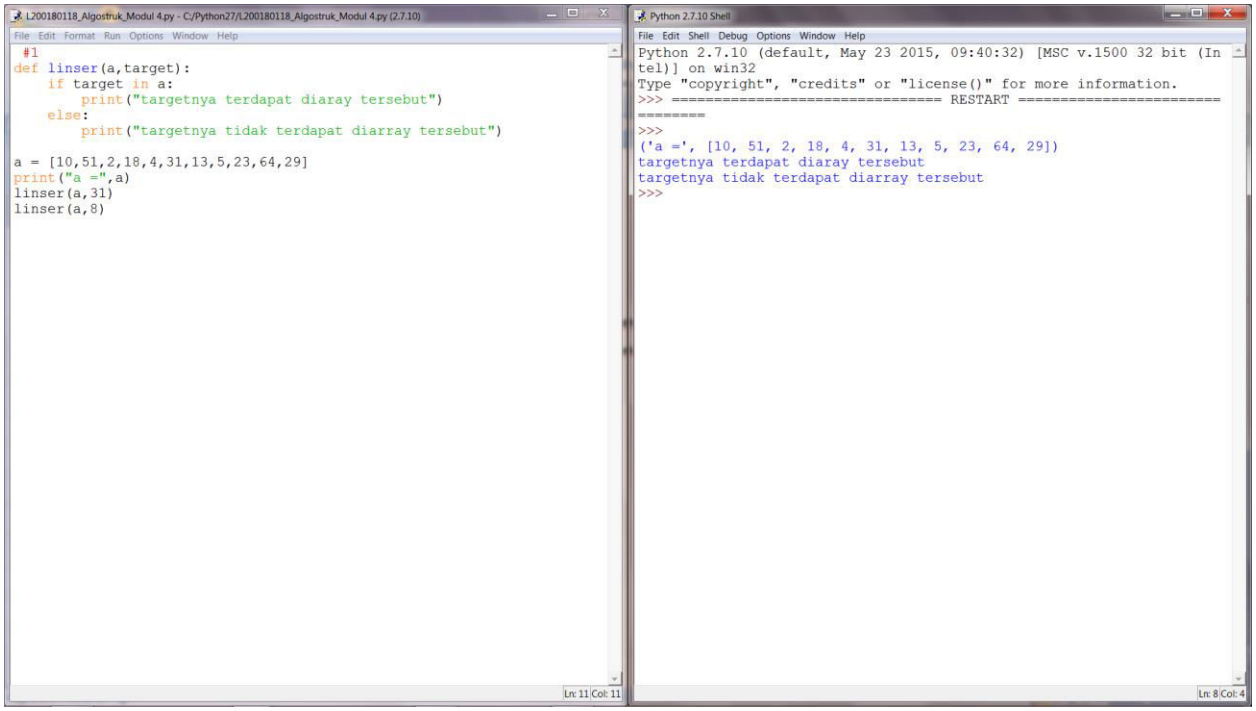
Nama : Fandhitya Giovani
Nim : L200180118
Kelas : E

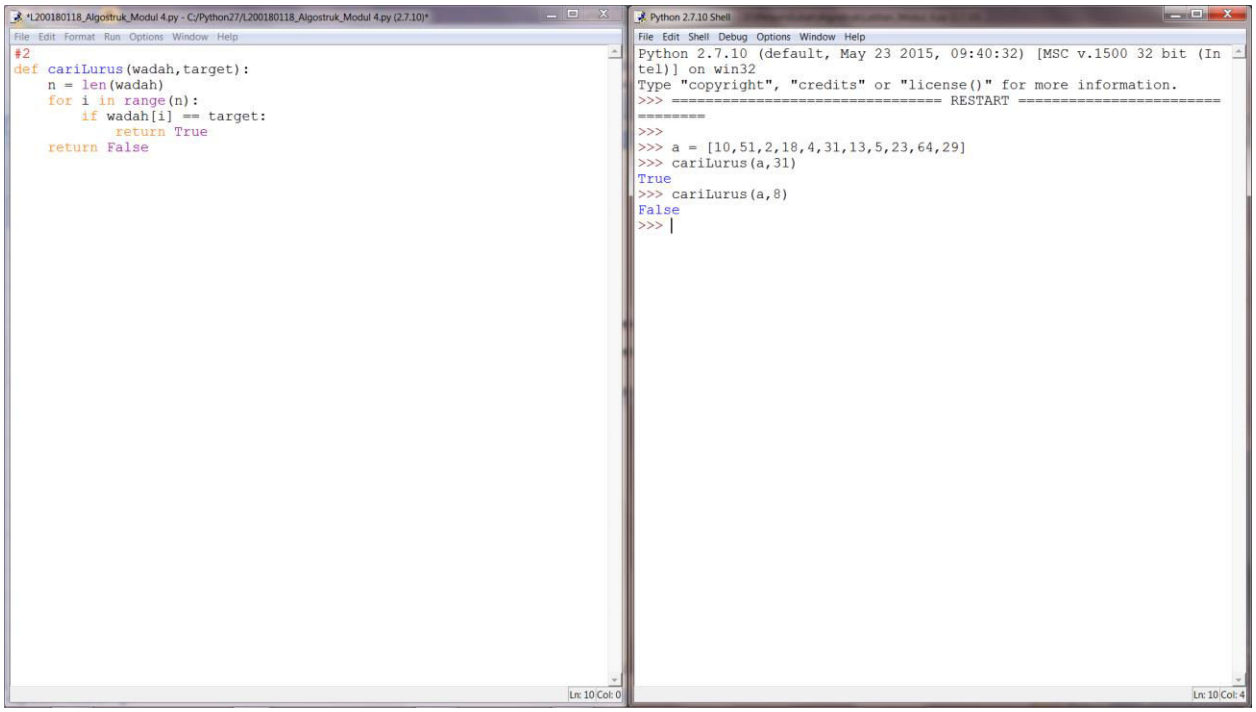
Latihan

Modul 4.

Nomer 1.



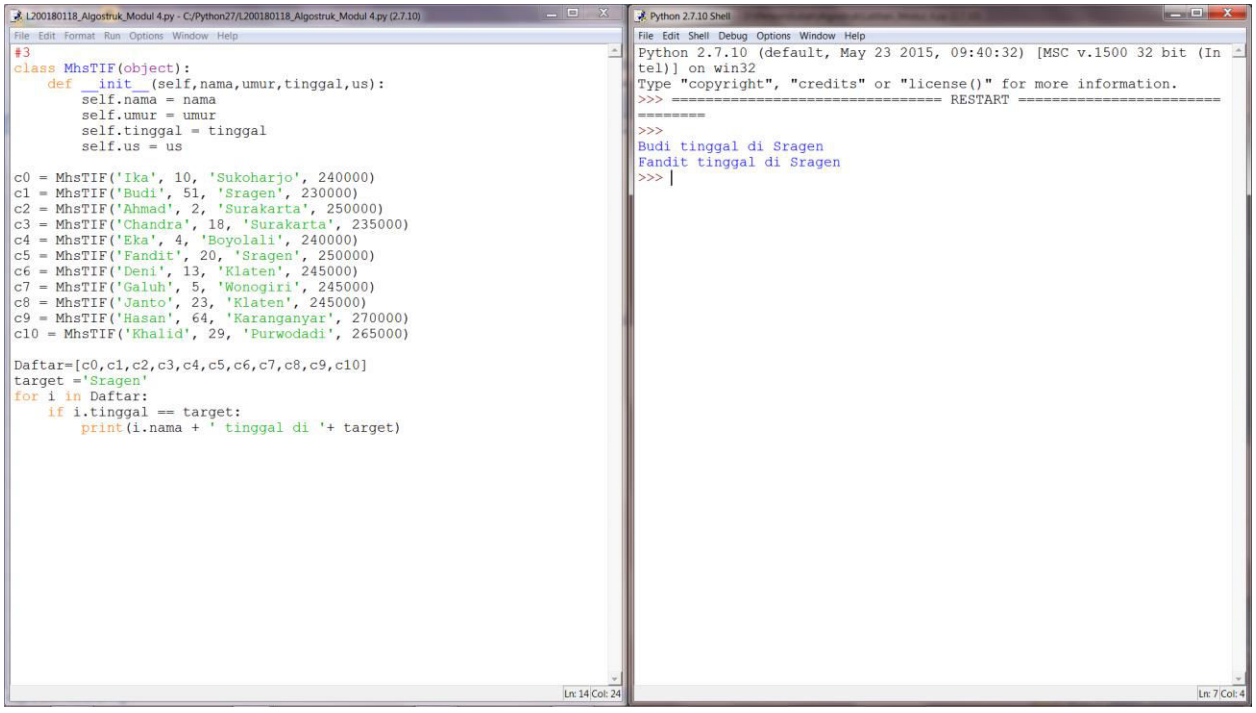
Nomer 2.



```
#2
def cariLurus(wadah,target):
    n = len(wadah)
    for i in range(n):
        if wadah[i] == target:
            return True
    return False
```

```
Python 2.7.10 (default, May 23 2015, 09:40:32) [MSC v.1500 32 bit (In
tel)] on win32
Type "copyright", "credits" or "license()" for more information.
>>> ================================ RESTART ================================
========
>>>
>>> a = [10,51,2,18,4,31,13,5,23,64,29]
>>> cariLurus(a,31)
True
>>> cariLurus(a,8)
False
>>>
```

Nomer 3.



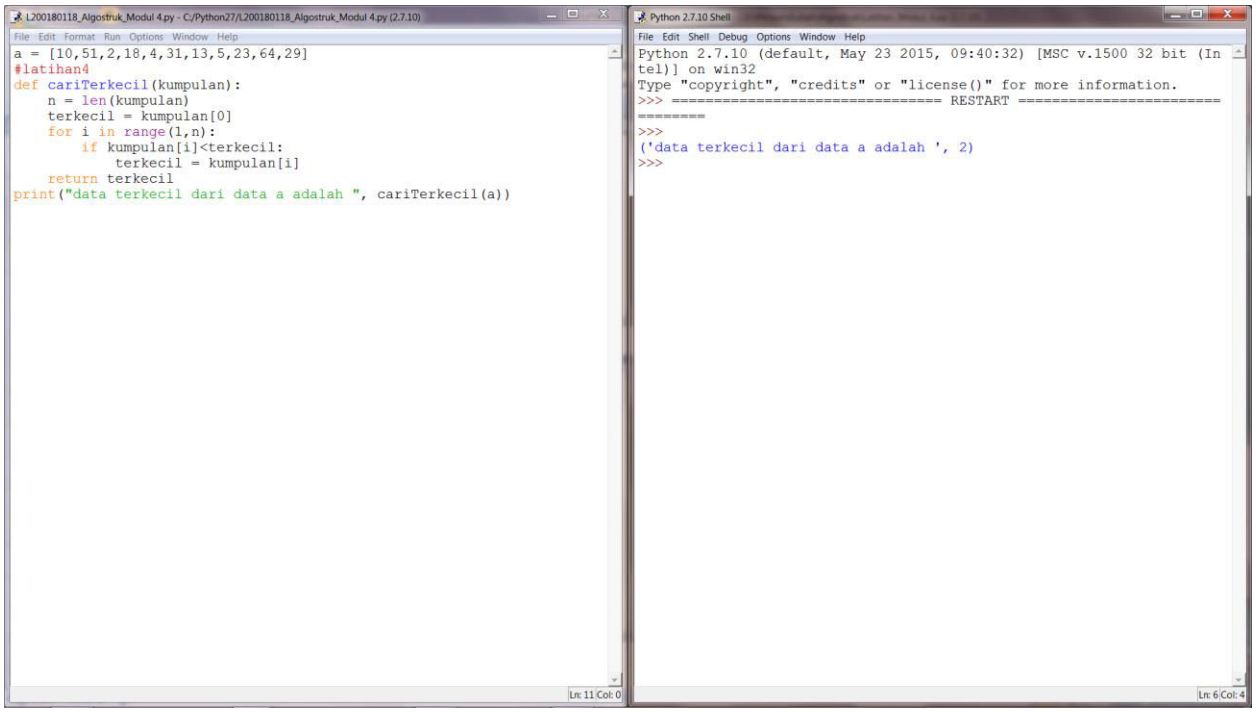
```
#3
class MhsTIF(object):
    def __init__(self,nama,umur,tinggal,us):
        self.nama = nama
        self.umur = umur
        self.tinggal = tinggal
        self.us = us

c0 = MhsTIF('Ika', 10, 'Sukoharjo', 240000)
c1 = MhsTIF('Budi', 51, 'Sragen', 230000)
c2 = MhsTIF('Ahmad', 2, 'Surakarta', 250000)
c3 = MhsTIF('Chandra', 18, 'Surakarta', 235000)
c4 = MhsTIF('Eka', 4, 'Boyolali', 240000)
c5 = MhsTIF('Fandit', 20, 'Sragen', 250000)
c6 = MhsTIF('Deni', 13, 'Klaten', 245000)
c7 = MhsTIF('Galuh', 5, 'Wonogiri', 245000)
c8 = MhsTIF('Janto', 23, 'Klaten', 245000)
c9 = MhsTIF('Hasan', 64, 'Karanganyar', 270000)
c10 = MhsTIF('Khalid', 29, 'Purwodadi', 265000)

Daftar=[c0,c1,c2,c3,c4,c5,c6,c7,c8,c9,c10]
target ='Sragen'
for i in Daftar:
    if i.tinggal == target:
        print(i.nama + ' tinggal di '+ target)
```

```
Python 2.7.10 (default, May 23 2015, 09:40:32) [MSC v.1500 32 bit (In
tel)] on win32
Type "copyright", "credits" or "license()" for more information.
>>> ================================ RESTART ================================
========
>>>
Budi tinggal di Sragen
Fandit tinggal di Sragen
>>>
```

Nomer 4.


L20180118_Algostruk_Modul 4.py - C:/Python27/L20180118_Algostruk_Modul 4.py (2.7.10)
File Edit Format Run Options Window Help
a = [10,51,2,18,4,31,13,5,23,64,29]
#latihan4
def cariTerkecil(kumpulan):
n = len(kumpulan)
terkecil = kumpulan[0]
for i in range(1,n):
if kumpulan[i]<terkecil:
terkecil = kumpulan[i]
return terkecil
print("data terkecil dari data a adalah ", cariTerkecil(a))
Ln: 11 Col: 0
Python 2.7.10 Shell
File Edit Shell Debug Options Window Help
Python 2.7.10 (default, May 23 2015, 09:40:32) [MSC v.1500 32 bit (Intel)] on win32
Type "copyright", "credits" or "license()" for more information.
>>> ========== RESTART ==========
========
>>>
('data terkecil dari data a adalah ', 2)
>>>
Ln: 6 Col: 4