

Nama : Ismi Dzikrina

NIM : L200180010

Kelas : A

Matkul : Praktikum Algoritma Dan Struktur Data

LATIHAN MODUL 3

COLLECTIONS, ARRAYS, DAN LINKED STRUCTURE

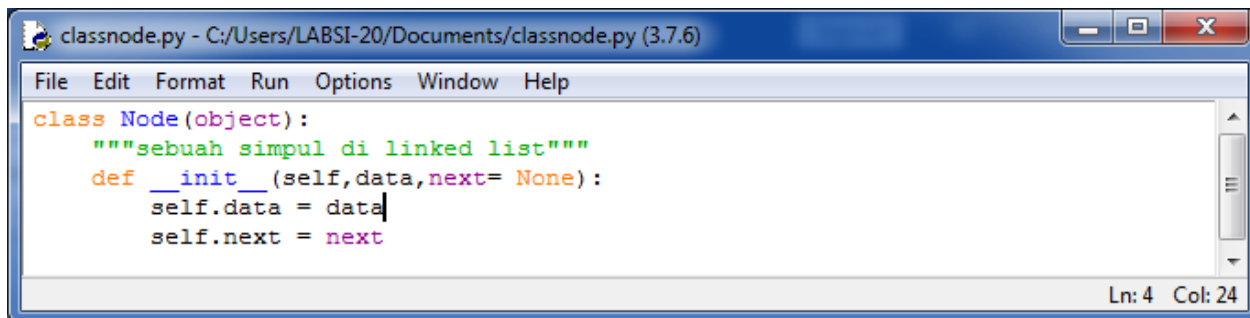
1. Latihan 3.1

```
>>> A = [[2,3],[5,7]]
>>> A[0][1]
3
>>> A[1][1]
7
```

2. Latihan 3.2

```
>>> B = [[0 for i in range(3)] for i in range(3)]
>>> B
[[0, 0, 0], [0, 0, 0], [0, 0, 0]]
```

3. Latihan 3.3



```
===== RESTART: C:/Users/I
>>> 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
,
```

```
classnode.py - C:/Users/LABSI-20/Documents/classnode.py (3.7.6)
File Edit Format Run Options Window Help
class Node(object):
    """sebuah simpul di linked list"""
    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
Ln: 12 Col: 0
```

```
>>> a = Node(11)
>>> kunjungi(a)
11
.
```

```
DNode.py - C:/Users/LABSI-20/Documents/DNode.py (3.7.6)
File Edit Format Run Options Window Help
class DNode(object):
    def __init__(self,data):
        self.data =data
        self.next = None
        self.prev = None
Ln: 7 Col: 0
```

```
===== RESTART: C
>>> a = DNode("Dono")
>>> b = DNode("kasino")
>>> c = DNode("indro")
>>> a.next = b
>>> b.next = c
>>> b.prev = a
>>> c.prev = b
>>> print(a.data)
Dono
>>> print(a.next.data)
kasino
>>> print(b.data)
kasino
>>> print(b.next.data)
indro
>>> print(c.data)
indro
>>> print(c.prev.data)
kasino
.
```