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NIM : L200180001

Kelas : A

# MODUL 6

# Praktikum AlgoritmaStrukturData

1.

2.

#### 3. dan 4.

### 5.

### 7.

```
nomer8.py - D:/Prak Algostruk/MODUL_6/nomer8.py (3.7.4)
## nomerB.py - D.Prak Algostruk/MODUL_firomerB.py (I

File Edit Format Run Options Window Help

print ("hd"scurr.data),

curr = curr.next

def mergeSorted(self, list1, list2):

if list1 is None:

return list2

if list2 is None:

return list1
                                                                                                                                                                                                 Rython 3.7.4 Shell
                                                                                                                                                                                                                                                                                                                                                             - 🗆 ×
                                                                                                                                                                                                  File Edit Shell Debug Options Window Help
Python 3.7.4 (Lags/v3.7.4:e09359112e, Jul 8 2019, 19:29:22) [MSC v.1916 32 bit (Intel)] on win32
Type "help", "copyright", "credits" or "license()" for more information.
                                                                                                                                                                                                   >>>>
List 1 :
        if listl.data < list2.data:
    temp = list1
    temp.next = self.mergeSorted(listl.next, list2)
    else:
    temp = list2
    temp.next = self.mergeSorted(listl, list2.next)
return temp</pre>
                                                                                                                                                                                                   7
12
13
16
List 2:
                                                                                                                                                                                                  9
10
Merged List :
list1 = LinkedList()
list1.appendSorted(13)
list1.appendSorted(12)
list1.appendSorted(3)
list1.appendSorted(16)
list1.appendSorted(7)
 print("List 1 :"),
list1.printList()
 list2 = LinkedList()
list2.appendSorted(9)
list2.appendSorted(10)
list2.appendSorted(1)
 print("List 2 :"),
list2.printList()
 list3 = LinkedList()
list3.head = list3.mergeSorted(list1.head, list2.head)
 print("Merged List :"),
list3.printList()
                                                                                                                                                                                                                                                                                                                                       Activate Windows
Ln: 24 Cot
```