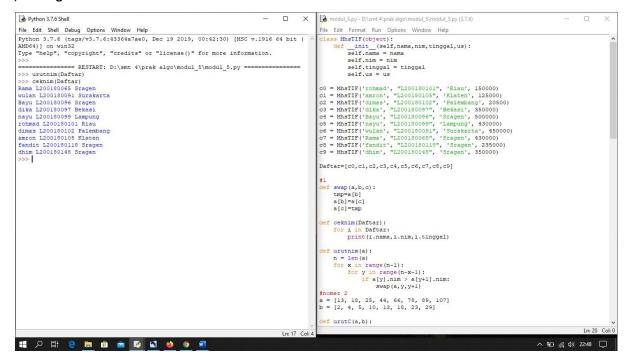
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Kelas : D

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
def urutc(a,b):
    panl=len(a)
    pan2 = len(b)
    x= 0
                                                                                                                                                                                    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

