Modul 3

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Modul 3.py - C:\Users\GL63\Desktop\Algostruk\Modul 3.py (3.8.2)
                                                                                                                                                   File Edit Format Run Options Window Help
            [4 ,5,6],
[1,3,4]]
   y = [[5,8,1],
[6,7,3],
[2,5,3]]
    kall(x,y):
    a=[]
    for i in range(0, len(x)):
        row = []
        for j in range(0, len(x[0])):
            total = 0
            for z in range(0, len(x)):
                total = total + (x[i][z] * y[z][j])
            row_append(total)
                  row.append(total)
a.append(row)
          for i in range(0, len(a)):
    for j in range(0, len(a[0])):
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                                                                                                                                              - □ ×
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               print (a[i][j], end='
kali(x,y)
 def determinan(x):
    d=(x[0][0]*x[1][1])-(x[0][1]*x[1][0])
    print(d)
a=[[2,3],[4,5]]
determinan(a)
 def buatNol(x,y):
    a=[[0 for i in range(x)] for j in range(y)]
    print("Array: ",a)
    print("Matrik:")
    for i in range(len(a)):
        for j in range(len(a[0])):
            print(a[i][j], end=' ')
        print()
 def buatNol2(x):
    a=[[0 for i in range(x)] for j in range(x)]
    print("Array: ",a)
    print("Matrik:")
    for i in range(len(a)):
        for j in range(len(a[0])):
            print(a[i][j], end=' ')
    print()
       ldentitas(x):
a=[[1 if j==i else 0 for i in range(x)] for j in range(x)]
print(a)
print("-----")
for i in range(len(a)):
    for j in range(len(a[0])):
                                                                                                                                                           Ln: 1 Col: 0
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                                                                                                                                  File Edit Format Run Options Window Help
                         int(a[i][j], end='
identitas(5)
class Node():
    def __init__(self,data,next=None):
        self.data=data
        self.next=next
 def cari(head,x):
      cnode=head
position=0
         while cnode is not None:
position+=1
               if cnode.data == x:
    print(cnode.data, " di posisi: ", position)
    break
                     cnode = cnode.next
 class LinkedList:
    def __init__(self):
        self.head = None
      def tambahHead (self, new_data):
    new_node = Node(new_data)
    new_node.next = self.head
    self.head = new_node
       def tambahAkhir(self, data):
               if (self.head == None):
    self.head = Node(data)
                     current = self.head
              current = self.head
while (current.next != None):
    current = current.next
current.next = Node(data)
return self.head
                                                                                                                                        Ln: 1 Col: 0
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                                                                                                                       File Edit Format Run Options Window Help
      def hapusNode(self, position):
    if self.head == None:
            temp = self.head
if position == 0:
                   self.head = temp.next
                   temp = None
             return
for i in range(position -1):
temp = temp.next
                   if temp is None:
            if temp is None:
             if temp.next is None:
            next = temp.next.next
temp.next = None
temp.next = next
class Node:
    def __init__(self, data):
        self.data = data
        self.prev = None
           f __init__(self):
    self.head = Non
      def tambahawal(self, x):
            new = Node(x)
new.next = self.head
if self.head is not None:
    self.head.prev = new
             self.head = new
      def tambahakhir(self, x):
   new = Node(x)
            new.next = N
             if self.head is None:
```

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class Node:
    def __init__ (self, data):
        self.data = data
        self.prev = None
class DoublyLinkedList:
    def __init__ (self):
        self.head = None
    def tambahawal(self, x):
        new = Node(x)
        new.next = self.head
        if self.head is not None:
            self.head.prev = new
        self.head = new
    def tambahakhir(self, x):
        new = Node(x)
                                                   new = Node(x)
new.next = None
if self.head is None:
new.prev = None
self.head = new
                                                     last = self.head
while(last.next is not None):
    last = last.next
last.next = new
new.prev = last
                      return

def printList(self, node):
    print("\nDari Depan :")
    while(node is not None):
        print(" % d" % (node.data))
        last = node
        node = node.next
    print("\nDari Belakang :")
    while(last is not None):
        print(" % d" % (last.data))
        last = last.prev
```