

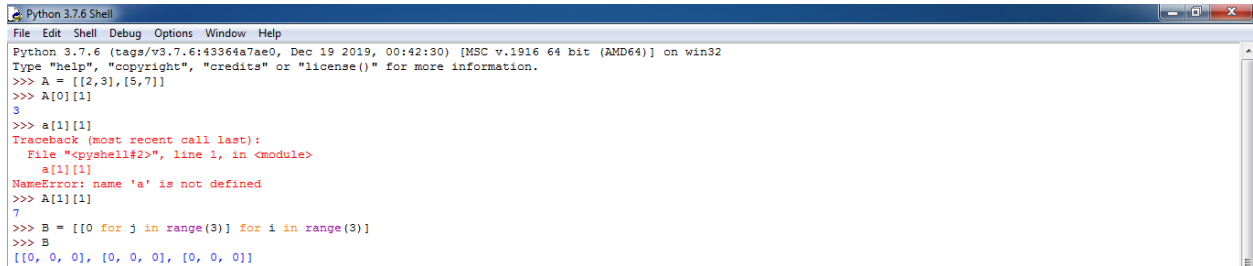
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Kelas : E

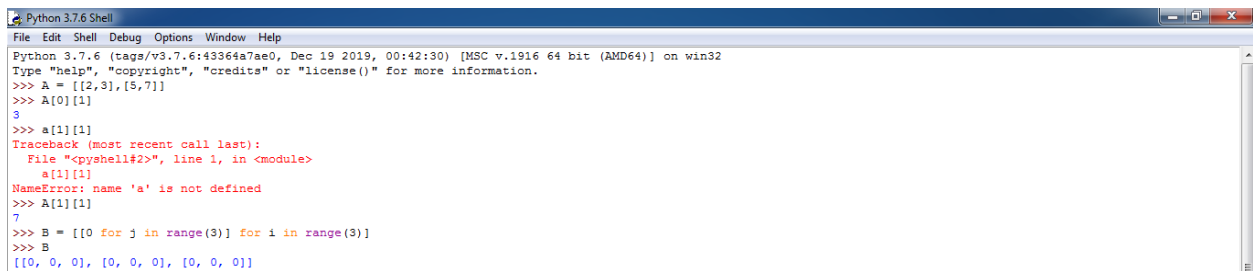
Latihan :

Soal nomor 1 :



```
Python 3.7.6 Shell
File Edit Shell Debug Options Window Help
Python 3.7.6 (tags/v3.7.6:43364a7ae0, Dec 19 2019, 00:42:30) [MSC v.1916 64 bit (AMD64)] on win32
Type "help", "copyright", "credits" or "license()" for more information.
>>> A = [[2,3],[5,7]]
>>> A[0][1]
3
>>> a[1][1]
Traceback (most recent call last):
  File "<pyshell#2>", line 1, in <module>
    a[1][1]
NameError: name 'a' is not defined
>>> A[1][1]
7
>>> B = [[0 for j in range(3)] for i in range(3)]
>>> B
[[0, 0, 0], [0, 0, 0], [0, 0, 0]]
```

Soal nomoer 2:



```
Python 3.7.6 Shell
File Edit Shell Debug Options Window Help
Python 3.7.6 (tags/v3.7.6:43364a7ae0, Dec 19 2019, 00:42:30) [MSC v.1916 64 bit (AMD64)] on win32
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>>> B
[[0, 0, 0], [0, 0, 0], [0, 0, 0]]
```

Soal nomer 3 :

```
Python 3.7.6 Shell
File Edit Shell Debug Options Window Help
11
>>> print(a.next.data)
52
>>> print(a.next.next.data)
18
>>>
===== RESTART: C:/Users/LABSI-19/Documents/modeul3.py =====
>>>
===== RESTART: C:/Users/LABSI-19/Documents/modeul3.py =====
<_main__Node object at 0x000000002F649C8>
52
18
Traceback (most recent call last):
  File "C:/Users/LABSI-19/Documents/modeul3.py", line 24, in <module>
    kunjungi(a)
NameError: name 'kunjungi' is not defined
>>>
===== RESTART: C:/Users/LABSI-19/Documents/modeul3.py =====
<_main__Node object at 0x000000002F64AC8>
52
18
Traceback (most recent call last):
  File "C:/Users/LABSI-19/Documents/modeul3.py", line 24, in <module>
    kunjungi(a)
NameError: name 'kunjungi' is not defined
>>>
===== RESTART: C:/Users/LABSI-19/Documents/modeul3.py =====
<_main__Node object at 0x0000000003IAC308>
52
18
Traceback (most recent call last):
  File "C:/Users/LABSI-19/Documents/modeul3.py", line 23, in <module>
    kunjungi(a)
NameError: name 'kunjungi' is not defined
>>>
===== RESTART: C:/Users/LABSI-19/Documents/modeul3.py =====
Traceback (most recent call last):
  File "C:/Users/LABSI-19/Documents/modeul3.py", line 23, in <module>
    kunjungi(a)
NameError: name 'kunjungi' is not defined
>>>
===== RESTART: C:/Users/LABSI-19/Documents/modeul3.py =====
11
Ln: 28 Col: 2

'modeul3.py - C:/Users/LABSI-19/Documents/modeul3.py (3.7.6)'
File Edit Format Run Options Window Help
class Node(object):
    def __init__(self, data, next=None):
        self.data = data
        self.next = next

    def kunjungi(head):
        curNode = head
        while curNode is not None:
            print(curNode.data)
            curNode = curNode.next

a = Node(11)
b = Node(52)
c = Node(18)

a.next = b
b.next = c

print(a.next)
print(a.next.data)
print(a.next.next.data)

#kunjungi(a)

class DNode(object):
    def __init__(self, data):
        self.data = data
        self.next = None
        self.prev = None
Ln: 25 Col: 0
```

Soal nomer 4 :

```
Python 3.7.6 Shell
File Edit Shell Debug Options Window Help
Python 3.7.6 (tags/v3.7.6:43364a7ae0, Dec 19 2019, 00:42:30) [MSC v.1916 64 bit (AMD64)] on win32
Type "help", "copyright", "credits" or "license()" for more information.
>>> A = [[2,3],[5,7]]
>>> A[0][1]
3
>>> a[1][1]
Traceback (most recent call last):
  File "<pyshe1l#2>", line 1, in <module>
    a[1][1]
NameError: name 'a' is not defined
>>> A[1][1]
7
>>> B = [[0 for j in range(3)] for i in range(3)]
>>> B
[[0, 0, 0], [0, 0, 0], [0, 0, 0]]
>>>
===== RESTART: C:/Users/LABSI-19/Documents/modeul3.py =====
>>> a = Node(11)
>>> b = Node(52)
>>> c = Node(18)
>>> a.next = b
>>> b.next = c
>>> print(a.data)
11
>>> print(a.next.data)
52
>>> print(a.next.next.data)
18
>>>
===== RESTART: C:/Users/LABSI-19/Documents/modeul3.py =====
>>>

'modeul3.py - C:/Users/LABSI-19/Documents/modeul3.py (3.7.6)'
File Edit Format Run Options Window Help
class Node(object):
    def __init__(self, data, next=None):
        self.data = data
        self.next = next

    def kunjungi(head):
        curNode = head
        while curNode is not None:
            print(curNode.data)
            curNode = curNode.next

a = Node(11)
b = Node(52)
c = Node(18)

a.next = b
b.next = c

print(a.next)
print(a.next.data)
print(a.next.next.data)

kunjungi(a)

class DNode(object):
    def __init__(self, data):
        self.data = data
        self.next = None
        self.prev = None
Ln: 25 Col: 0
```

Soal nomer 5 :



Nomer 3 :

```
>>> lk = linkedList()
>>> lk.tambahAkhir(11)
>>> lk.tambahAkhir(12)
>>> lk.tambahAkhir(13)
>>> lk.cetak()
11
12
13
>>> lk.tambahDepan(10)
>>> lk.cetak()
10
11
12
13
>>> lk.hapus(12)
>>> lk.cetak()
10
11
13
>>> lk.tambah(lk.head.next,12)
>>> lk.cetak()
10
11
12
13
.. . . . .
```

Nomer 4 :

```
>>> db = doublell()
>>> db.simpulAkhir(11)
>>> db.simpulAkhir(12)
>>> db.simpulAkhir(13)
>>> db.cetak(db.head)

Dari Depan
11
12
13

Dari Belakang
13
12
11
>>> db.simpulAwal(10)
>>> db.cetak(db.head)

Dari Depan
10
11
12
13

Dari Belakang
13
12
11
10
```