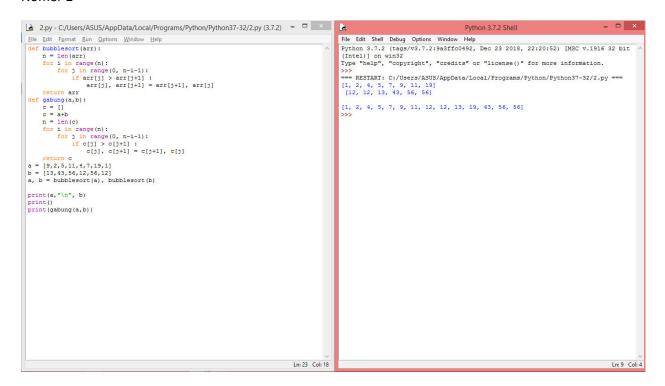
Nomer 1

```
| The Color of State | State |
```

Nomer 2



Nomer 3

```
- 🗆 🔀 3.py - C:/Users/ASUS/AppData/Local/Programs/Python/Python37-32/3.py (3.7.2) - 🗆 📑
Gile Edit Shell Debug Options Window Help
Python 3.7.2 (tags/v3.7.2:9a3ffco192, Dec 23 2018, 22:20:52) [MSC v.1916 32 bit (Intel)] on win32
Type "help", "copyright", "credits" or "license()" for more information.
>>>
bubble : 13.03 detik
selection : 5.47561 detik
insertion : 6.16101 detik
>>>
                                                                                                                                                 File Edit Format Run Options Window Help
from time import time as detak
from random import shuffle as kocok
k = [i for i in range(1,6001)]
kocok(k)
                                                                                                                                                 def bubb(arr):
   n = len(arr)
                                                                                                                                                        for i in range(n):
                                                                                                                                                              for j in range(0, n-i-1):
                                                                                                                                                                    if arr[j] > arr[j+1] :
    arr[j], arr[j+1] = arr[j+1], arr[j]
                                                                                                                                                  def sele(A):
   for i in range(len(A)):
                                                                                                                                                              min_idx = i
for j in range(i+1, len(A)):
    if A[min_idx] > A[j]:
        min_idx = j
                                                                                                                                                              A[i], A[min_idx] = A[min_idx], A[i]
                                                                                                                                                        for i in range(1, len(arr)):
                                                                                                                                                              key = arr[i]
                                                                                                                                                             j = i-1
while j >=0 and key < arr[j] :
    arr[j+1] = arr[j]
j -= 1
arr[j+1] = key</pre>
                                                                                                                                                  bub = k[:]
sel = k[:]
ins = k[:]
                                                                                                                                                  Ln: 8 Col: 4
```