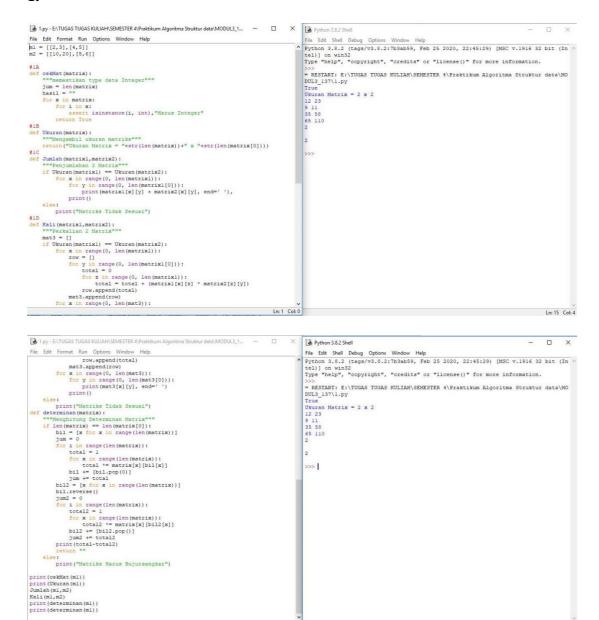
NAMA: Dwi Alvian Verry A

NIM: L200180052

KELAS: B

MODUL 3

1.



3. 3.py - E:\TUGAS TUGAS KULIAH\SEMESTER 4\Praktikum Algoritma Struktur data\MODUL3_1... -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 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 Ln: 1 Col: 0 File Edit Fo rm at Run 0 ption s \Nind ow Help

```
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
       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
   return curr
```

Ln: 1 C ol: 0

```
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:
               pass
            curr = curr.Next
       return curr
```