

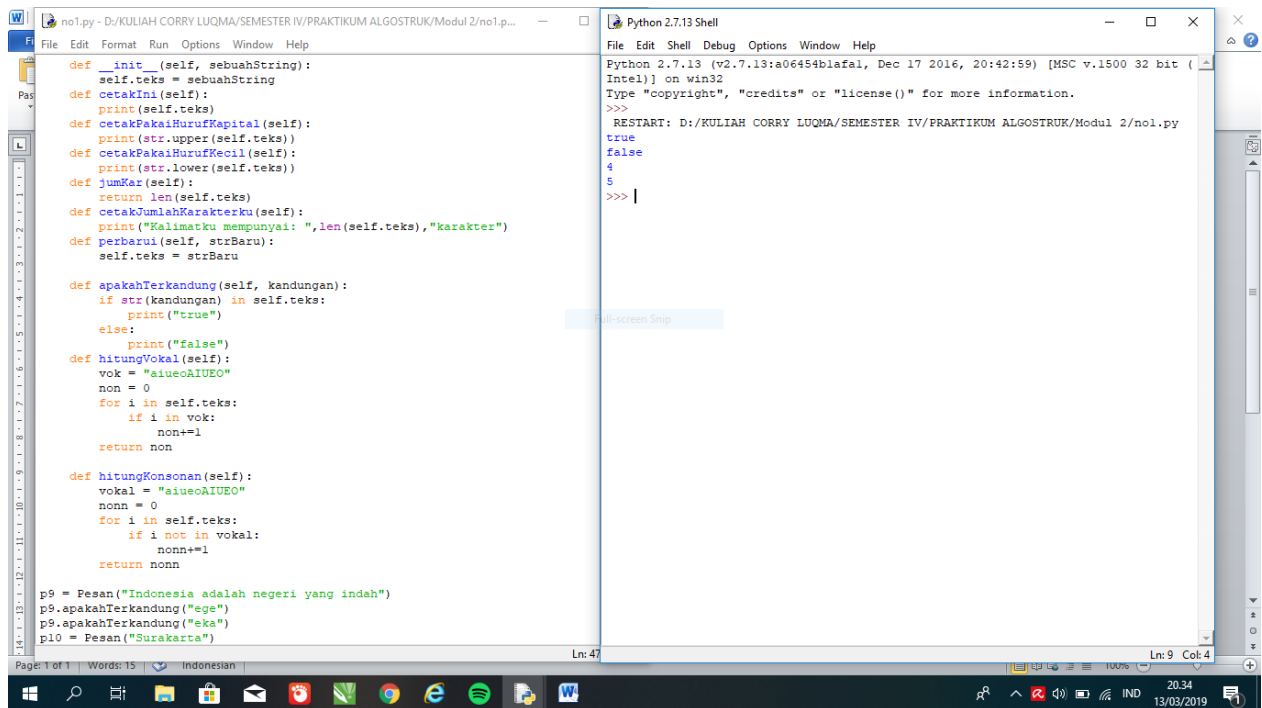
Nama = CORRY LUQMA ZUNIRA

Kelas = D

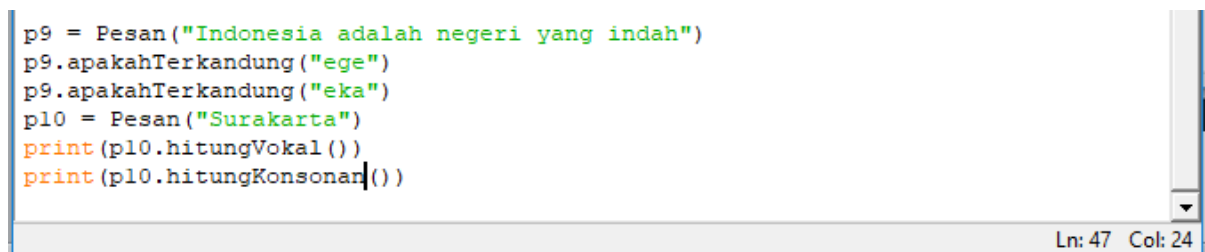
NIM = L200170152

Modul = 2

No.1



```
Python 2.7.13 Shell
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Python 2.7.13 (v2.7.13:a06454b1afal, Dec 17 2016, 20:42:59) [MSC v.1500 32 bit (Intel)] on win32
Type "copyright", "credits" or "license()" for more information.
>>>
RESTART: D:/KULIAH CORRY LUQMA/SEMESTER IV/PRAKTIKUM ALGOSTRUK/Modul 2/no1.py
true
false
4
5
>>> |
```



```
p9 = Pesan("Indonesia adalah negeri yang indah")
p9.apakahTerkandung("ege")
p9.apakahTerkandung("eka")
p10 = Pesan("Surakarta")
print(p10.hitungVokal())
print(p10.hitungKonsonan())
```

No.2

```
from nomor2 import Manusia
class Mahasiswa(Manusia):
    """Class Mahasiswa yang dibangun dai class Manusia"""
    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 bulannya'
        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

m9=Mahasiswa('Corry',152,'Cilacap',150000)
print(m9.ambilKota())
m9.perbaruiKota('Surakarta')
print(m9.ambilKota())
print(m9.ambilUang())
m9.tambahUang(50000)
print(m9.ambilUang())
```

No.3

```
class yang dibangun dari class manusia
def __init__(self, nama, NIM, kota, us):
    """Metode inisiasi ini menutupi metode inisiasi di class Manusia"""
    self.nama = nama
    self.nim = NIM
    self.kota = kota
    self.us = us
def __str__(self):
    s = self.nama +', NIM '+str(self.nim)\
      +'. Tinggal di '+ self.kota \
      +'. Uang saku Rp. '+ str(self.us)\
      +' tiap bulannya.'
    return s
def ambilNama(self):
    return self.nama
def ambilNim(self):
    return self.nim
def ambilUangSaku(self):
    return self.us
def tambahUangSaku(self, tambahUang):
    self.us = self.us + tambahUang
def ambilKotaTinggal(self):
    return self.kota
def perbaruiKotaTinggal(self, kotabaru):
    self.kota = kotabaru
def makan(self, s):
    """Metode ini menutupi metode 'makan'-nya class Manusia.
    Mahasiswa kalau sambil belajar ."""
    print("Saya baru saja makan",s,"sambil belajar")
    self.keadaan = 'kenyang'

#start
a = input("Masukkan nama: ")
b = input("Masukkan nim: ")
c = input("Masukkan kota tinggal: ")
d = input("Masukkan uang saku: ")

x = Mahasiswa(a,b,c,d)
#end
```

No.4

```
no4.py - D:/KULIAH CORRY LUQMA/SEMESTER IV/PRAKTIKUM ALGOSTRUK/Modul 2/no4.py...
File Edit Format Run Options Window Help

"""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)

m234 = Mahasiswa("Corry","Luqma","Zunira","152")
m234.ambilMK("Matematika Diskrit")
m234.listKuliah()
m234.ambilMK("Algoritma Struktur Data")
m234.listKuliah()

Python 2.7.13 Shell
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>>>
RESTART: D:/KULIAH CORRY LUQMA/SEMESTER IV/PRAKTIKUM ALGOSTRUK/Modul 2/no4.py
['Matematika Diskrit']
['Matematika Diskrit', 'Algoritma Struktur Data']
>>> |
```

No.5

```
no5.py - D:/KULIAH CORRY LUQMA/SEMESTER IV/PRAKTIKUM ALGOSTRUK/Modul 2/no5.py...
File Edit Format Run Options Window Help

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, matkul):
    return self.matkul.append(matkul)
def listKuliah(self):
    print(self.matkul)
def hapusKuliah(self, matkul):
    return self.matkul.remove(matkul)

mh3 = Mahasiswa("Corry","Luqma","Zunira","152")
mh3.ambilMK("Matematika Diskrit")
mh3.listKuliah()
mh3.ambilMK("Algoritma Struktur Data")
mh3.listKuliah()
mh3.hapusKuliah("Matematika Diskrit")
mh3.listKuliah()

Python 2.7.13 Shell
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>>>
RESTART: D:/KULIAH CORRY LUQMA/SEMESTER IV/PRAKTIKUM ALGOSTRUK/Modul 2/no5.py
['Matematika Diskrit']
['Matematika Diskrit', 'Algoritma Struktur Data']
['Algoritma Struktur Data']
>>> |
```

No.6

```
no6.py - D:/KULIAH CORRY LUQMA/SEMESTER IV/PRAKTIKUM ALGOSTRUK/Modul 2/no6.py...
File Edit Format Run Options Window Help

from nomor2 import Manusia

class SiswaSMA(Manusia):
    jurusan = "Kedokteran"
    univ = "UMS"
    def __init__(self, nama, nilai, umur):
        self.nama = nama
        self.nilai = nilai
        self.umur = umur
    def __str__(self):
        return "\n\nData Diri\n\n" \
            + "Nama : " + self.nama \
            + "\nNilai : " + self.nilai \
            + "\nUmur : " + self.umur \
            + "\nUniv Pilihan : " + self.univ \
            + "\nJurusan Pilihan : " + self.jurusan

siswa = SiswaSMA("Corry", "95", "20")
print(siswa)
```

```
Python 2.7.13 Shell
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Python 2.7.13 (v2.7.13:a06451b1af, Dec 17 2016, 20:42:59) [MSC v.1500 32 bit (Intel)] on win32
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>>>
RESTART: D:/KULIAH CORRY LUQMA/SEMESTER IV/PRAKTIKUM ALGOSTRUK/Modul 2/no6.py

Data Diri
Name : Corry
Nilai : 95
Umur : 20
Univ Pilihan : UMS
Jurusan Pilihan : Kedokteran
>>> |
```

Ln: 20 Col: 4

Ln: 14 Col: 4

21:45
13/03/2019