# PRAKTIKUM ALGORITMA DAN STRUKTUR DATA

Modul 6

Pengurutan lanjutan



Disusun oleh:

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G

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UNIVERSITAS MUHAMMADIYAH SURAKARTA

### Latihan.py

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| Section | Constitution | Constitut
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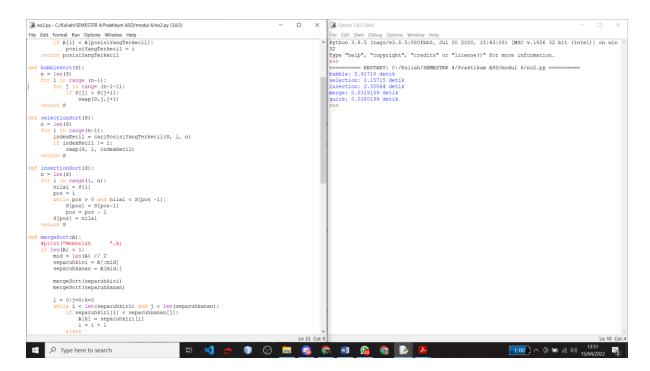
## Mahasiswa.py

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### CONT Normal Ran Options (Mode)

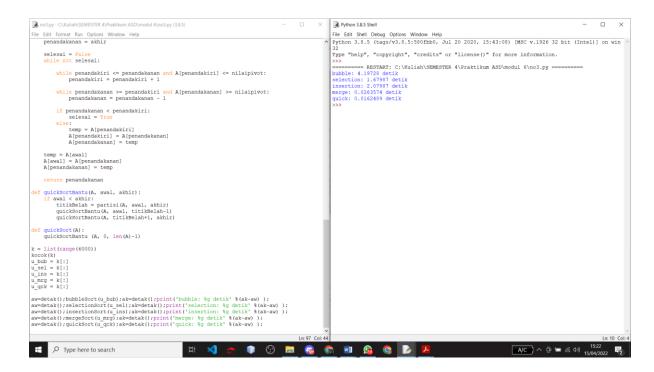
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#### No1

#### No<sub>2</sub>

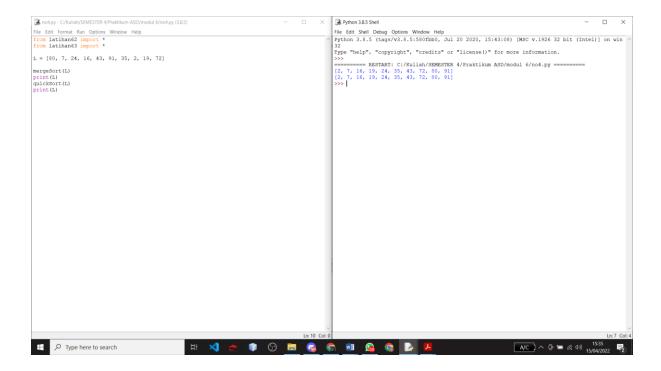


#### No<sub>3</sub>

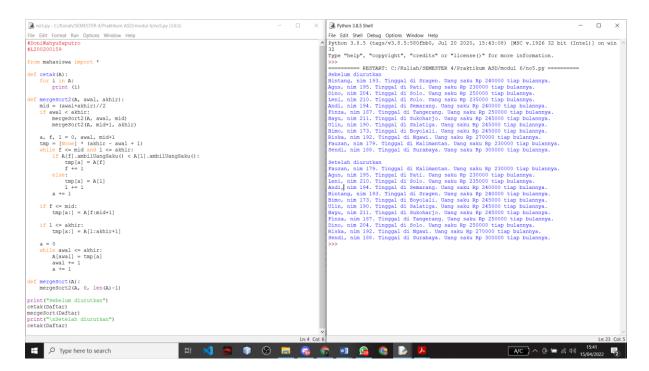


#### No4

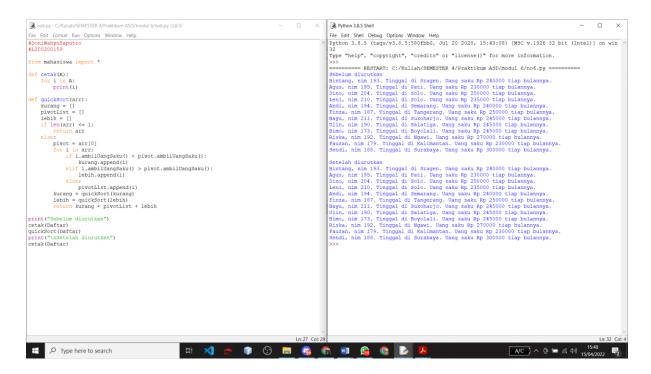
```
latihan63.py - C:\Kuliah\SEMESTER 4\Praktikum ASD\modul 6\latihan63.py (3.8.5)
def quickSort(A):
    quickSortBantu(A, 0, len(A) - 1)
                                                                                                                               lef quickSortBantu(A, awal, akhir):
   if awal < akhir:
        titikBelah = partisi(A, awal, akhir)
        quickSortBantu(A, awal, titikBelah - 1)
        quickSortBantu(A, titikBelah + 1, akhir)</pre>
        lef partisi(A, awal, akhir):
    nilaiPivot = A[awal]
                                                                                                                                   penandaKiri = awal + 1
penandaKanan = akhir
                                                                                                                                   selesai = False
while not selesai:
                                                                                                                                       while A[penandaKanan] >= nilaiPivot and \
    penandaKanan >= penandaKiri:
    penandaKanan = penandaKanan - 1
     while j < len(separuhKanan):  
\begin{array}{ll} A(k) = separuhKanan(j) \\ j = j+1 \\ k = k+1 \end{array}   # stu demi satu.  
#print("Mengabungkan", A)
                                                                                                                                       if penandaKanan < penandaKiri:
    selesai = True</pre>
                                                                                                                                             e:
temp = A[penandaKiri]
A[penandaKiri] = A[penandaKanan]
A[penandaKanan] = temp
#alist = [54,26,93,17,77,31,44,55,20]
#mergeSort(alist)
#print(alist)
                                                                                                                                  temp = A[awal]
A[awal] = A[penandaKanan]
A[penandaKanan] = temp
                                                                                                                                   return penandaKanan
                                                                                                                                                                                                        NC ^ @ ← (4) 15:35
15/04/2022 €2
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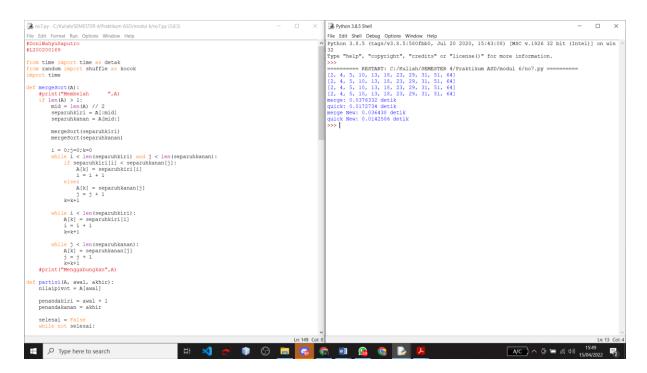
#### No<sub>5</sub>

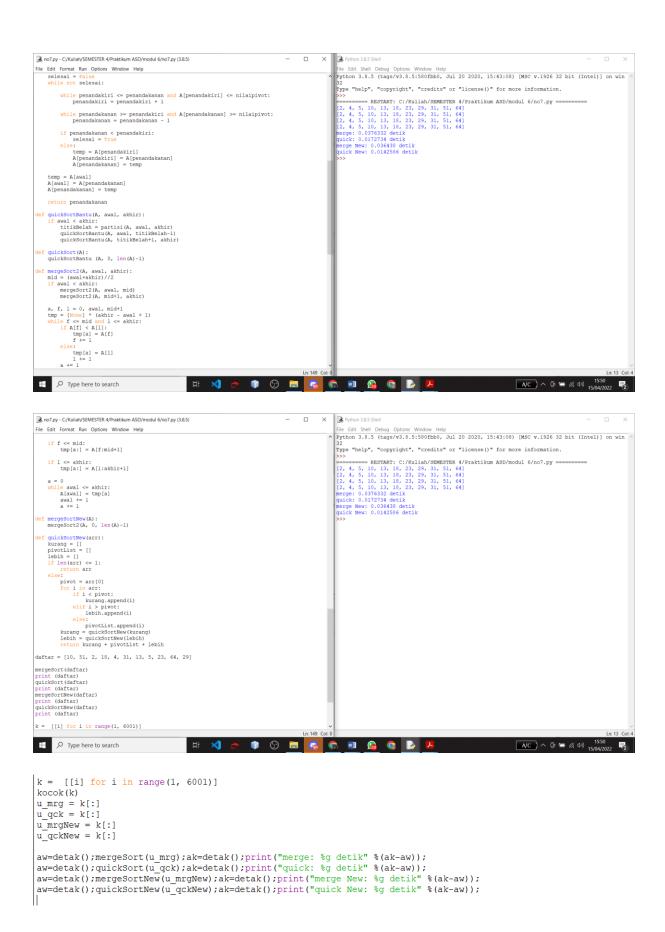


#### No<sub>6</sub>



#### No7





#### No8

