Nama : Dwiky Nugraha

NIM   : L200170154

Kelas   : D

Modul : 6

1. Nomor 1

```
Python 3.7.2 (tags/v3.7.2:9a3ffc0492, Dec 23 2018, 23:09:28) [MSC v.1916 64 bit (
AMD64)] on win32
Type "help", "copyright", "credits" or "license()" for more information.
>>>
================= RESTART: C:/Users/ASUS/Desktop/test run.py =================
>>> mergeSort(daftar)
>>> print(daftar)
[2, 4, 5, 10, 13, 18, 23, 29, 31, 51, 64]
>>>
```

```
Python 3.7.2 (tags/v3.7.2:9a3ffc0492, Dec 23 2018, 23:09:28) [MSC v.1916 64 bit (
AMD64)] on win32
Type "help", "copyright", "credits" or "license()" for more information.
>>>
================= RESTART: C:/Users/ASUS/Desktop/test run.py =================
>>> quickSort(daftar)
>>> print(daftar)
[2, 4, 5, 10, 13, 18, 23, 29, 31, 51, 64]
>>>
```

2. Nomor 2
   -

3. Nomor 3

```
---------------- RESTART: C:/Users/ASUS/Desktop/test_run.py ----------------
Squeezed text (431 lines).
bubble: 3.56118 detik
Squeezed text (431 lines).
selection: 1.46827 detik
Squeezed text (431 lines).
insertion: 2.15586 detik
merge: 0.0312812 detik
quick: 0.031215 detik
>>>
```
Ln: 49 Col:

4. Nomor 4

-

5. Nomor 5

```
Python 3.7.2 Shell                                    —   □   ×
File  Edit  Shell  Debug  Options  Window  Help
Python 3.7.2 (tags/v3.7.2:9a3ffc0492, Dec 23 2018, 23:09:28) [MSC v.1916 64 bit
(AMD64)] on win32
Type "help", "copyright", "credits" or "license()" for more information.
>>>
== RESTART: C:/Users/ASUS/Desktop/Kuliah/Sem 4/Algoritma/modul 6/testxx.py ==
[12, 13, 45]
>>>
```

6. Nomor 6

```
Python 3.7.2 Shell                                    —   □   ×
File  Edit  Shell  Debug  Options  Window  Help
Python 3.7.2 (tags/v3.7.2:9a3ffc0492, Dec 23 2018, 23:09:28) [MSC v.1916 64 bit
(AMD64)] on win32
Type "help", "copyright", "credits" or "license()" for more information.
>>>
== RESTART: C:/Users/ASUS/Desktop/Kuliah/Sem 4/Algoritma/modul 6/testxx.py ==
sorted:
[20, 16, 11, 3, 2, 1]
>>>
```

7. Nomor 7

```
Python 3.7.2 Shell                                    —   □   ×
File  Edit  Shell  Debug  Options  Window  Help
Python 3.7.2 (tags/v3.7.2:9a3ffc0492, Dec 23 2018, 23:09:28) [MSC v.1916 64 bit
(AMD64)] on win32
Type "help", "copyright", "credits" or "license()" for more information.
>>>
== RESTART: C:/Users/ASUS/Desktop/Kuliah/Sem 4/Algoritma/modul 6/testxx.py ==
merge : 0.105224 detik
quick : 0.0598023 detik
merge mod : -0.0534406 detik
quick mod : -0.177055 detik
>>>
```

8. Nomor 8

```
File   Edit   Shell   Debug   Options   Window   Help

Python 3.7.2 (tags/v3.7.2:9a3ffc0492, Dec 23 2018, 23:09:28) [MSC v.1916 64 bit
(AMD64)] on win32
Type "help", "copyright", "credits" or "license()" for more information.
>>>
== RESTART: C:/Users/ASUS/Desktop/Kuliah/Sem 4/Algoritma/modul 6/testxx.py ==
List 1 :
1
3
4
5
10
List 2 :
2
6
12
Merged List :
1
2
3
4
5
6
10
12
>>> |
```