Nama : Luqman Hanung Asidiq

NIM : L200180035

Kelas : B

## Laporan Praktikum Algoritma dan Struktur Data Modul 2

1. 1.by - D/Kullah/Semester 4/Tugai Praktikum Algoritma dan Struktur Data/MODUL-02/Lpy (3.8.2)
File Edit Format Run Options Window Help.

class Pesan (object): - a × def \_\_init\_\_(self, kata): \_\_self.kata = kata def apakahTerkandung(self, bo): if bo in self.kata: :eturn Trum #b

def hitungKonsonaniself):
 vokal = "ATUBDalumo"
 v = 0
 for i hm self.kata:
 if i in vokal:
 v+=1
 kf = len(self.kata) - v
 istuen kf tc

of hitungVokal(self):

vokal = "AnHHOMALING"

v = 0

for i in self.kata:

if i in vokal:

v+=1

return v # 0 0 m a 0 0 0 0 0 0 0 E D Python 3.82 Sees
Fig. Eds Shell Debug Options Window Help
Fig. Eds Shell Debug Options Window Help
Fython 3.8.2 (tags/v3.8.2.Tb3ab59, Feb T5 D020, Z2:45:29) [MSC v.1916 32 bit (Intel)] on win32
Type "Melp", "copyright", "credits' or "license(|" for more information.

>>> PRSTART: D:/Rulish/Semester 4/Tugas Fraktinum Algoritms dam Struktur Data/MODUL-02/1.py
>>> pl0.apakahTerkandung (\*0ge\*)
Folia
>>> pl0.apakahTerkandung (\*0ge\*)

>>> pl0.bitungRonsonan()

>>> pl0.bitungRonsonan() ^ 📭 /6 d·l) ENG 1258 PM 📮 7 >>> pl0.hitungVokal() 7 >>> |

^ 📭 /Ē 40 ENG 100 PM 📮

2. Dsda

```
- a ×
             Readman = 'lapar'

of ini_(self, nana);
self.nana = nana
of ucopkundhalms[self);
relf.nana = nana
of ucopkundhalms[self];
of nakan (self, s)
self.neadman = 'kenyamg'
of clahraga(self, k)
print('Saya baru raja latihan', k)
self.kaadman = 'lapar'
of nengalikandengandhus(self, n);
rettin n='
ana Mahasinan (Manuria);
self.nana yang dibangun dari class Hahasiswa"**
             ***Manusana Manusana dari chas Mahasissa***

***Ciasy pang dibangun dari chas Mahasissa***

***Teccole iniziani ini menutupi metode inisiani di class Manusia***

self.nama e nama
ini self.nama e nama
a self.nama e nama
a self.nama e nama
a self.nama e nama
ini self.nama e nama
self.nama e nama e nama
self.nama e nama e na
              oef ambilKotaTinggal(self):
               ##b def perharuiRotaTinggal(self, newcity):
 ^ 100 /€ ¢() ENG 10:11 PM □
m7 - Mahasiswa('Lugran', 421, 'Sukoharjo', 745000)
m8 - Mahasiswa('Angkin', 785, 'Womogiri', 455000)
m9 - Mahasiswa('Iffa', 416, 'Klaten', 20490000)
^ No /6 40 ENG 10:11 PM □
```

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- a ×
     ↑ No AS 40 ENS 10:11 PM □
     3.
     | 2 toy - D\Kaisin\Semester 4\Dugas Praktisum Algoritma dan Strattur Data\MODUL-G2\3py (38.2)
| File Edit Format Run Options Window Help
| class Manusia (Object) |:
| """(lass \Manusia (Obje
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  - a ×
                                 rendamn = 'impar'

self.nama = nama
self.nama = nama
selv.ucapkanañam/self.;
print('Salam, namaki', self.nama)
mf nakan(self, b): nasje makan', s)
self.kendamn = 'beryamy'
de Colahraga(self, k):
print('Saya beru saja latihan', k)
self.kendama = 'lapan'
de nengalikanGenganDua(self, n):
setten by
                        lass Mahasiswa (Manusia):
"""Class yang dibangun dari class Mahasiswa"""
                                      def init (self, nama, NIM, kota, us);
"Metode inisiasi in ammutupi aetode inisiasi di class Manusia""
self.nama = nama
self.nim = NIM
self.kota = kota
self.ua = us
                                      return s

of ambilikama (self):
    sturm self.nama
    ambilikama (self):
    return self.nam
    cambilikama (self):
    return self.nim
    cambilikama (self):
    return self.nim
    self.us + cambabuangsaku;
    self.us + cambabuangsaku;
    self.us = self.us + cambabuangsaku;
    self.us +
```

^ 100 /€ di ENG 10:12 PM □

```
    B. Ley - Di.Kullahi/Semeder 4/Tugas Praidikum Algorithma dan Sinustur Data/MODUL-02/Lay (3.8.2)
    File Edit Format Run Options: Window Help
    self.ik-keddaan * Lapas*!
    def neogalilkanDeganDua (self, n.):
        return n°2
        return n°4
        return n°4

                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    - a ×
              iass Mahasiswa (Manusia):
"""Class yang dibangun dari class Mahasiswa"""
                             det int (self, mena, MIM, kota, up);

"""mpercode initial in menutupi metode inisiasi di class Mamusia""
self.nome nome
self.nim = NIM
self.kota = kota
self.us = up
                             def ambilMand (self):
    return self.nams
    be ambilMand (self):
    return self.nams
    be ambilMand (self):
    return self.us
    return se
    e = input("Masukkan nams: ")
b = input("Masukkan mim: ")
c = input("Masukkan kota tinggal( ")
d = input("Masukkan uang saku: ")
       e - Mahasiswa(a,b,c,d)
print (e)
  ^ 100 /6 40 ENS 10:12 PM □
  Python 382 Shell
File Edit Shell Debug Options Window Help
Fython 3.8.2 (tags/v3.8.2:Tb3ab59, Feb 25 2020, 22:45:29) [MSC v.1916 32 bit (Intel)] on win32
Type "help", "copyright", "credits" or "license()" for more information.

- RESTRAT: D:\Nullah\Semester 4\Tugas Praktikum Algoritma dan Struktur Data\MOCUL-02\3.py
Masukkan nama: Lugman
Masukkan nin: 1200180035
Masukkan nama tinggal: suxboharjo
Masukkan uang saku: 120000
Nama lugman, NIM 1200180035. Tinggal di sukoharjo. Uang saku Rp. 120000 tiap bulannya.

>>>|
```

```
- a ×
                        imi_in_(celf, nama);
self.name = name
sfl.name = name
sfl.capkmanalam[self];
print("Selam, namaka", self.nama)
sf naknotes[f, s);
print("Saya hare saja makan", s)
er clainagaself, ki;
print("Saya hare saja latihan", k)
self.kasadaan = "lapa";
self.namakan = "lapa";
self
             Mahasiswa (Manusia):
                          def _inic_(self, nama, NIM, Nota, us, lk = []):

""Metode inisiasi ini memutupi metode inislasi di class Manusia""
self.nama = nama
self.nim = NIM
self.Nota = Nota
self.us = us
self.us = us
self.us = us
                        set str (self):
    self.nama *, NIM '*str(self.nim)\
    self.nama *, NIM '*str(self.nim)\
    *! Simpal of '* self.kota \
    *! Umay saku Rp. '* str(self.us)\
    *! tiap bulannya,
    **tiap bulannya,
                        of abilixma(self):
    "rturn self.nama
    "abilixma(self):
    "rturn self.nama
    "abilixma(self):
    "abilixma(self):
    "truth self.us
    "abilixmafaingal(self):
    "truth self.kota
    "pethariixforalingal(self):
    "self.kota = nawcity
    self.kota = nawcity
  Apy - Dikusah/Semester 4/Tugas Praktikum Algoritm
File Edit Format Run Options Window Help
self.keedean - 'Ispat'
of mengalikanDeeganDua(self, n);
return n°2
                 ass Mahasiswa (Manusia):
"""Class yang dibangun dari class Mahasiswa""
                        def __init__iself, name, NIM, kota, us, lk = []):
*****mercode initiaal lin menutupi metode inisiasi di class Manusia***
self.name = name
self.name = NIM
self.kota = kota
self.us = us
self.listkullah = lk
                          return s

the abblishma(self):
return self.coms

the abblishma(self):
return self.coms

the abblishma(self):
return self.us

the abblishma(self):
return self.us

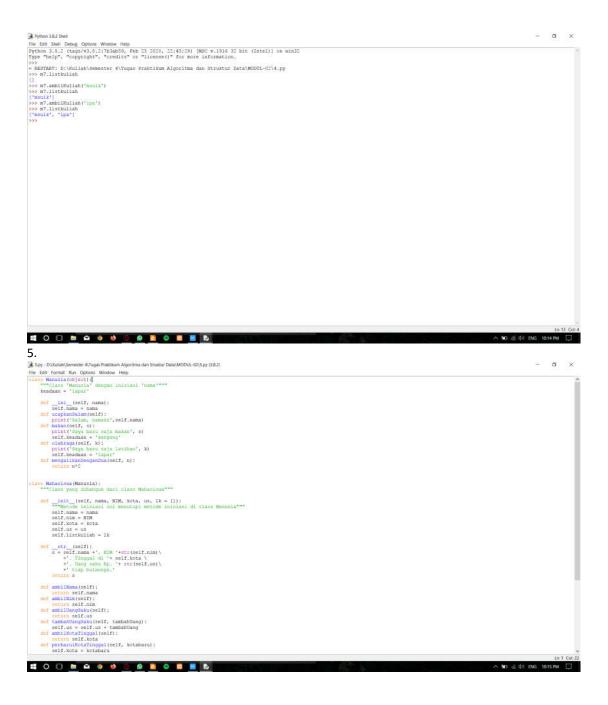
self.us -self.us + tambabblangSaku):
self.us -self.us + tambabblangSaku

of abblishmafungaku(self):
return self.kota

preturcitionstringua(self):
return self.kota

the self.cota

the se
                               def ambilKuliah(self, ambilkuliah):
    self.listkuliah.append(ambilkuliah)
    m7 - Mahasiswa('Lugran', 421, 'Sukoharjo', 745000)
m8 - Mahasiswa('Angkin', 785, 'Womogiri', 455000)
m9 - Mahasiswa('Iffa', 416, 'Klaten', 20490000)
```



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♣ 5.py - DAMilathSemester 4/Tugas Praktikum Algoritma dan Struktur Data/MODIJL-02/S.py (3.8.2)
File: Edit Format Bun Options Window Help.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     - a ×
           class Mehaniswa (Manusia):
"""Class yang dibengun dari class Mahaniswa"""
                             oef _init_ iself, name, NIM. Rota, us, lk = []):

"""Metode inisias! ini memutupi metode inisias! di class Mamunia""
self.name - nama
self.nim = NIM
self.kota - kota
self.us - us
self.lus - us
self.lus lus
                             ost__str_(self):

s = self.nama *'. BIM '*str(self.nim)\
*'. Tingual di '* self.kota \
*'. Mang saku Rp. '* str(self.cs)\
*' tiap bulannya.'
                        is debilisma (self):
    return self.nema

of abblismingel[0]:
    return self.nema

of abblismingel[0]:
    return self.nem

of tabblismingel[0]:
    return self.us

of tabblismingel[0]:
    self.us * cambablisming

of abblismingel[0]:
    return self.us * cambablisming

of perhantismingel[0]:
    return self.kota

of perhantismingel[0]:
    return self.us

of perhantismingel[0]:

                             def hapustistmulahtself, hapus);
for x in self.listkuliah;
if hapus in self.listkuliah;
self.listkuliah;
print("Maaf mata kuliah tidak ada dalam list mata kuliah yang disebil")
      m7 - Mahasiswa('Lugran', 421, 'Sukoharjo', 745000)
m8 - Mahasiswa('Angkin', 785, 'Womogiri', 455000)
m9 - Mahasiswa('iffa', 416, 'Klaten', 20490000)
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# Python 12150es

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Fython 3.8.2 (tags/03.6.2:TB5bab56, Feb 25 2010, 22:85:29) [MSC v.1916 27 bit (Intel)] on win32

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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             ∴ NO 66 41 ENG 10:19 PM □
```

```
- a ×
      definate = input

met ini, (self, nama);
metf.nama = nama
nt. ucapkanalam(self);
print("selmm, namaku", self.nama)
mf nakan(self, s);
metf.self, namaku", self.nama)
mf nakan(self, k);
print("saya beru saja latihan", k)
metf.senadan = "lapan"
mf mengalikandengannua(self, n);
settin self.self.self.
     lars SirwaSMA (Manusia):

def init (self, nama, NIS, umur, us):

"""Mecodo misiani ini menutupi metode inisiasi di class Manusia"""

celf, nama = nama
pelf, nis = NIS
celf.umur = crumr
pelf, nur = us
      ^ 100 /6 40 ENG 1027 PM □
Phon 12 Tem
File Edit Shell Debag Options Window Hoto
File Edit Shell Debag Options Window Hoto
File Too 1.2. (tags/v3.8.3:Tb3ab56, Feb 25 2020, 22:45:25) [MSC v.1916 32 bit (Intel)] on win32
Type "help", "copyright", "credits" or "license(f" for more information.

- RESTART: Debuglialn\Senester 4\Tupas Fraktium Algoritms dan Struktur Bata\MCOUL-07\6.py
>> print(5)
nama lowand, MIS 213, user 21, Useng saku Rp. 100000 tiap minggunya.

>>> a.mbilinama(f)
'liognan'
>>> a.mbilinim(f)
213
a.ambilinangsaku(f)
200000

>>> a.ambilunngsaku(f)
200000
```

