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MODUL 3

No 1.

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Python 3.7.0 Shell
File Edit Shell Debug Options Window Help
Python 3.7.0 (v3.7.0:1bf9cc5093, Jun 27 2018, 04:06:47) [MSC v.1914 32 bit (Intel)]
Type "copyright", "credits" or "license()" for more information.
>>>
===== RESTART: C:\Users\LENOVO\Downloads\modul_3.py =====
>>> a=[[3,1],[2,5]]
>>> b=[[7,5],[6,4]]
>>> c=[[7,5,8],[6,4]]
>>> d=[[7,5,8],[6,4]]
>>> e=[[7,5,8,'a'],[6,4]]
>>> t=pertama()
>>> t.konsisten(a)
matriks konsisten
True
>>> t.konsisten(b)
matriks konsisten
True
>>> t.konsisten(c)
matrik tidak konsisten
True
>>> t.konsisten(e)
matrik tidak konsisten
Traceback (most recent call last):
  File "<pyshell#9>", line 1, in <module>
    t.konsisten(e)
  File "C:\Users\LENOVO\Downloads\modul_3.py", line 16, in konsisten
    assert isinstance(i,int),"harus integer"
AssertionError: harus integer
>>> print(t.Jml(a,b))
[[10  6]
 [ 8  9]]
>>> print(t.Kali(a,b))
[[27, 19], [44, 30]]
>>> print(t.det(a))
13.0
>>> t.ukuran(a)
'Ukuran Matrix berordo 2 x 2'
>>> |
```

No 2

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>>>
===== RESTART: C:\Users\LENOVO\Downloads\modul_3.py =====
>>> t=kedua()
>>> t.buatNol(3,2)
[[0, 0, 0], [0, 0, 0]]
>>> t.buatIdentitas(3)
[[1, 0, 0], [0, 1, 0], [0, 0, 1]]
>>> t.buatnol(3)
[[0, 0, 0], [0, 0, 0], [0, 0, 0]]
>>> |
```

No 3

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Python 3.7.0 Shell
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Python 3.7.0 (v3.7.0:1bf9cc5093, Jun 27 2018, 04:06:47) [MSC v.1914 32 bit (Intel)] on win32
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>>>
===== RESTART: C:\Users\LENOVO\Downloads\modul_3.py =====
>>> a=linkedList(10)
>>> b=linkedList(20)
>>> c=linkedList(30)
>>> d=linkedList(40)
>>> a.next=b
>>> b.next=c
>>> c.next=d
>>> linked=LinkedList()
>>> linked.head=a
>>> linked.tail=b
>>> x=linkedList(13)
>>> linked.tambahDepan(x)
>>> linked.listprint()
[13, 10, 20, 30, 40]
>>> print(linked.head.data)
13
>>> y = linkedList(70)
>>> linked.tambahAkhir(y)
>>> linked.listprint()
[13, 10, 20, 70]
>>> print(linked.tail.data)
70
>>> z=linkedList(33)
>>> linked.tambah(z,2)
>>> linked.listprint()
[13, 33, 10, 20, 70]
>>> print('data setelah dihapus')
data setelah dihapus
>>> linked.hapus(1)
>>> linked.listprint()
[13, 10, 20, 70]
>>> |
```

No 4

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>>>
===== RESTART: C:\Users\LENOVO\Downloads\modul_3.py =====
>>> list = DoublyLinkedList()
>>> list.awal(7)
menambah pada awal 7
>>> list.awal(1)
menambah pada awal 1
>>> list.akhir(6)
menambah pada akhir 6
>>> list.akhir(4)
menambah pada akhir 4
>>> list.printList(list.head)

Dari Depan :
1
7
6
4

Dari Belakang :
4
6
7
1
>>>
```