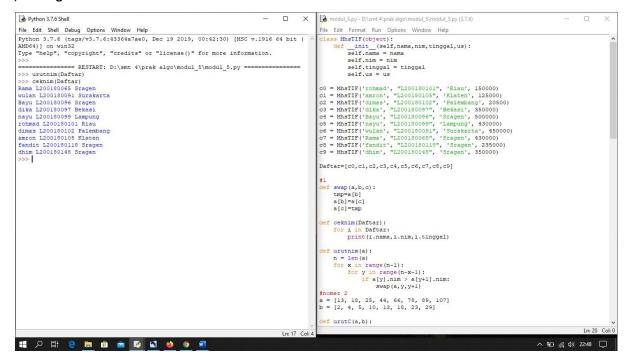
Nama : Chandika Aulia NIM : L200180097

Kelas : D

## Modul 5

## 1). Mengurutkan dafatr MhsTIF berdasarkan NIM



## 2). penggabungan array a dan b menjadi aray c dan urutkan

```
Python 3.7.6 Shell
                                                                                                                                                                          modul_5.py - D:\smt 4\prak algo\modul_5\modul_5.py (3.7.6)
                                                                                                                                                                                                                                                                                                                             X
  File Edit Shell Debug Options Window Help
Python 3.7.6 (tags/v3.7.6:43364a7ae0, Dec 19 2019, 00:42:30) [MSC v.1916 64 bit (
AMD64)] on win32
Type "help", "copyright", "credits" or "license()" for more information.
                                                                                                                                                                          File Edit Format Run Options Window Help
                                                                                                                                                                          #nomer 2
a = [13, 18, 25, 44, 66, 78, 89, 107]
b = [2, 4, 5, 10, 13, 18, 23, 29]
                               = RESTART: D:\smt 4\prak algo\modul 5\modul 5.py =
                                                                                                                                                                          #versil
  #versil
de urutC(a,b):
    c = a +b
    for i in range(1,len(c)):
    nilai = c[i]
    pos = i
    while pos >0 and nilai<c[pos - 1]:
        c(pos]=c[pos-1]
        pos --1
    c(pos)=nilai
    print(c)</pre>
                                                                                                                                                                          #versi2
                                                                                                                                                                              pan2 - accord
pan2 - accord
y=0
c = []
while x< pan1 and y<pan2:
    if a[x]<b[y]:
        c.append(a[x])
        x+=1
    else:
        c.append(b[y])
    y+=1
while x<pan1:
    c.append(a[x])
    x+=1
while y<pan2:
    c.append(b[y])
    y+=1
c.append(b[y])</pre>
                                                                                                                                                     Ln: 11 Col: 4
^ 1□ (€ (J)) 22:51
```

## 3).membandingkan lebih cepat mana buble, selection atau insertion

