00000156F5C86A88>, < main _.MhsTIF object at 0x00
000156F5CE2FC8>, < main _.MhsTIF object at 0x00000156F5C65248>, < main _.MhsTIF object at 0x00000156F5C65248>, < main _.MhsTIF object at 0x00000156F5C62F68>, < main _.MhsTIF object at 0x00000156F5C626688>, < main _.MhsTIF object at 0x00000156F5C6408>, < main _.MhsTIF object at 0x00000156F5C6408>, < main _.MhsTIF object at 0x00000156F5C6408>, < main _.MhsTIF object at 0x00000156F5C64188>, < main _.MhsTIF object at 0x0000015
     def cariPosisiYangTerkecil(A, dariSini, sampaiSini):
   posisiTerkecil = dariSini
   for i in range(dariSini+1, sampaiSini):
        if A[1] < A[posisiTerkecil]:
            posisiTerkecil = 1</pre>
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      nim(Daftar)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          >>> nim(Daftar)
19
25
23
24
20
18
19
17
19
21
>>> bubblesort(Daftar)
>>> Daftar
[< main_.MhsTIF object at 0x00000156F5CE40C8>, < main_.MhsTIF object at 0x00
000156F5CE40d8>, < main_.MhsTIF object at 0x00000156F5CE40C8>, < main_.MhsTIF object at 0x00000156F5CE4108>, < main_.MhsTIF object at 0x00000
                             return posisiTerkecil
     def bubbleSort(A):
   selectionSort(A):
n = len(A)
for i in range(n-1):
   indexKecil = cariFosisiYangTerkecil(A, i, n)
   if indexKecil! = i:
     swap(A, i, indexKecil)
 def insertionSort(A):
    n = len(A)
    for i in range(l,n):
        nilai = A[i]
        pos = i
        while pos > 0 and nilai <A[pos-1]:
        A[pos] = A[pos-1]
        pos = pos-1
        A[pos] = nilai</pre>
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Ln: 26 Col: 4
!! • • • •
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              ^ 🦟 🗈 Ф)) 8:29 РМ 📮
```