

Nama : Dwiky Nugraha

NIM : L200170154

Kelas : D

Modul : 2

1. A

```
Python 3.7.2 Shell
File Edit Shell Debug Options Window Help
Python 3.7.2 (tags/v3.7.2:9a3ffc0492, Dec 23 2018, 23:09:28) [MSC v.1916 64 bit (AMD64)] on win32
Type "help", "copyright", "credits" or "license()" for more information.
>>>
=== RESTART: C:\Users\ASUS\Desktop\Kuliah\Sem 4\Algoritma\modul 2\test.py ===
>>> p9=Pesan("Indonesia adalah negeri yang indah")
>>> p9.apakahTerkandung('ege')
True
>>> p9.apakahTerkandung('eka')
False
>>> |
```

B & C

```
Python 3.7.2 Shell
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Python 3.7.2 (tags/v3.7.2:9a3ffc0492, Dec 23 2018, 23:09:28) [MSC v.1916 64 bit (AMD64)] on win32
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>>>
=== RESTART: C:\Users\ASUS\Desktop\Kuliah\Sem 4\Algoritma\modul 2\test.py ===
>>> p10=Pesan('Surakarta')
>>> p10.hitungKonsonan()
5
>>> p10.hitungVokal()
4
>>> |
```

2. Menambah metode

```
Python 3.7.2 Shell
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Type "help", "copyright", "credits" or "license()" for more information.
>>>
=== RESTART: C:\Users\ASUS\Desktop\Kuliah\Sem 4\Algoritma\modul 2\test.py ===
>>> m9=Mahasiswa("Dwiky Nugraha",154,"Samarinda",30000)
>>> m9.ambilKotaTinggal()
'Samarinda'
>>> m9.perbaruiKotaTinggal("Surakarta")
>>> m9.ambilKotaTinggal()
'Surakarta'
>>> m9.ambilUangSaku()
30000
>>> m9.tambahUangSaku(50000)
>>> m9.ambilUangSaku()
80000
>>> |
```

3. Memberikan input

```
Python 3.7.2 Shell
File Edit Shell Debug Options Window Help
Python 3.7.2 (tags/v3.7.2:9a3ffc0492, Dec 23 2018, 23:09:28) [MSC v.1916 64 bit (AMD64)] on win
Type "help", "copyright", "credits" or "license()" for more information.
>>>
=== RESTART: C:\Users\ASUS\Desktop\Kuliah\Sem 4\Algoritma\modul 2\test.py ===
Masukan nama Anda      : Dwiky Nugraha
Masukan NIM Anda       : 154
Masukan kota asal Anda  : Samarinda
Masukan uang saku Anda : 30000
>>> print(mx)
Dwiky Nugraha, NIM 154. Tinggal di Samarinda. Uang Saku 30000 tiap bulannya.
>>> |
```

4. Menambahkan list

```
Python 3.7.2 Shell
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Type "help", "copyright", "credits" or "license()" for more information.
>>>
=== RESTART: C:\Users\ASUS\Desktop\Kuliah\Sem 4\Algoritma\modul 2\test.py ===
>>> m=Mahasiswa("Dwiky Nugraha",154,"Samarinda",30000)
>>> m.listKuliah()
[]
>>> m.ambilKuliah('Matematika Diskrit')
>>> m.listKuliah()
['Matematika Diskrit']
>>> m.ambilKuliah('Algoritma dan Struktur Data')
>>> m.listKuliah()
<bound method Mahasiswa.listKuliah of <__main__.Mahasiswa object at 0x000001FBE24BD908>>
>>> m.listKuliah()
['Matematika Diskrit', 'Algoritma dan Struktur Data']
>>> |
```

5. Menghapus isi list

```
Python 3.7.2 Shell
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Type "help", "copyright", "credits" or "license()" for more information.
>>>
=== RESTART: C:\Users\ASUS\Desktop\Kuliah\Sem 4\Algoritma\modul 2\test.py ===
>>> m=Mahasiswa("Dwiky Nugraha",154,"Samarinda",30000)
>>> m.ambilKuliah('Matematika Diskrit')
>>> m.ambilKuliah('Algoritma dan Struktur Data')
>>> m.listKuliah()
['Matematika Diskrit', 'Algoritma dan Struktur Data']
>>> m.hapusKuliah('Matematika Diskrit')
>>> m.listKuliah()
<bound method Mahasiswa.listKuliah of <__main__.Mahasiswa object at 0x0000017D9283C908>>
>>> m.listKuliah()
['Algoritma dan Struktur Data']
>>> |
```

6. Membuat class SiswaSMA dengan metode baru

```
Python 3.7.2 Shell
File Edit Shell Debug Options Window Help
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Type "help", "copyright", "credits" or "license()" for more information.
>>>
=== RESTART: C:\Users\ASUS\Desktop\Kuliah\Sem 4\Algoritma\modul 2\test.py ===
>>> s=SiswaSMA("Dwiky Nugraha",170154,"SMAN 5 Samarinda")
>>> s.pilihanUniv()
Update Data
Masukan Universitas Pilihan : UMS
Masukan Jurusan Pilihan : Informatika
>>> print(s)
Dwiky Nugraha, NISN 170154. Sekolah di SMAN 5 Samarinda
>>> s.tampilPilihan()
Pilihan Anda UMS dengan Jurusan Informatika .
>>> |
```