

## Algostruk Modul 3

1.

```
Python 3.8.2 Shell
File Edit Shell Debug Options Window Help
Python 3.8.2 (tags/v3.8.2:7b3ab59, Feb 25 2020, 22:45:29) [MSC v.1916 32 bit (Intel)] on win32
Type "help", "copyright", "credits" or "license()" for more information.
>>>
= RESTART: C:/Users/dakeyay/AppData/Local/Programs/Python/Python38-32/modul3.py
>>> cekMatriks(m1)
True
>>> ukuran(m1)
Ukuran Matriks = 2 x 2
>>> jumlah(m1,m2)
[3, 7, 5, 7]
>>> kali(m1,m2)
[18, 14, 21, 13]
>>> determinan(m1)
-6
>>> determinan(m2)
10
>>>
```

2.

```
Python 3.8.2 Shell
File Edit Shell Debug Options Window Help
Python 3.8.2 (tags/v3.8.2:7b3ab59, Feb 25 2020, 22:45:29) [MSC v.1916 32 bit (Intel)] on win32
Type "help", "copyright", "credits" or "license()" for more information.
>>>
= RESTART: C:/Users/dakeyay/AppData/Local/Programs/Python/Python38-32/modul3.py
>>> buatNol(3,2)
[[0, 0, 0], [0, 0, 0]]
>>> buatNol(2)
Traceback (most recent call last):
  File "<pyshell#1>", line 1, in <module>
    buatNol(2)
TypeError: buatNol() missing 1 required positional argument: 'n'
>>> buatNol2(2)
[[0, 0], [0, 0]]
>>> buatIdentitas(3)
[[1, 0, 0], [0, 1, 0], [0, 0, 1]]
>>> |
```

### 3.

```
Python 3.8.2 Shell
File Edit Shell Debug Options Window Help
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>>>
= RESTART: C:/Users/dakekay/AppData/Local/Programs/Python/Python38-32/modul3.py
>>> l.cetak()
11
12
13
>>> l.cari(12)
Check data!
Data ditemukan!
Check data!
>>> l.tambahDepan(30)
>>> l.cetak()
30
11
12
13
>>> l.tambahAkhir(40)
>>> l.cetak()
30
11
12
13
40
>>> l.tambah(l.head.next,50)
>>> l.cetak()
30
11
50
12
13
40
>>> l.hapus(12)
>>> l.cetak()
30
11
50
13
40
>>>
```

Ln: 41 Col: 4

4.

```
Python 3.8.2 Shell
File Edit Shell Debug Options Window Help
= RESTART: C:/Users/dakekay/AppData/Local/Programs/Python/Python38-32/modul3.py
>>> l2.cetak(l2.head)

Dari Depan
21
22
23

Dari Belakang
23
22
21
>>> l2.simpulAwal(100)
>>> l2.cetak(l2.head)

Dari Depan
100
21
22
23

Dari Belakang
23
22
21
100
>>> l2.simpulAkhir(200)
>>> l2.cetak(l2.head)

Dari Depan
100
21
22
23
200

Dari Belakang
200
23
22
21
100
>>> |
```

Ln: 46 Col: 4