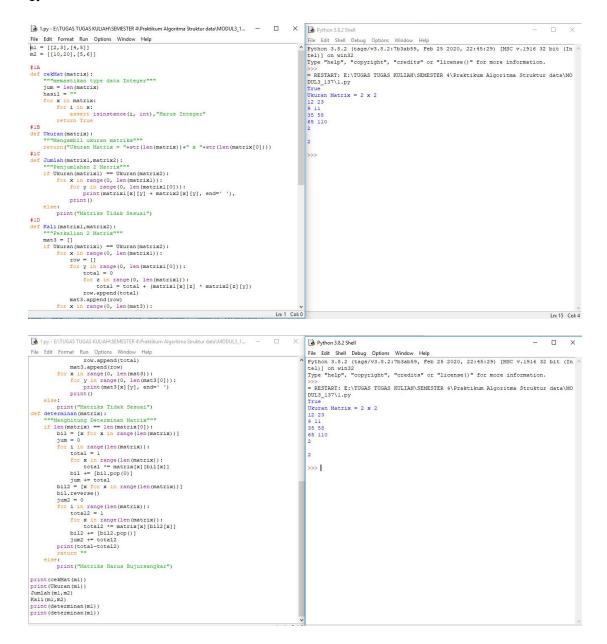
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**KELAS: B** 

## **MODUL 3**

## 1.



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3.py - E:\TUGAS TUGAS KULIAH\SEMESTER 4\Praktikum Algoritma Struktur data\MODUL3\_1... -X File Edit Format Run Options Window Help #3 class Node(): def \_\_init\_\_(self, data, nextNode=None): self.data = data self.nextNode = nextNode def cetak(head): curr = head while curr != None: print (curr.data) curr = curr.nextNode def cari(head, cari): curr = head
while curr != None: if curr.data == cari: print("Data ditemukan!") else: print("Check data!") curr = curr.nextNode def tambahDepan(head): newNode = Node(1) newNode.nextNode = head head = newNode return head def tambahAkhir(head): curr = head while curr is not None: if curr.nextNode == None: newNode = Node(25) curr.nextNode = newNode return curr pass curr = curr.nextNode return curr def tambah (head, posisi): newNode = Node(8) newNode.nextNode = posisi.nextNode posisi.nextNode = newNode head.head = posisi return head

```
🔒 3.py - E:\TUGAS TUGAS KULIAH\SEMESTER 4\Praktikum Algoritma Struktur data\MODUL3_1... 🕒 🗆
                                                                                X
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        curr = head
       while curr != None:
           if curr.data == cari:
               print("Data ditemukan!")
              print("Check data!")
           curr = curr.nextNode
   def tambahDepan(head):
       newNode = Node(1)
       newNode.nextNode = head
       head = newNode
       return head
   def tambahAkhir(head):
       curr = head
       while curr is not None:
           if curr.nextNode == None:
               newNode = Node(25)
               curr.nextNode = newNode
               return curr
           else:
               pass
           curr = curr.nextNode
       return curr
   def tambah (head, posisi):
       newNode = Node(8)
       newNode.nextNode = posisi.nextNode
       posisi.nextNode = newNode
       head.head = posisi
       return head
   def hapus (head, posisi):
       curr = head
       while curr != None:
           if curr.nextNode.data == posisi:
               curr.nextNode = curr.nextNode.nextNode
               return curr
           else:
               pass
           curr = curr.nextNode
```

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return curr

```
🕝 4.py - E:\TUGAS TUGAS KULIAH\SEMESTER 4\Praktikum Algoritma Struktur data\MODUL3_137\4.py (3.8.2)
```

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```
class doubly linked():
    def __init__(self, Data, Next=None, Prev=None):
        self.Data = Data
        self.Next = Next
       self.Prev = Prev
   def mencetak():
       curr = head
       while curr != None:
           print (curr.Data)
            if curr.Next == None:
                curr = curr
               break
            else:
                curr = curr.Next
       print("\n")
        while curr != None:
           print (curr. Data)
           curr = curr.Prev
    def simpulAwal(head):
       newNode = doubly linked(25)
       newNode.Next = head
       head.Prev = newNode
       head =newNode
       return head
    def simpulAkhir (head):
        curr = head
        while curr != None:
            if curr.Next == None:
                newNode = doubly linked(365)
                curr.Next = newNode
               newNode.Prev = curr
                return curr
            else:
            curr = curr.Next
       return curr
```