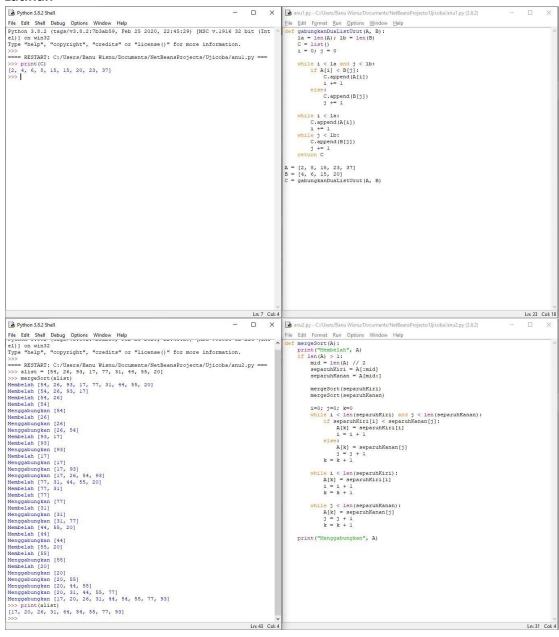
Nama: Karina Muslimah

NIM : L200180138

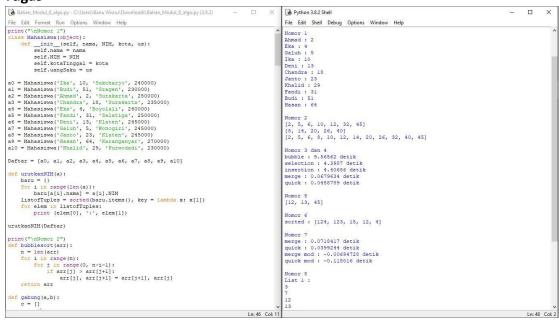
Kelas : E

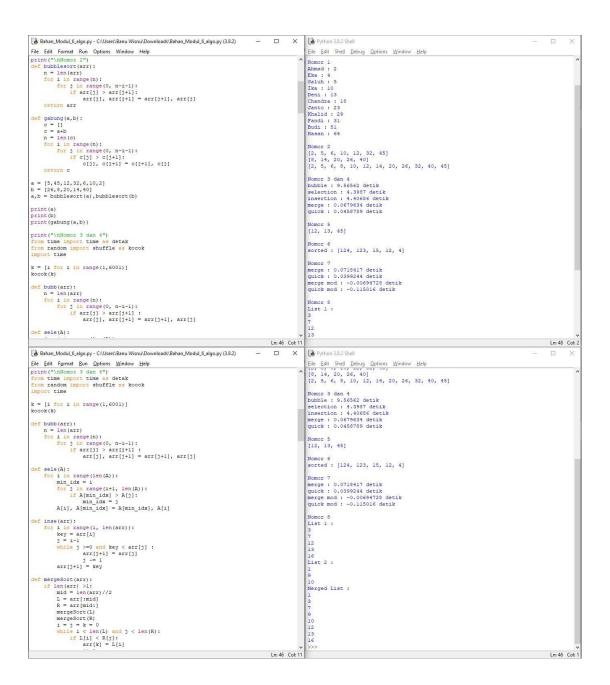
Modul 6 Praktikum Algostruk

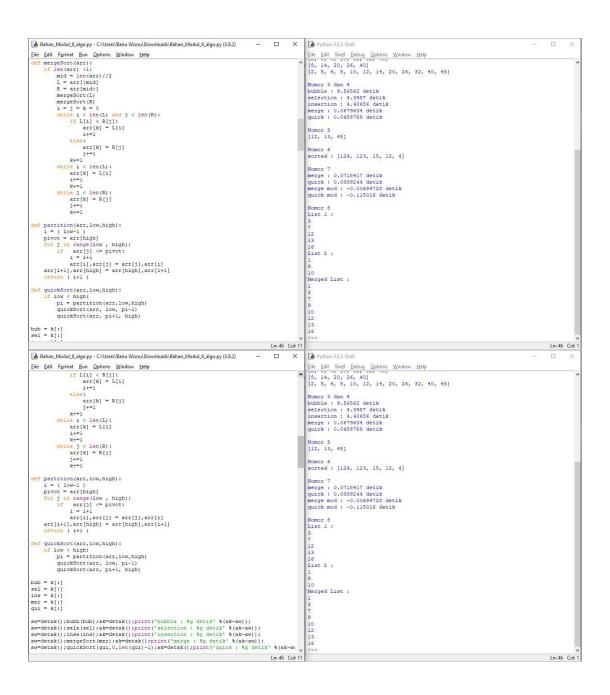
Latihan



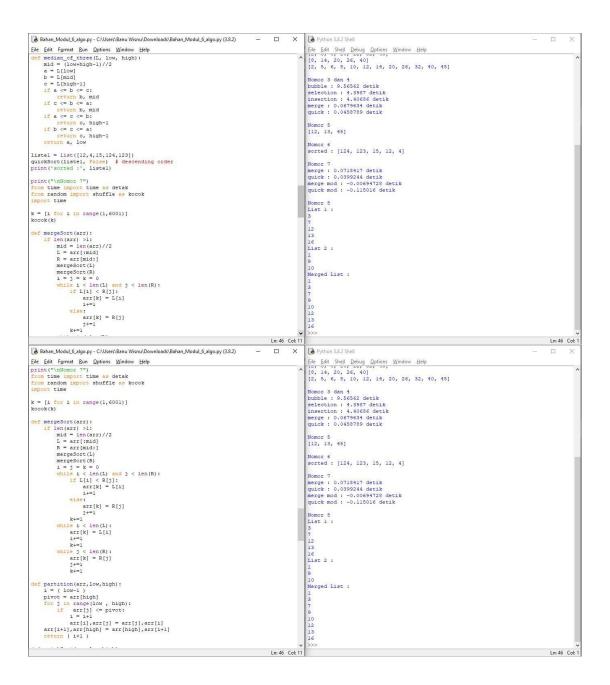
Tugas















```
Python 3.8.2 Shell
Bahan_Modul_6_algo.py - C:\Users\Banu Wisnu\Downloads\Bahan_Modul_6_algo.py (3.8.2)
                                                                                                                                                                     - 🗆 X
                                                                                                                                                                                                                   File Edit Shell Debug Options Window Help

[8, 14, 20, 26, 40]

[2, 5, 6, 8, 10, 12, 14, 20, 26, 32, 40, 45]
 Eile Edit Format Run Options Window Help
    def printList(self):
    curr = self.head
    while curr != None:
        print ("%d"%curr.data),
        curr = curr.next
                                                                                                                                                                                                                  Nomor 3 dan 4
bubble: 9.56562 detik
selection: 4.3987 detik
insertion: 4.40686 detik
merge: 0.0679634 detik
quick: 0.0458789 detik
   def mergeSorted(self, listl, list2):
if listl is Nome:
    return list2
if list2 is Nome:
    return list1
                                                                                                                                                                                                                  Nomor 5
[12, 13, 45]
      if list1.data < list2.data:
   temp = list1
   temp.next = self.mergeSorted(list1.next, list2)
else:
   temp = list2
   temp.next = self.mergeSorted(list1, list2.next)
return temp</pre>
                                                                                                                                                                                                                  Nomor 6
sorted: [124, 123, 15, 12, 4]
                                                                                                                                                                                                                Nomor 7
merge: 0.0718417 detik
quick: 0.0399244 detik
merge mod: -0.00694728 detik
quick mod: -0.115016 detik
list1 = LinkedList()
list1.appendSorted(13)
list1.appendSorted(12)
list1.appendSorted(3)
list1.appendSorted(16)
list1.appendSorted(7)
                                                                                                                                                                                                                   Nomor 8
List 1 :
 print("List 1 :"),
list1.printList()
list2 = LinkedList()
list2.appendSorted(9)
list2.appendSorted(10)
list2.appendSorted(1)
                                                                                                                                                                                                                  10
Merged List :
print("List 2 :"),
list2.printList()
list3 = LinkedList()
list3 - LinkedList()
list3.head = list3.mergeSorted(list1.head, list2.head)
print("Merged List :"),
list3.printList()
                                                                                                                                                                                    Ln: 46 Col: 11
                                                                                                                                                                                                                                                                                                                                                                                                        Ln: 46 Col: 1
```