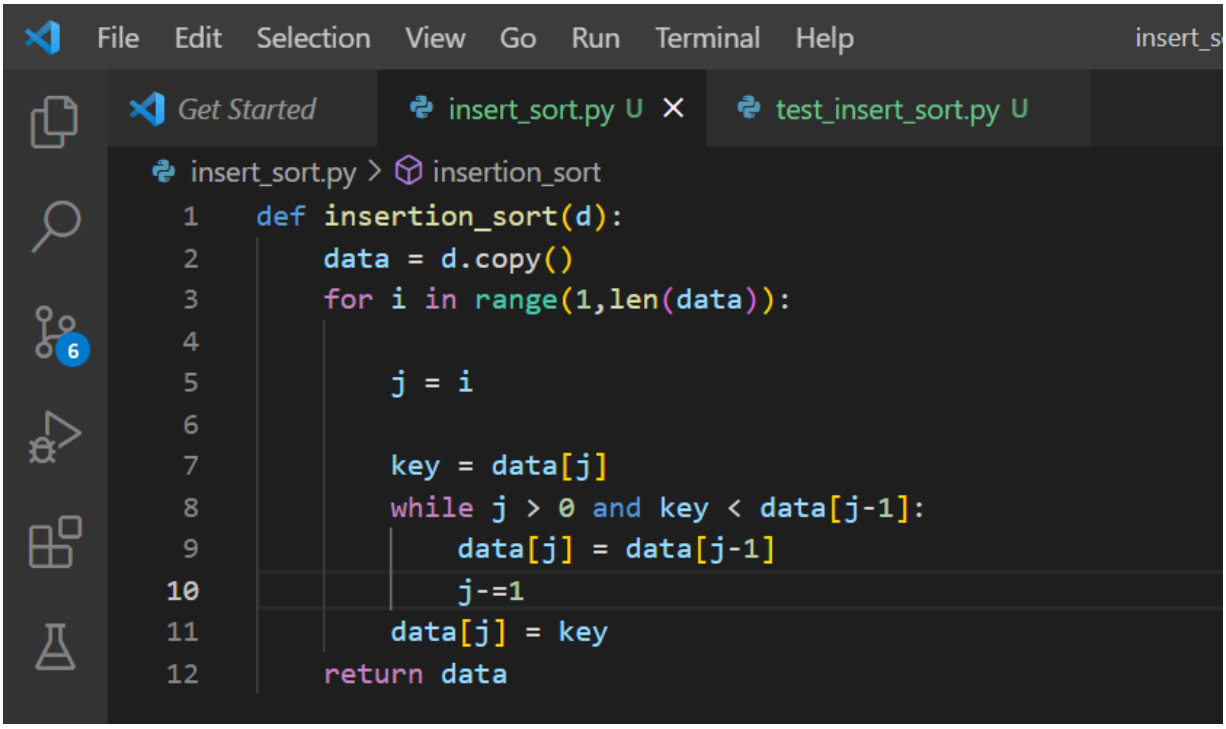
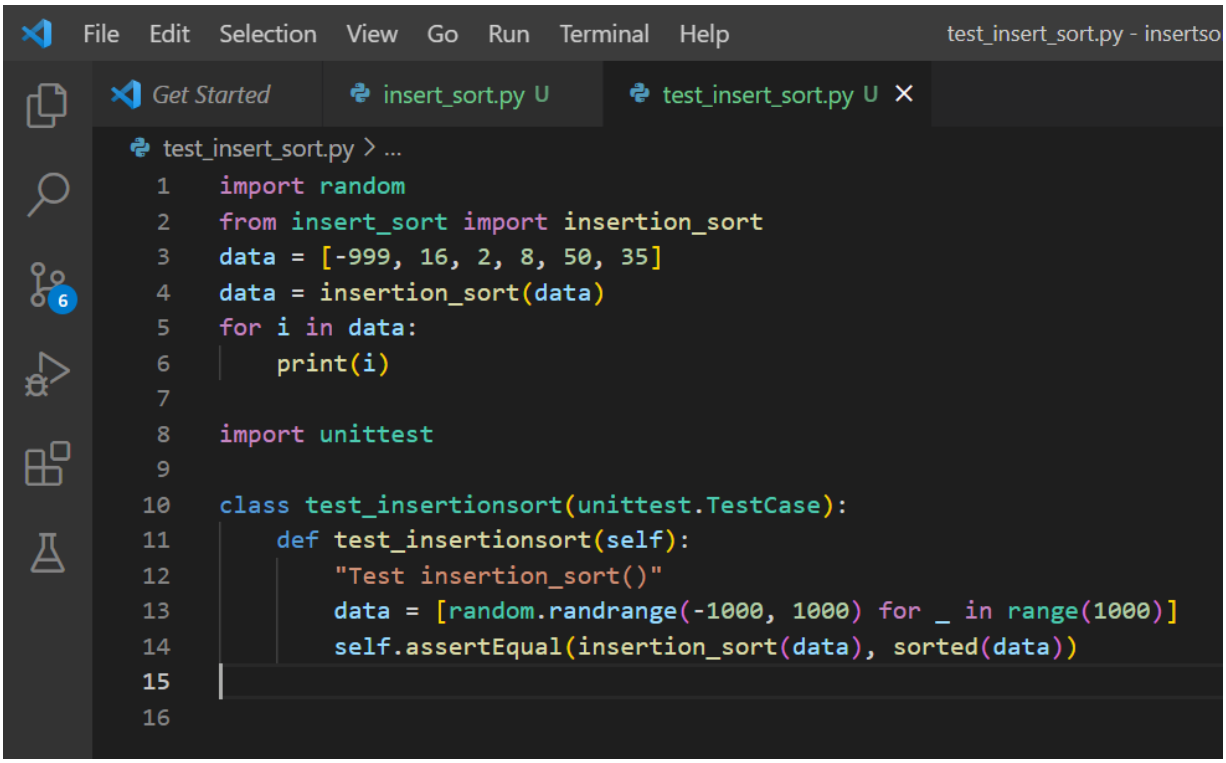
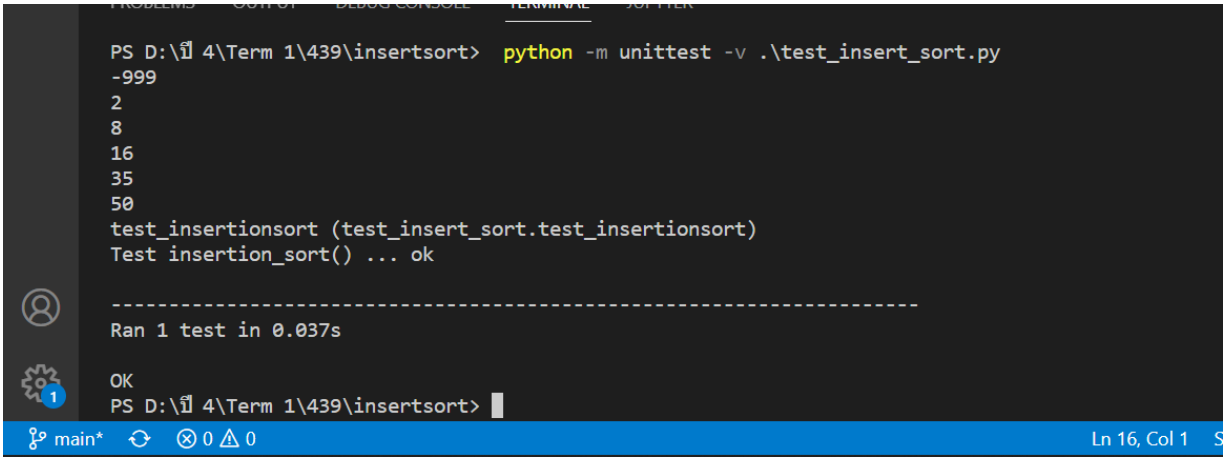

File Edit Selection View Go Run Terminal Help
insert_s
Get Started
insert_sort.py U
test_insert_sort.py U
insert_sort.py > insertion_sort
def insertion_sort(d):
data = d.copy()
for i in range(1,len(data)):
j = i
key = data[j]
while j > 0 and key < data[j-1]:
data[j] = data[j-1]
j-=1
data[j] = key
return data


File Edit Selection View Go Run Terminal Help
test_insert_sort.py - insertso
Get Started
insert_sort.py U
test_insert_sort.py U
test_insert_sort.py > ...
import random
from insert_sort import insertion_sort
data = [-999, 16, 2, 8, 50, 35]
data = insertion_sort(data)
for i in data:
print(i)
import unittest
class test_insertionsort(unittest.TestCase):
def test_insertionsort(self):
"Test insertion_sort()"
data = [random.randrange(-1000, 1000) for _ in range(1000)]
self.assertEqual(insertion_sort(data), sorted(data))


PS D:\ปี 4\Term 1\439\insertsort> python -m unittest -v .\test_insert_sort.py
-999
2
8
16
35
50
test_insertionsort (test_insert_sort.test_insertionsort)
Test insertion_sort() ... ok
Ran 1 test in 0.037s
OK
PS D:\ปี 4\Term 1\439\insertsort>
main*
0 0
Ln 16, Col 1