Nama: MuchFatan Rahmadan

NIM : L200180061

Kelas : C

Modul 4

Latihan 2

```
Python 3.7.2 Shell
                                                                                                                                                                                               *Latihan_modul_4.py - C:\Users\Mr_Darkness\Desktop\Latihan_modul_4.py (3.7.2)*
 File Edit Shell Debug Options Window Help
                                                                                                                                                                                                 File Edit Format Run Options Window Help
 Python 3.7.2 (tags/v3.7.2:9a3ffc0492, Dec 23 2018, 22:20:52) [MSC v.1916 32 bit ( Intel)] on win32
Type "help", "copyright", "credits" or "license()" for more information.
                                                                                                                                                                                                 ##Iatinan 2

def cariLurus (wadah, target):
    n = len(wadah)
    for i in range (n):
        if wadah(i) == target:
            return True
    return False
   RESTART: C:/Users/Mr_Darkness/AppData/Local/Programs/Python/Python37-32/Modul 4
 Latihan.py

>>> A = [10, 51, 2, 18, 4, 31, 13, 5, 23, 64, 29]

>>> cariLurus(A,31)
     >> cariLurus(A.8)
                                                                                                                                                                                               ##Latihan 3

c0 = mdl2.MhsTIF('Ika' , 10 , 'Sukoharjo' , 24000)

c1 = mdl2.MhsTIF('Budi' , 51 , 'Sragen' , 230000)

c2 = mdl2.MhsTIF('Budi' , 51 , 'Sragen' , 230000)

c3 = mdl2.MhsTIF('Chandra' , 18 , 'Surakarta' , 250000)

c4 = mdl2.MhsTIF('Chandra' , 18 , 'Surakarta' , 240000)

c5 = mdl2.MhsTIF('Eka' , 4 , 'Boyolali' , 240000)

c6 = mdl2.MhsTIF('Beni' , 31 , 'Klaten' , 245000)

c7 = mdl2.MhsTIF('Deni' , 13 , 'Klaten' , 245000)

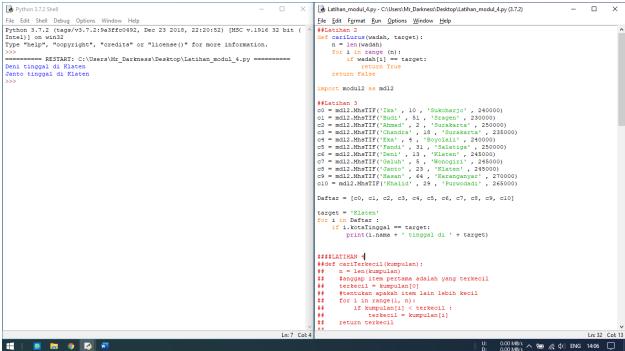
c8 = mdl2.MhsTIF('Janto' , 23 , 'Klaten' , 245000)

c9 = mdl2.MhsTIF('Janto' , 23 , 'Klaten' , 245000)

c10 = mdl2.MhsTIF('Khandra' , 24 , 'Karanganyar' , 270000)

c10 = mdl2.MhsTIF('Khald' , 29 , 'Purwodadi' , 265000)
 False
                                                                                                                                                                                                 Daftar = [c0, c1, c2, c3, c4, c5, c6, c7, c8, c9, c10]
                                                                                                                                                                                                 target = 'Klaten'
for i in Daftar :
    if i.kotaTinggal == target:
        print(i.nama + ' tingga
                                                                                                                                                                                                 ##LATIHAN 4
def cariTerkecil(kumpulan):
                                                                                                                                                                                                        f boot 1 (Doffens)
                                                                                                                                                                         In: 10 Col: 4
iii o o o o
                                                                                                                                                                                                                                                                                                                         MB/s ヘ 🖅 🦟 Φ)) ENG 13:46 📮
```

Latihan 3



Latihan 4

```
Python 3.7.2 Shell
                                                                                                                                   Latihan modul 4.py - C:\Users\Mr Darkness\Desktop\Latihan modul 4.py (3.7.2)
                                                                                                                                                                                                                                                     ×
                                                                                                                                   File Edit Format Run Options Window Help

c9 = mdl2.MhsTIF('Hasan', 64, 'Karanganyar', 270000)

cl0 = mdl2.MhsTIF('Khalid', 29, 'Furwodadi', 265000)
File Edit Shell Debug Options Window Help
Python 3.7.2 (tags/v3.7.2:9a3ffc0492, Dec 23 2018, 22:20:52) [MSC v.1916 32 bit (
Intel)] on win32
Type "help", "copyright", "credits" or "license()" for more information.
                                                                                                                                   Daftar = [c0, c1, c2, c3, c4, c5, c6, c7, c8, c9, c10]
  RESTART: C:\Users\Mr_Darkness\Desktop\Latihan_modul_4.py ======
 Deni tinggal di Klaten
Janto tinggal di Klaten
                                                                                                                                   target = 'Klaten'
                                                                                                                                        get = 'Alatem'
i in Daftar :
if i.kotaTinggal == target:
    print(i.nama + ' tinggal di ' + target)
       ====== RESTART: C:\Users\Mr_Darkness\Desktop\Latihan_modul_4.py =======
 ERSIART: C:\Users\Mr_Darkness\Desktop\Latihan_mod
Dent iniggal di Klaten
('Budi', 230000)
('Hasan', 270000)
('Hasan', 270000)
('Ika', 'Budi', 'Chandra', 'Eka', 'Deni', 'Galuh', 'Janto']
['Nhmad', 'Fandi', 'Hasan', 'Khalid']
                                                                                                                                  def kecil(Daftar):
    minim = Daftar[0].uangSaku
    for i in Daftar:
        if i.uangSaku < minim:
            minim = i.uangSaku
        if i.uangSaku = minim:
            nama = i.nama</pre>
                                                                                                                                   return nama, minim
print(kecil(Daftar))
                                                                                                                                   maxim = i.uangSaku
if i.uangSaku == maxim:
nama = i.nama
return nama, maxim
print(besar(Daftar))
                                                                                                                   Ln: 15 Col: 4
== | D | 0 | 2
```

Latihan 5

```
Latihan_modul_4.py - C:\Users\Mr_Darkness\Desktop\Latihan_modul_4.py (3.7.2)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Python 3.7.2 Shell
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              ×
 File Edit Shell Debug Options Window Help
                                                                                                                                                                                                                                                                                                                                                                   <u>F</u>ile <u>E</u>dit F<u>o</u>rmat <u>R</u>un <u>O</u>ptions <u>W</u>indow <u>H</u>elp
Python 3.7.2 (tags/v3.7.2:9a3ffc0492, Dec 23 2018, 22:20:52) [MSC v.1916 32 bit (Intel)] on win32

Type "help", "copyright", "credits" or "license()" for more information.
                                                                                                                                                                                                                                                                                                                                                                   print(lebih(Daftar))
 >>>

True
False
[10, 11]
False

>>>

True
False

                                                                                                                                                                                                                                                                                                                                                                   ##LATIHAN 5
                                 === RESTART: C:\Users\Mr_Darkness\Desktop\Latihan_modul_4.py ===
                                                                                                                                                                                                                                                                                                                                                                      def binSe(list, terget):
                                                                                                                                                                                                                                                                                                                                                                                 low = 0
high = len(list) - 1
                                                                                                                                                                                                                                                                                                                                                                                 while low <= high:
                                                                                                                                                                                                                                                                                                                                                                                                 return True

#ataukah targetnya di sebelah kirinya?

f target < list[mid]:

high = mid - 1

#atau targetnya ada di sebelah kananya?
                                                                                                                                                                                                                                                                                                                                                                                                  else
                                                                                                                                                                                                                                                                                                                                                                                                                  low = mid + 1
                                                                                                                                                                                                                                                                                                                                                                                 return False
                                                                                                                                                                                                                                                                                                                                                                 list = [2,3,5,6,6,6,8,9,9,10,11,12,13,13,14] target = 6 print(binSe(list,target)) list = [2,3,5,6,6,6,8,9,9,10,11,12,13,13,14] target = 7
                                                                                                                                                                                                                                                                                                                                                                   print(binSe(list,target))
                                                                                                                                                                                                                                                                                                                                                                     def binSe(list, target):
                                                                                                                                                                                                                                                                                                                                                                                   a=[]
low = 0
                                                                                                                                                                                                                                                                                                                                                                               low = 0
high = len(list) - 1
while(low(=high):
    mid = (low(+high))/2
    if(list(mid) == target):
        a.append(list.index(target))
        i=list.index(target) - 1
        j = list.index(target) + 1
        while target == list[i]:
                                                                                                                                                                                                                                                                                                                      Ln: 15 Col: 4
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Ln: 123 Col: 20
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