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Modul 3

Algoritma dan Struktur Data

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Modul 3 Soal 1.py - C:\Users\asus\Downloads\Modul 3 Soal 1.py (3.8.0)
for x in range(0, len(1)):
    for y in range(0, len(1[0])):
        print (1[x][y], end=' ')
    print ()
else:
return "tidak bisa dihitung determinan, bukan matrix bujursangkar"
       return "tidak bisa dihitung determinan, bukan matrix bujursangk
else:
return "tidak bisa dihitung determinan, bukan matrix bujursangkar"
return total
ambil(h)
ambil(y)
pastikan(h)
pastikan(y)
penjumlahan(h)
perkalian(h)
determinan(h)
                                                                            🗞 *Modul 3 Soal 2.py - C:\Users\asus\Downloads\Modul 3 Soal 2.py (3.8.0)*
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def buatNol(n.m=None):
    inf(m=None):
    im=n
    print("membuat matriks 0 dengan ordo "+str(n)+"x"+str(m))
    print([[0 for j in range(m)] for i in range(n)])
def buatdentias(m):

for i in range(0,m):

for j in range(0,m):

if (i==):

print("1",end=" ")

else:

print("0",end=" ")

buatNol(4,4)

buatNol(3)

buatIdentias(4)
                                                                            Download: ... MB/s ∧ 📭 (€ Ф)) 💋 🚃 23:18 📮
```

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Class Node:

def _init (self, data):
    self.data = data
    self.next = None

class LinkedList:
    def _init (self):
        self.head = None

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    def _init (self):
        self.head = None

def tambahDepan(self, new data):
        new_node = Node(new data)
        new_node = Node(self):
        self.head = new_node

def tambahNahir(self, data):
    if (self.head == None):
        self.head = Node(data)

else:
        current = self.head

    while (current.next t = None):
        current = current.next
        current = current.next

        current = self.head

def tambah (self, data, pos):
        node = Node(data)

if not self.head = node

else:
    prev = None
        current = self.head

current_pos = 0

    while (current_pos < pos) and current.next:
        prev = None
        current = current.next
        current = current.next
        current = self.head

current_pos = 1
    node.next = prev.next
        prev = current
        current = current.next

        current = current.next
        current_pos +=1
        node.next = prev.next
        prev.next = node

return self.head

def happus(self, position):
    if self.head = None:
        return

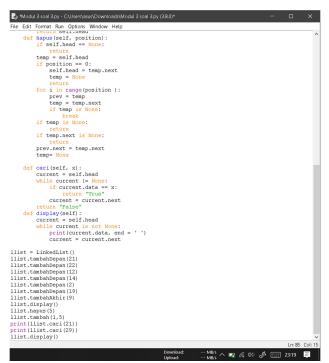
temp = self.head

fop sition == 0:
        self.head = temp.next
        temp = Sone

        return

for i in range(position):
        in range(position):
        return

for i in range(position):
```



```
File Edit Format Run Options Window Help

class Node:

def __init__(self, data):
    self.data = data
    self.prev = None

class DoublyLinkedList:

def __init__(self):
    self.head = None

def awal(self, new data):
    print("Mennahoh) pada awal", new_data)
    new_node = Node (new_data)
    if elf.head is not None:
    self.head in not None:
    self.head,prev = new_node

def akhir(self, new data):
    print("Mennahoh) pada akhir", new_data)
    new_node = Node(new_data):
    print("Mennahoh) pada akhir", new_data)
    new_node = Node(new_data):
    new_node = Node(new_data)
    new_node = Node(new_data)
    new_node = None:
    new_node = None:
    new_node = None:
    new_node = new_node

teturn

last = self.head is None:
    new_node.prev = None
    self.head is None:
    new_node.prev = None
    last = last.next
last.next = new_node
    return

last = self.head
while(last.next is not None):
    last = last.next
last.next = new_node
    new_node.prev = last
    return

def print("Nort) Depan: ")
    while (node is not None):
    print(" & d" % indee.data))
    last = node
    node = node.next
    print("\Nort) Depan :")
    while (last is not None):
    print("\Nort) Selakang:")
    while (last is not None):
    print("\Nort) Selakang:")
    while (last is not None):
    print(" \data = last.prev

llist = NoublytinkedList()
llist.awal(?)
llist.awal(?)
llist.awal(?)
llist.awal(?)
llist.akhir(4)
llist.printList(llist.head)
```