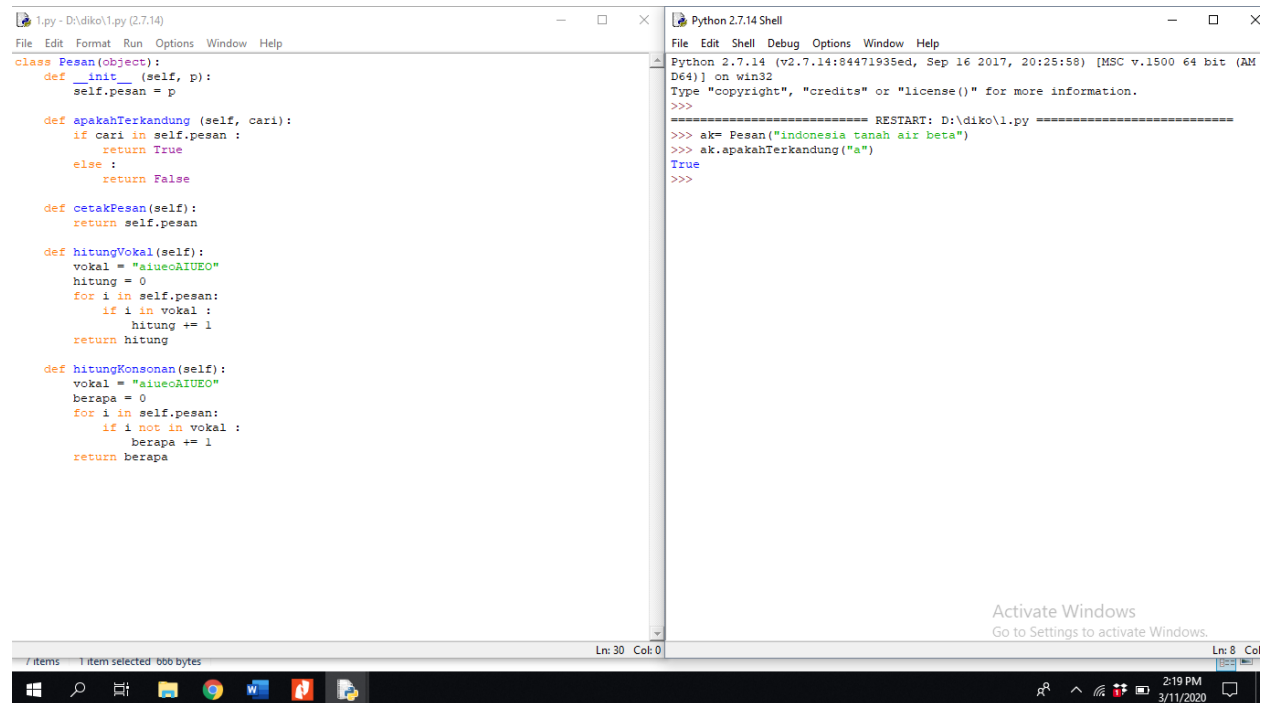Nama   : Kurniawan Andika Wijaya

NIM   : L200180115

Kelas   : C

Tugas Praktikum Modul 2

1.

2.

3.

File Edit Format Run Options Window Help

```python
class Mahasiswa(object):
    def __init__ (self, nama, NIM, kota, us):
        self.nama = nama
        self.NIM = NIM
        self.kotaTinggal = kota
        self.uangSaku = us

x = input("Masukkan nama -> ")
z = input("Masukkan NIM -> ")
w = input("Masukkan kotaTinggal -> ")
v = input("Masukkan uangSaku -> ")
y = Mahasiswa(x, z, w, v)
return y
```

4.

File Edit Format Run Options Window Help

```python
#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)
```
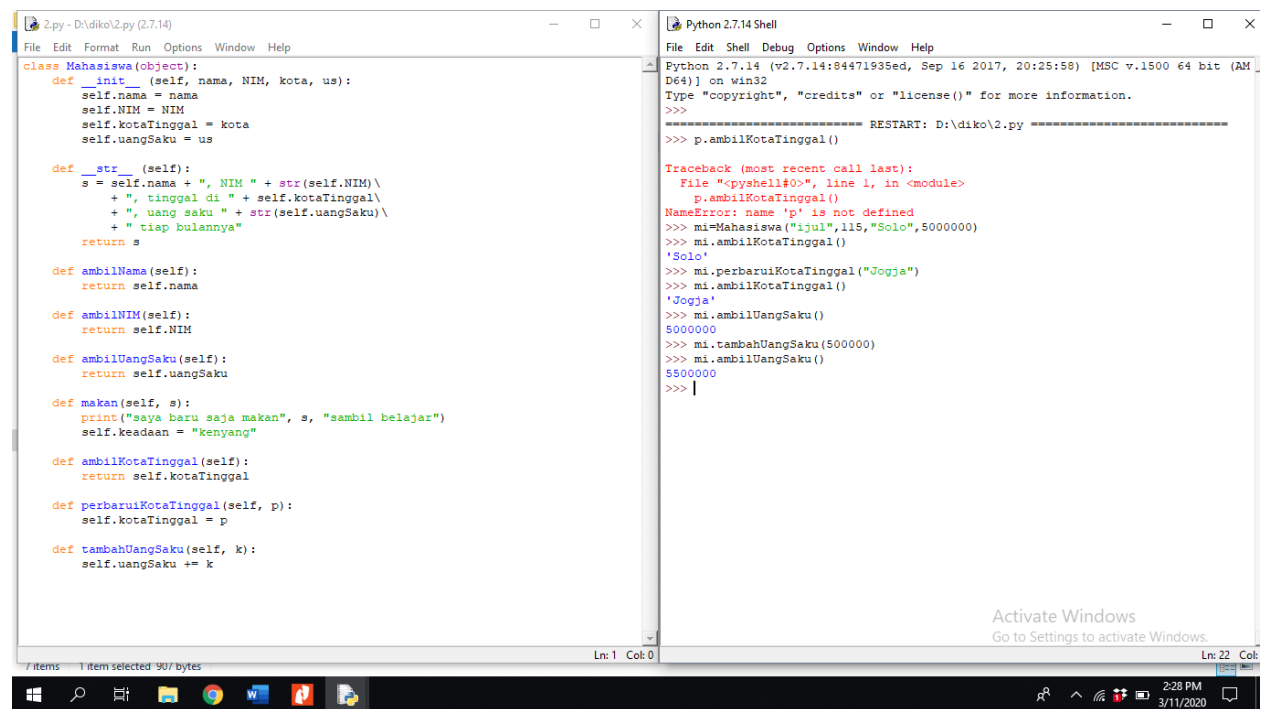
Python 2.7.14 Shell

File Edit Shell Debug Options Window Help

```
Python 2.7.14 (v2.7.14:84471935ed, Sep 16 2017, 20:25:58) [MSC v.1500 64 bit (AM
D64)] on win32
Type "copyright", "credits" or "license()" for more information.
>>>
========================= RESTART: D:\diko\4.py =========================
>>> mi.ambilKuliah()

Traceback (most recent call last):
  File "<pyshell#0>", line 1, in <module>
    mi.ambilKuliah()
NameError: name 'mi' is not defined
>>> m234.ambilKuliah()

Traceback (most recent call last):
  File "<pyshell#1>", line 1, in <module>
    m234.ambilKuliah()
NameError: name 'm234' is not defined
>>> mi=Mahasiswa("jamal",123,"lampung",560000)
>>> mi.ambilKuliah()

Traceback (most recent call last):
  File "<pyshell#3>", line 1, in <module>
    mi.ambilKuliah()
TypeError: ambilKuliah() takes exactly 2 arguments (1 given)
>>> mi.listKuliah
[]
>>> mi.ambilKuliah("bahasa indonesia")
>>> mi.ambilKuliah()

Traceback (most recent call last):
  File "<pyshell#6>", line 1, in <module>
    mi.ambilKuliah()
TypeError: ambilKuliah() takes exactly 2 arguments (1 given)
>>> mi.listKuliah
['bahasa indonesia']
>>>
```

5.

```python
#nomer 5
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 hapusKuliah (self, matkul):
        self.listKuliah.remove(matkul)

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

Python 2.7.14 Shell:

```
Python 2.7.14 (v2.7.14:84471935ed, Sep 16 2017, 20:25:58) [MSC v.1500 64 bit (AM
D64)] on win32
Type "copyright", "credits" or "license()" for more information.
>>>
============================ RESTART: D:\diko\5.py ============================
>>> m=Mahasiswa("Kamal",224,"Bogor",50000)
>>> m.listKuliah
[]
>>> m.ambilKuliah("algoritma dan struktur")
>>> m.listKuliah
['algoritma dan struktur']
>>> m.hapusKuliah("algoritma dan struktur")
>>> m.listKuliah
[]
>>>
```

6.

```python
#nomer 6
def Manusia (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 2.7.14 Shell:

```
Python 2.7.14 (v2.7.14:84471935ed, Sep 16 2017, 20:25:58) [MSC v.1500 64 bit (AM
D64)] on win32
Type "copyright", "credits" or "license()" for more information.
>>>
============================ RESTART: D:\diko\6.py ============================
>>> a=Mahasiswa("diko","22","jakarta")

Traceback (most recent call last):
  File "<pyshell#0>", line 1, in <module>
    a=Mahasiswa("diko","22","jakarta")
NameError: name 'Mahasiswa' is not defined
>>> a=Manusia("diko","22","JAkarta")

Traceback (most recent call last):
  File "<pyshell#1>", line 1, in <module>
    a=Manusia("diko","22","JAkarta")
TypeError: Manusia() takes exactly 1 argument (3 given)
>>> a=Manusia(kurniawan)

Traceback (most recent call last):
  File "<pyshell#2>", line 1, in <module>
    a=Manusia(kurniawan)
NameError: name 'kurniawan' is not defined
>>> a=Manusia("diko")
>>> a.ambilNama("joni")

Traceback (most recent call last):
  File "<pyshell#4>", line 1, in <module>
    a.ambilNama("joni")
AttributeError: 'NoneType' object has no attribute 'ambilNama'
>>>
```

7.

File Edit Format Run Options Window Help

```python
        self.uangSaku = us

    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("Hafshah", 4092, "Solo", 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
```

Activate Windows
Go to Settings to activate Windows.

Ln: 1   Col: 0

2:46 PM
3/11/2020