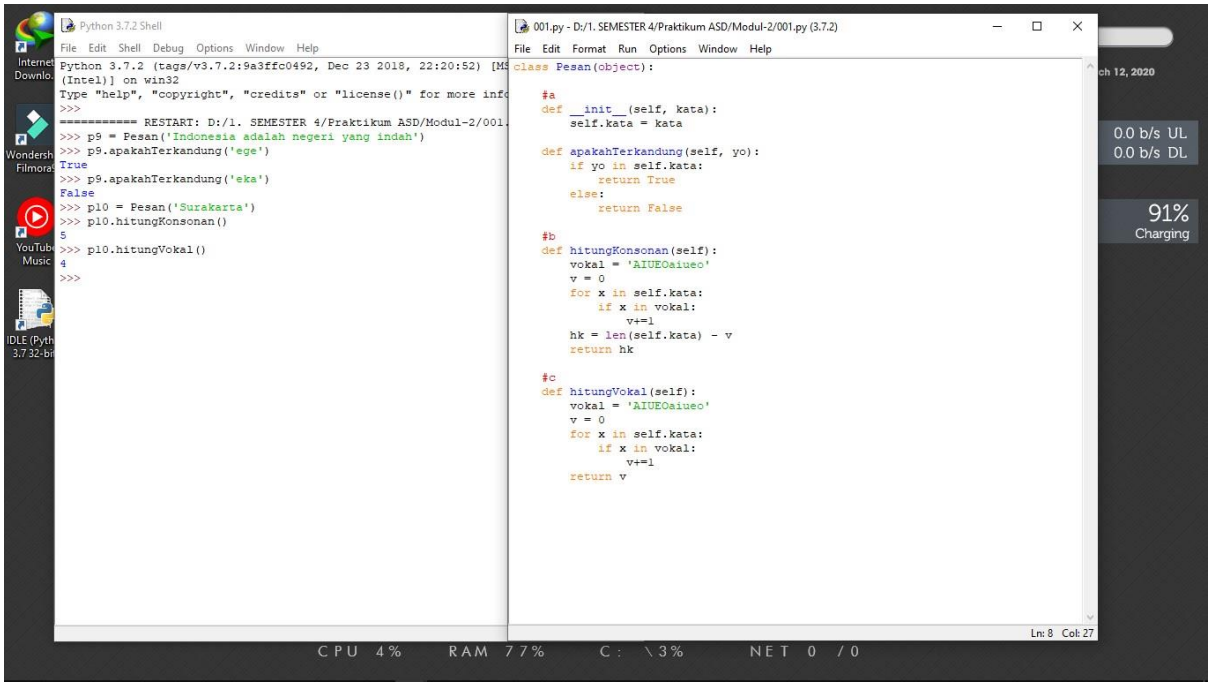
Nama : Bachtiar Nuhri Kurniawan

Nim : L200180031

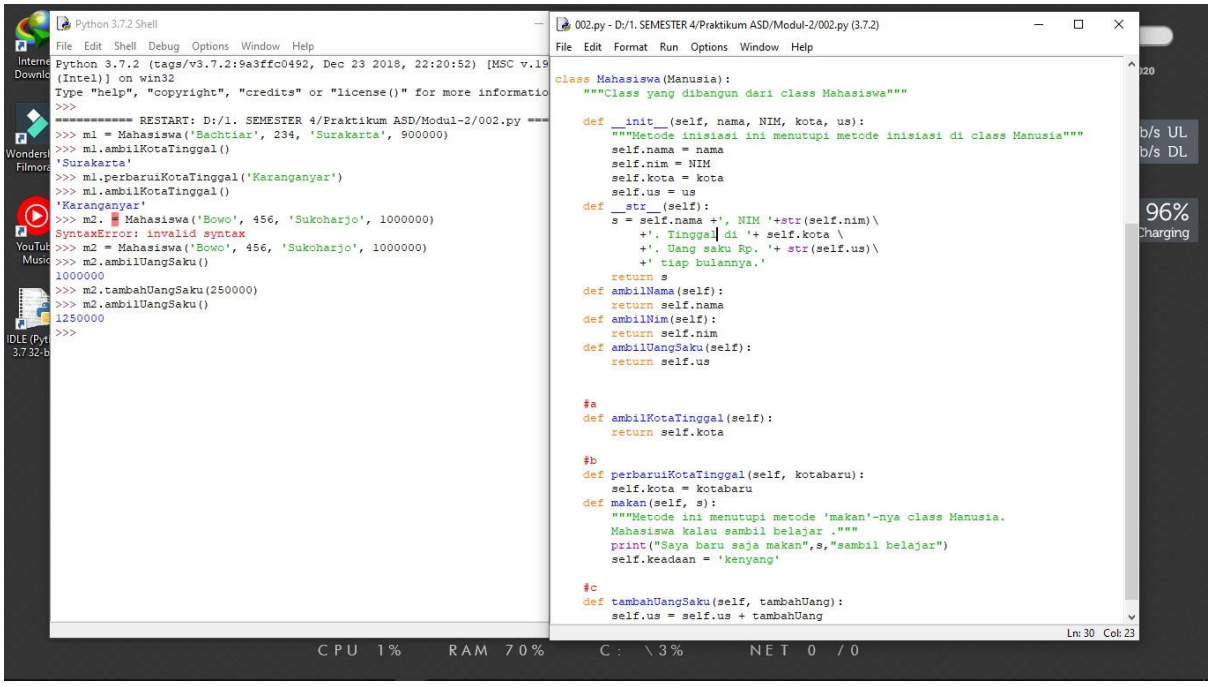
Kelas : B Tugas!

MODUL 2

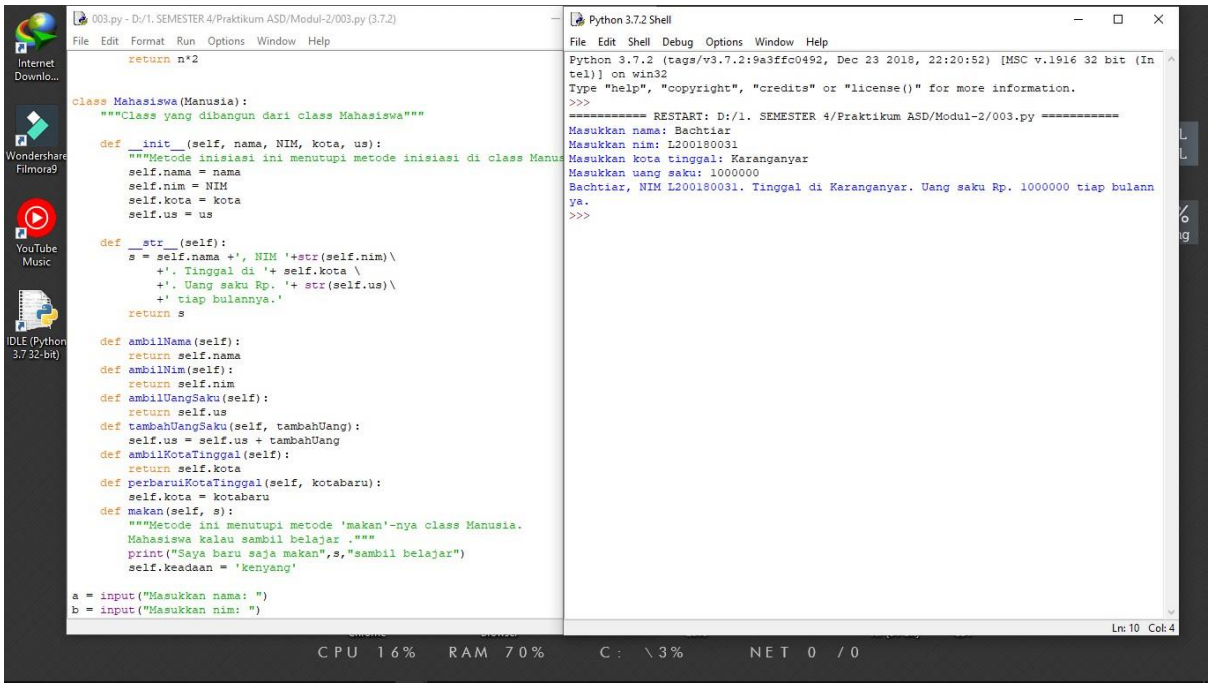
1. Nomer 1



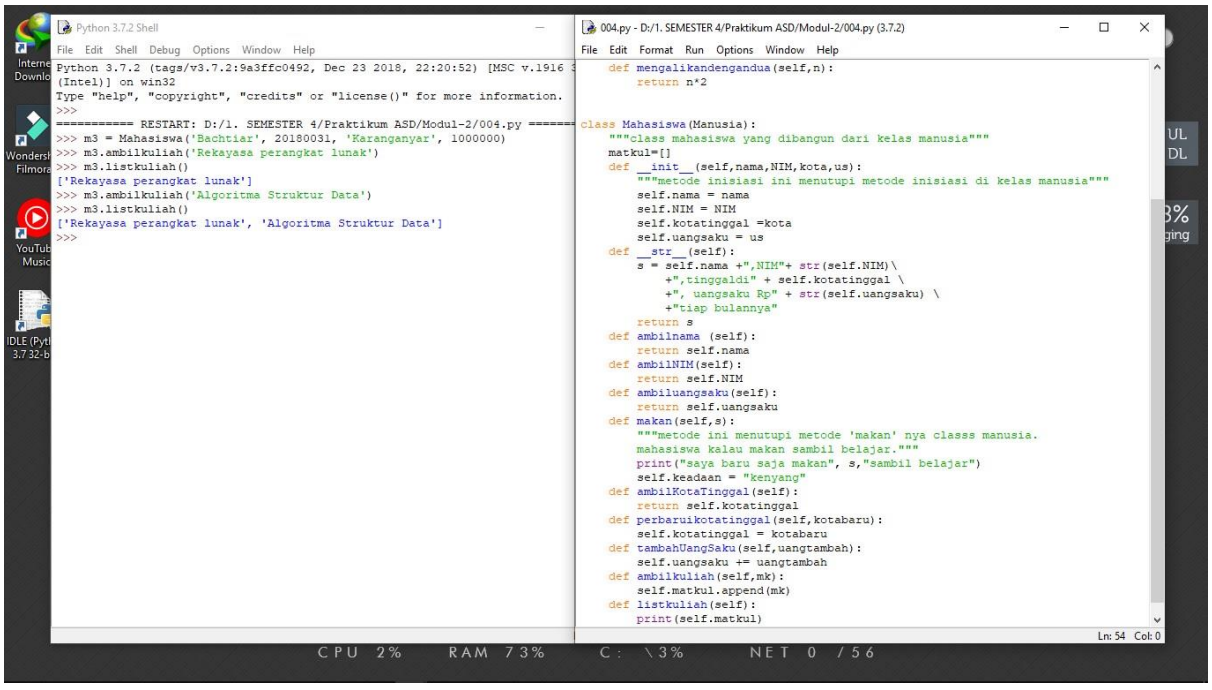
2. Nomer 2



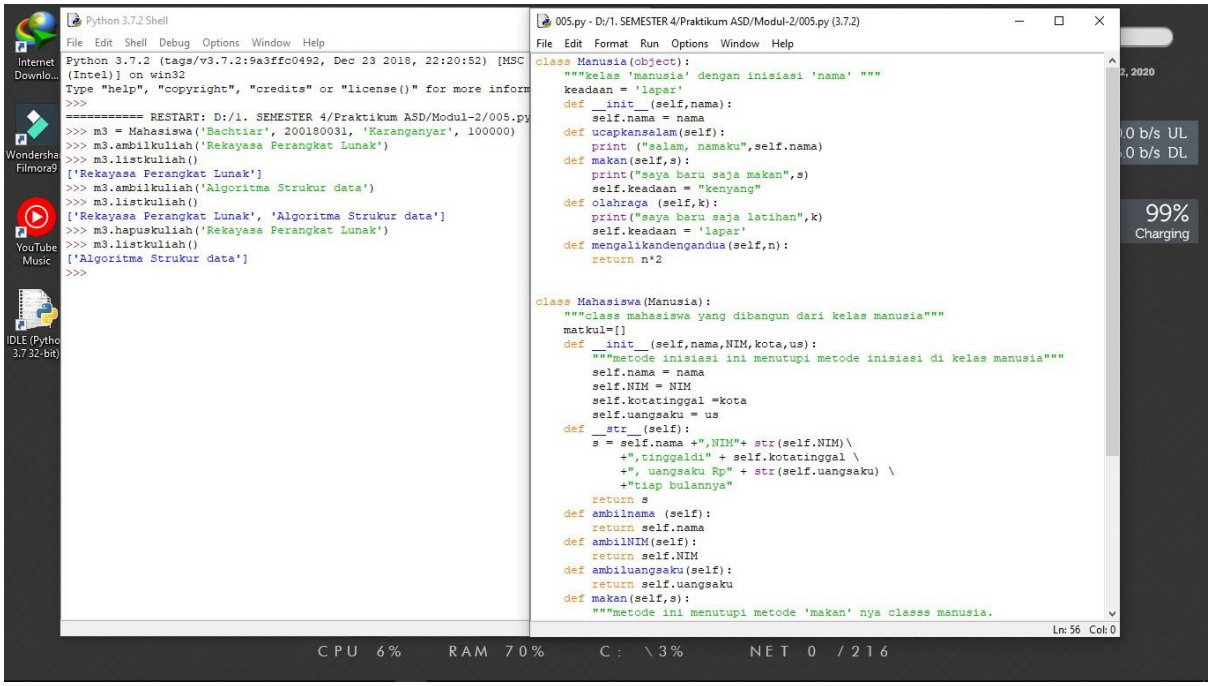
3. Nomer 3



4. Nomer 4



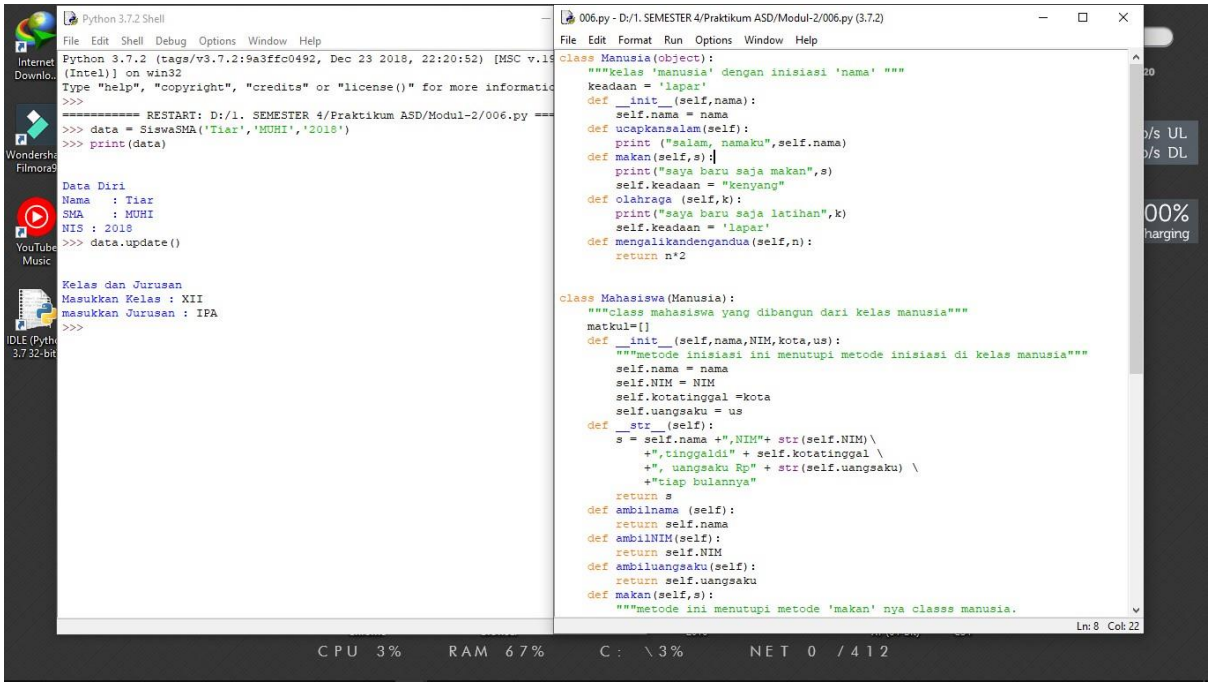
5. Nomer 5



```
Python 3.7.2 (tags/v3.7.2:9a3ffc0492, Dec 23 2018, 22:20:52) [MSC
(Intel)] on win32
Type "help", "copyright", "credits" or "license()" for more inform
>>>
========== RESTART: D:/1. SEMESTER 4/Praktikum ASD/Modul-2/005.py
>>> m3 = Mahasiswa('Bachtiar', 200180031, 'Karanganyar', 100000)
>>> m3.ambilkuliah('Rekayasa Perangkat Lunak')
>>> m3.listkuliah()
['Rekayasa Perangkat Lunak']
>>> m3.ambilkuliah('Algoritma Strukur data')
>>> m3.listkuliah()
['Rekayasa Perangkat Lunak', 'Algoritma Strukur data']
>>> m3.hapuskuliah('Rekayasa Perangkat Lunak')
>>> m3.listkuliah()
['Algoritma Strukur data']
>>>
```

```
class Manusia(object):
    """kelas 'manusia' dengan inisiasi 'nama' """
    keadaan = 'lapar'
    def __init__(self,nama):
        self.nama = nama
    def ucapkansalam(self):
        print ("salam, namaku",self.nama)
    def makan(self,s):
        print("saya baru saja makan",s)
        self.keadaan = "kenyang"
    def olahraga (self,k):
        print("saya baru saja latihan",k)
        self.keadaan = 'lapar'
    def mengalikandengandua(self,n):
        return n*2


class Mahasiswa(Manusia):
    """class mahasiswa yang dibangun dari kelas manusia"""
    matkul=[]
    def __init__(self,nama,NIM,kota,us):
        """metode inisiasi ini menutupi metode inisiasi di kelas manusia"""
        self.nama = nama
        self.NIM = NIM
        self.kotatinggal =kota
        self.uangsaku = us
    def __str__(self):
        s = self.nama +",NIM"+ str(self.NIM)\
            +",tinggaldi" + self.kotatinggal \
            +", uangsaku Rp" + str(self.uangsaku) \
            +"tiap bulannya"
        return s
    def ambilnama (self):
        return self.nama
    def ambilNIM(self):
        return self.NIM
    def ambiluangsaku(self):
        return self.uangsaku
    def makan(self,s):
        """metode ini menutupi metode 'makan' nya classs manusia.
```

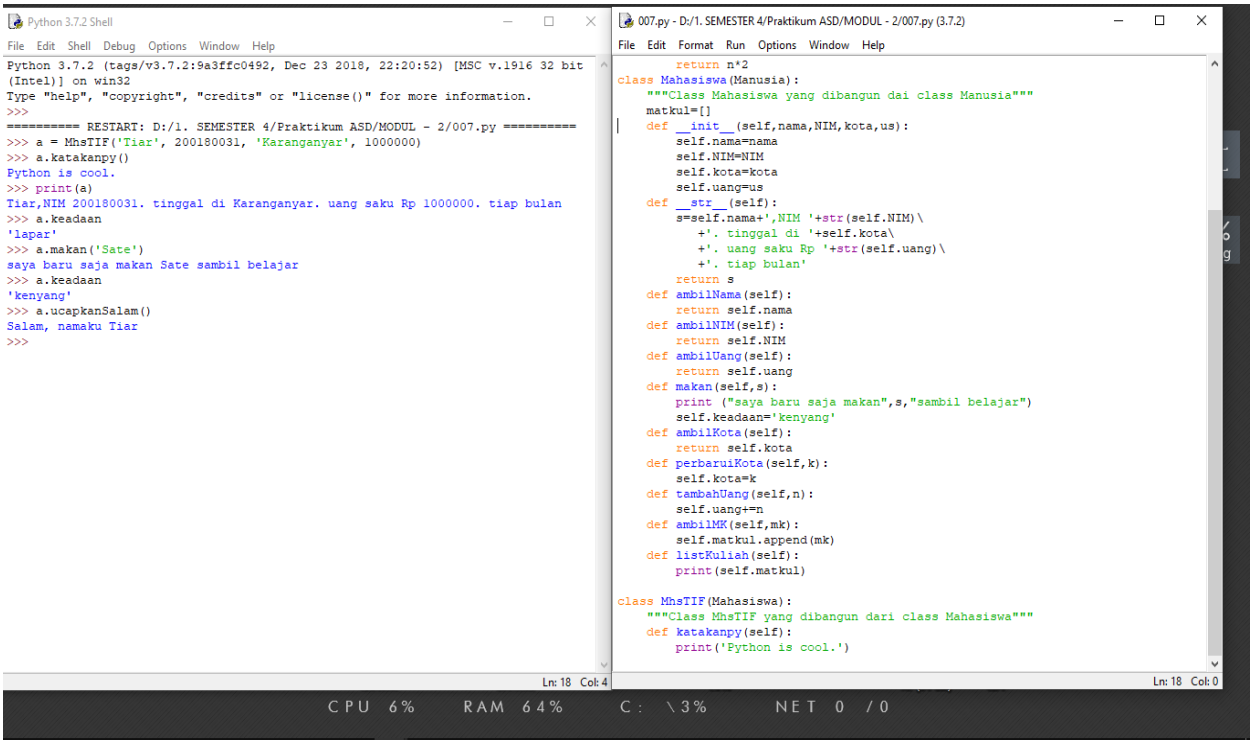
6. Nomer 6



```
Python 3.7.2 (tags/v3.7.2:9a3ffc0492, Dec 23 2018, 22:20:52) [MSC v.19
(Intel)] on win32
Type "help", "copyright", "credits" or "license()" for more informatic
>>>
========== RESTART: D:/1. SEMESTER 4/Praktikum ASD/Modul-2/006.py ===
>>> data = SiswaSMA('Tiar','MUHI','2018')
>>> print(data)


Data Diri
Nama    : Tiar
SMA     : MUHI
NIS : 2018
>>> data.update()


Kelas dan Jurusan
Masukkan Kelas : XII
masukkan Jurusan : IPA
>>>
```

```
class Manusia(object):
    """kelas 'manusia' dengan inisiasi 'nama' """
    keadaan = 'lapar'
    def __init__(self,nama):
        self.nama = nama
    def ucapkansalam(self):
        print ("salam, namaku",self.nama)
    def makan(self,s):
        print("saya baru saja makan",s)
        self.keadaan = "kenyang"
    def olahraga (self,k):
        print("saya baru saja latihan",k)
        self.keadaan = 'lapar'
    def mengalikandengandua(self,n):
        return n*2


class Mahasiswa(Manusia):
    """class mahasiswa yang dibangun dari kelas manusia"""
    matkul=[]
    def __init__(self,nama,NIM,kota,us):
        """metode inisiasi ini menutupi metode inisiasi di kelas manusia"""
        self.nama = nama
        self.NIM = NIM
        self.kotatinggal =kota
        self.uangsaku = us
    def __str__(self):
        s = self.nama +",NIM"+ str(self.NIM)\
            +",tinggaldi" + self.kotatinggal \
            +", uangsaku Rp" + str(self.uangsaku) \
            +"tiap bulannya"
        return s
    def ambilnama (self):
        return self.nama
    def ambilNIM(self):
        return self.NIM
    def ambiluangsaku(self):
        return self.uangsaku
    def makan(self,s):
        """metode ini menutupi metode 'makan' nya classs manusia.
```

7. Nomer 7


Python 3.7.2 Shell
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.
>>>
========== RESTART: D:/1. SEMESTER 4/Praktikum ASD/MODUL - 2/007.py ==========
>>> a = MhsTIF('Tiar', 200180031, 'Karanganyar', 1000000)
>>> a.katakanpy()
Python is cool.
>>> print(a)
Tiar,NIM 200180031. tinggal di Karanganyar. uang saku Rp 1000000. tiap bulan
>>> a.keadaan
'lapar'
>>> a.makan('Sate')
saya baru saja makan Sate sambil belajar
>>> a.keadaan
'kenyang'
>>> a.ucapkanSalam()
Salam, namaku Tiar
>>>
Ln: 18 Col: 4
007.py - D:/1. SEMESTER 4/Praktikum ASD/MODUL - 2/007.py (3.7.2)
File Edit Format Run Options Window Help
return n*2
class Mahasiswa(Manusia):
"""Class Mahasiswa yang dibangun dai class Manusia"""
matkul=[]
def __init__(self,nama,NIM,kota,us):
self.nama=nama
self.NIM=NIM
self.kota=kota
self.uang=us
def __str__(self):
s=self.nama+',NIM '+str(self.NIM)\
+'. tinggal di '+self.kota\
+'. uang saku Rp '+str(self.uang)\
+'. tiap bulan'
return s
def ambilNama(self):
return self.nama
def ambilNIM(self):
return self.NIM
def ambilUang(self):
return self.uang
def makan(self,s):
print ("saya baru saja makan",s,"sambil belajar")
self.keadaan='kenyang'
def ambilKota(self):
return self.kota
def perbaruiKota(self,k):
self.kota=k
def tambahUang(self,n):
self.uang+=n
def ambilMK(self,mk):
self.matkul.append(mk)
def listKuliah(self):
print(self.matkul)
class MhsTIF(Mahasiswa):
"""Class MhsTIF yang dibangun dari class Mahasiswa"""
def katakanpy(self):
print('Python is cool.')
Ln: 18 Col: 0
CPU 6% RAM 64% C: 3% NET 0 / 0