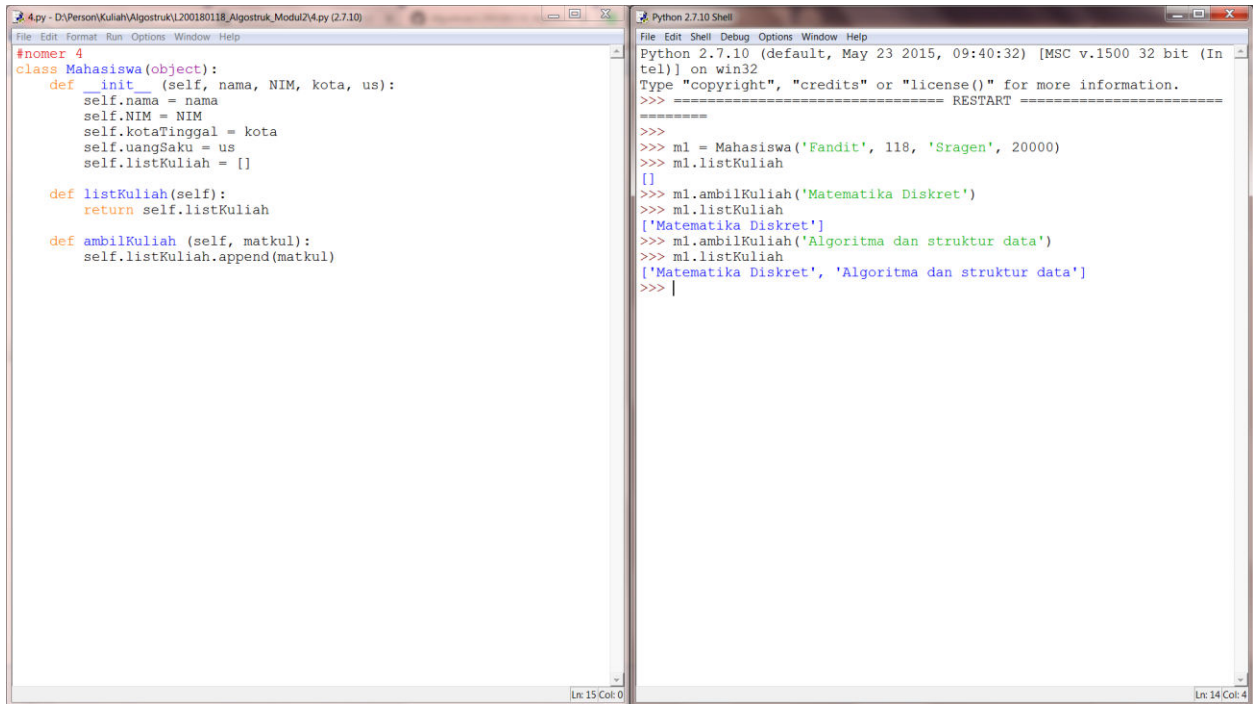


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Kelas : E

## Tugas

## Modul2



The screenshot shows a Python IDE with two windows. The left window, titled '4.py - D:\Person\Kuliah\Algostruk\Modul2\4.py (2.7.10)', contains the following code:

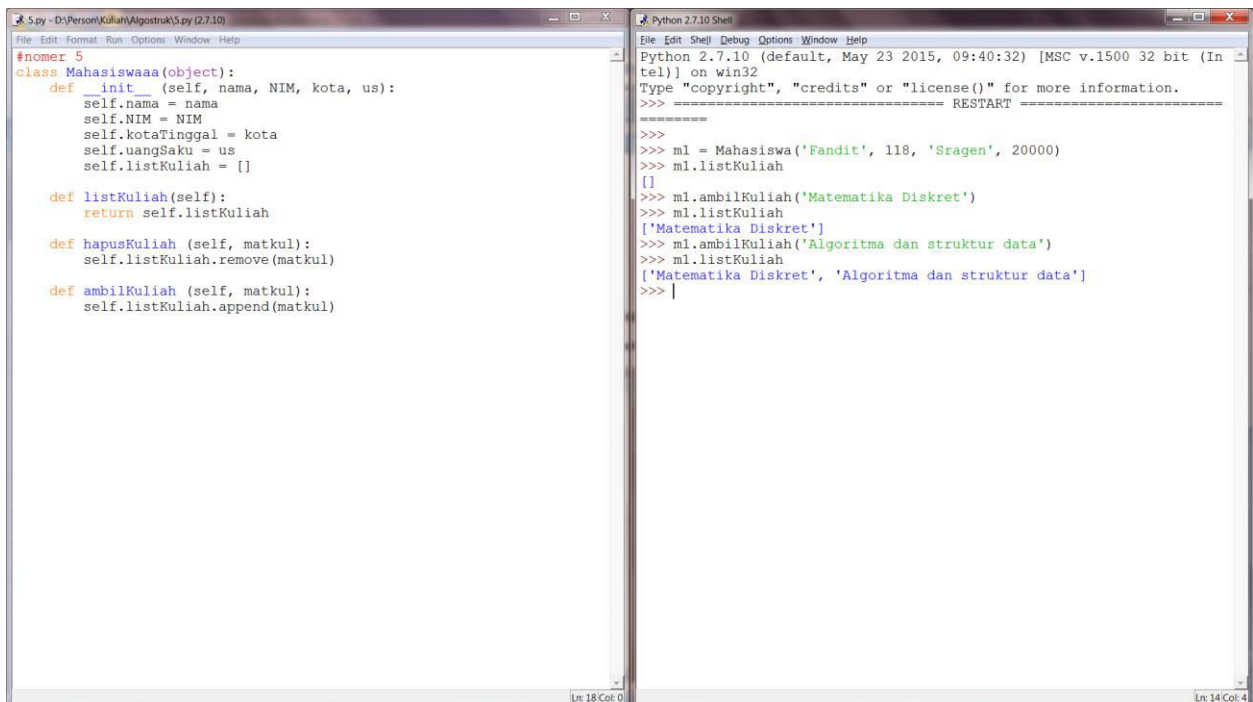
```
#nomer 4
class Mahasiswa(object):
    def __init__(self, nama, NIM, kota, us):
        self.nama = nama
        self.NIM = NIM
        self.kotaTinggal = kota
        self.uangSaku = us
        self.listKuliah = []

    def listKuliah(self):
        return self.listKuliah

    def ambilKuliah(self, matkul):
        self.listKuliah.append(matkul)
```

The right window, titled 'Python 2.7.10 Shell', shows the execution of the code:

```
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.
>>>
>>> m1 = Mahasiswa('Fandit', 118, 'Sragen', 20000)
>>> m1.listKuliah
[]
>>> m1.ambilKuliah('Matematika Diskret')
>>> m1.listKuliah
['Matematika Diskret']
>>> m1.ambilKuliah('Algoritma dan struktur data')
>>> m1.listKuliah
['Matematika Diskret', 'Algoritma dan struktur data']
>>>
```



The screenshot shows a Python IDE with two windows. The left window, titled '5.py - D:\Person\Kuliah\Algostruk\5.py (2.7.10)', contains the following code:

```
#nomer 5
class Mahasiswaaa(object):
    def __init__(self, nama, NIM, kota, us):
        self.nama = nama
        self.NIM = NIM
        self.kotaTinggal = kota
        self.uangSaku = us
        self.listKuliah = []

    def listKuliah(self):
        return self.listKuliah

    def hapusKuliah(self, matkul):
        self.listKuliah.remove(matkul)

    def ambilKuliah(self, matkul):
        self.listKuliah.append(matkul)
```

The right window, titled 'Python 2.7.10 Shell', shows the execution of the code:

```
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.
>>>
>>> m1 = Mahasiswaaa('Fandit', 118, 'Sragen', 20000)
>>> m1.listKuliah
[]
>>> m1.ambilKuliah('Matematika Diskret')
>>> m1.listKuliah
['Matematika Diskret']
>>> m1.ambilKuliah('Algoritma dan struktur data')
>>> m1.listKuliah
['Matematika Diskret', 'Algoritma dan struktur data']
>>>
```

```
6.py - D:\Person\Kuliah\Algostrak\6.py (2.7.10)
File Edit Format Run Options Window Help
#nomer 6
def Manusiaa(object):
    def __init__(self, nama, umur, alamat):
        self.nama = nama
        self.umur = umur
        self.alamat = alamat

    def ambilNama(self, nama):
        return self.nama

    def ambilUmur(self, umur):
        return self.umur

    def ambilAlamat(self, nama):
        return self.alamat

def siswaSMA(Manusia):
    def __init__(self, nama, noAbsen, kelas, jurusan):
        self.nama = nama
        self.noAbsen = absen
        self.kelas = kelas
        self.jurusan = jurusan

    def ambilNama(self, nama):
        return self.nama

    def ambilNoAbsen(self, noAbsen):
        return self.noAbsen

    def ambilKelas(self, kelas):
        return self.kelas

    def ambilJurusan(self, jurusan):
        return self.jurusan

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 =====
>>>
>>> |
```

```
7.py - D:\Person\Kuliah\Algostrak\7.py (2.7.10)
File Edit Format Run Options Window Help
def __str__(self):
    s = self.nama + ", NIM " + str(self.NIM)\
        + ", tinggal di " + self.kotaTinggal\
        + ", uang saku " + 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):
    print("saya baru saja makan", s, "sambil belajar")
    self.keadaan = "kenyang"

def ambilKotaTinggal(self):
    return self.kotaTinggal

def perbaruiKotaTinggal(self, p):
    self.kotaTinggal = p

def tambahUangSaku(self, k):
    self.uangSaku += k

class MhsTIF(Mahasiswa):
    def katakanPy(self):
        print("Python is cool")

a = MhsTIF("Fandit", 4092, "Grager", 200000)
a.ambilNama() # from class Manusia
a.makan("roti") # from class Mahasiswa
a.ambilNIM() # from class Mahasiswa
a.ambilUangSaku() # from class Mahasiswa
a.katakanPy() # from class MhsTIF

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 =====
>>> ('saya baru saja makan', 'roti', 'sambil belajar')
>>> Python is cool
>>>
```