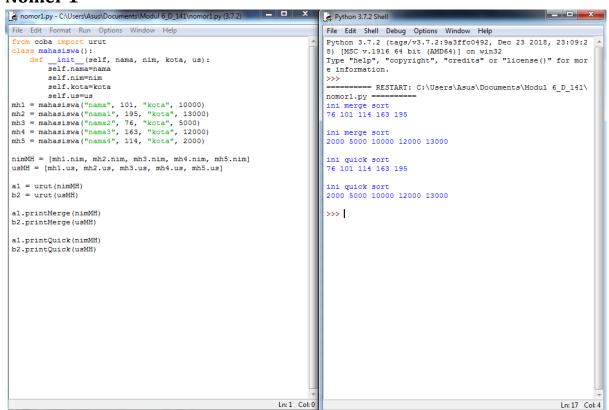
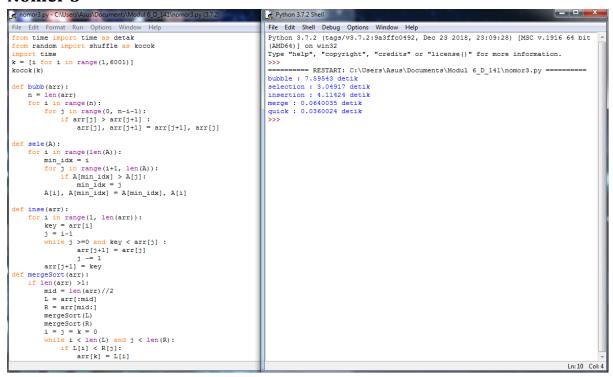
Nama: Rifqi Wirawan NIM: L200170141

Kelas : D Modul 6

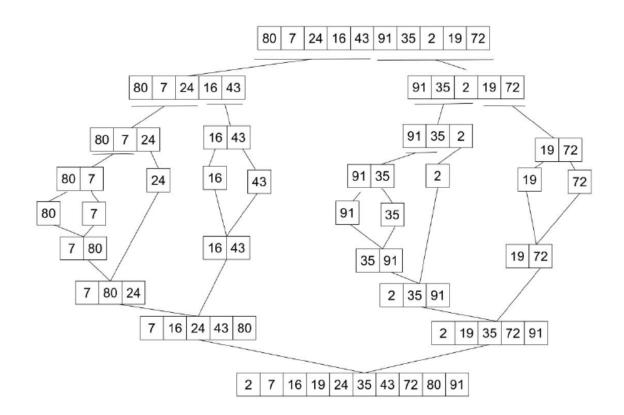
Nomer 1



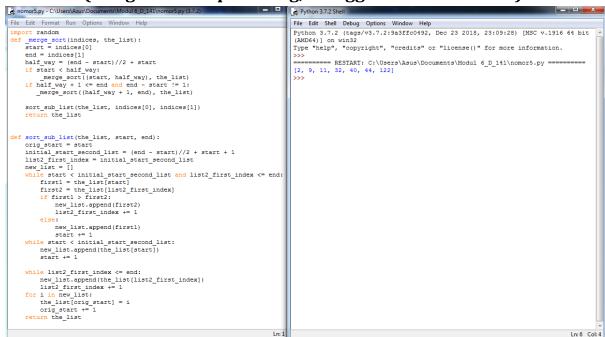
Nomer 3



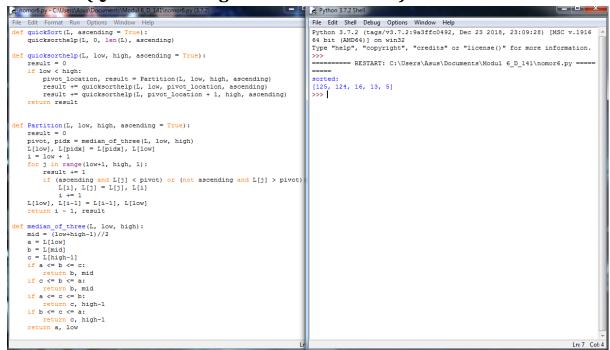
Nomer 4A(Tracing Algoritma Merge Sort)



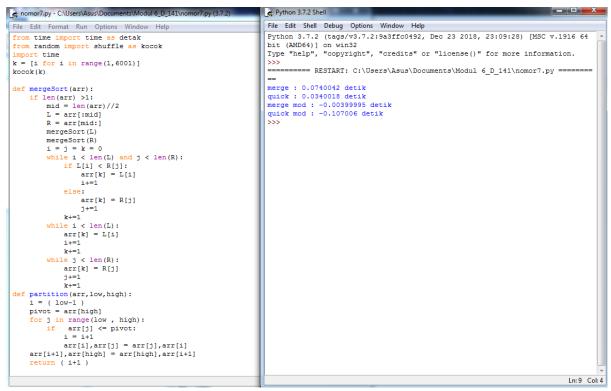
Nomor 5 (Merge Sort tanpa Slicing, menggunakan recursive)



Nomor 6 (Quick Sort dengan Median of Three)



Nomer 7



Nomor 8 (Merge Sort dengan Linked List)

```
File Edit Format Run Options Window Hel
                                                                                                              File Edit Shell Debug Options Window Help
class Node:
def ini
                                                                                                              Python 3.7.2 (tags/v3.7.2:9a3ffc0492, Dec 23 2018, 23:09:28) [MSC v.191
      ef __init__(self, data):
self.data = data
self.next = None
                                                                                                              6 64 bit (AMD64)] on win32
Type "help", "copyright", "credits" or "license()" for more information
                                                                                                                             = RESTART: C:\Users\Asus\Documents\Modul 6 D 141\nomor8.py ===
class LinkedList:
   def __init__(se
     ef __init__(self):
self.head = None
                                                                                                              List 1 :
  def appendList(self, data):
     ar appendList(self, da
node = Node(data)
if self.head == None:
    self.head = node
else:
    curr = self.head
     while curr.next != None:

curr = curr.next

curr.next = node
                                                                                                             Merged List :
  def appendSorted(self, data):
     node = Node(data)
curr = self.head
prev = None
                                                                                                              10
11
14
>>> |
     while curr is not None and curr.data < data:
        prev = curr
curr = curr.next
     else:
prev.next = node
     curr = self.head
while curr != None:
   print ("%d"%curr.data),
   curr = curr.next
                                                                                                                                                                                                                     Ln: 24 Col: 4
```