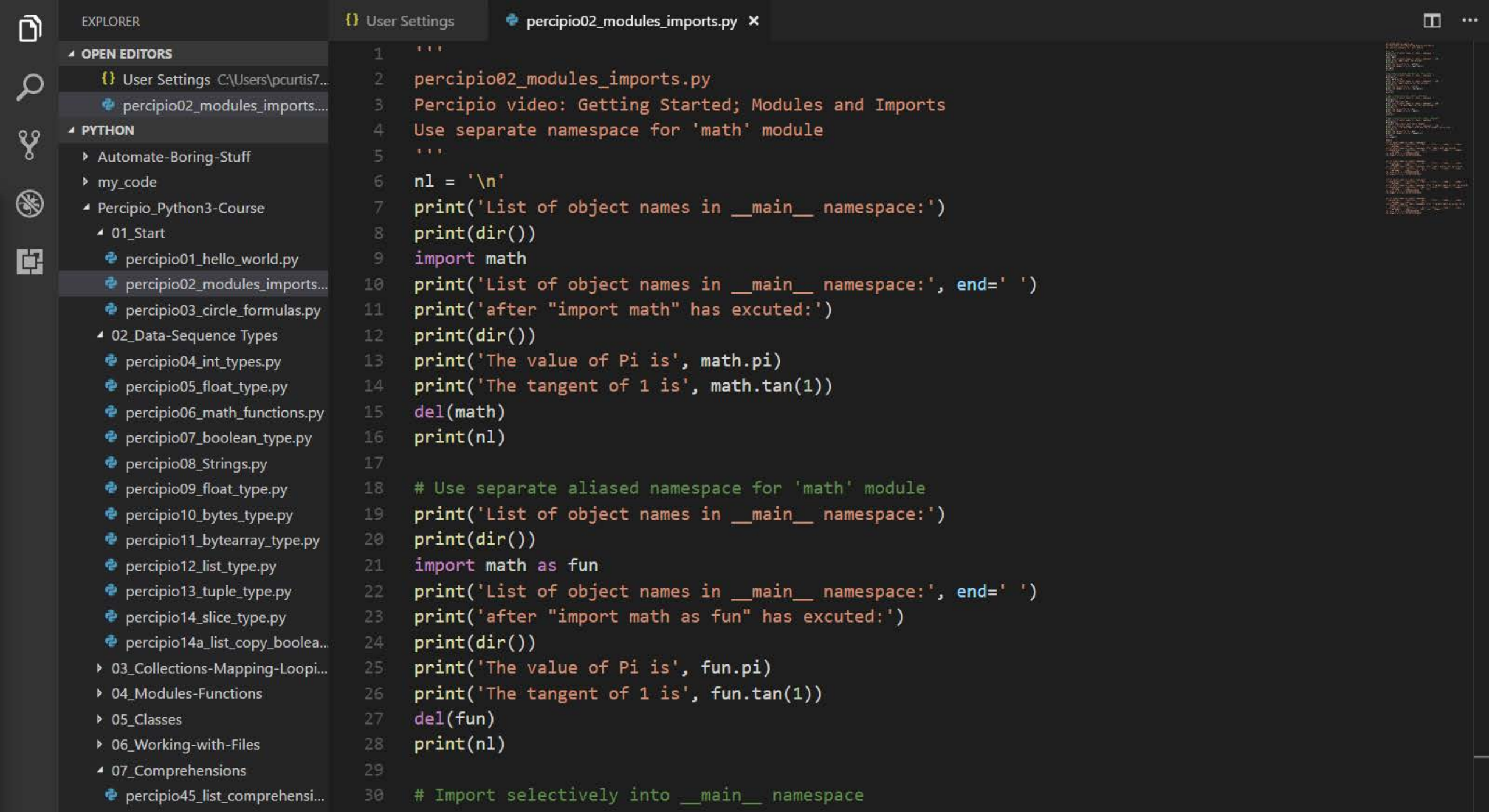
EXPLORER
User Settings
percipio02_modules_imports.py
OPEN EDITORS
User Settings C:\Users\pcurtis7...
percipio02_modules_imports....
PYTHON
Automate-Boring-Stuff
my_code
Percipio_Python3-Course
01_Start
percipio01_hello_world.py
percipio02_modules_imports...
percipio03_circle_formulas.py
02_Data-Sequence Types
percipio04_int_types.py
percipio05_float_type.py
percipio06_math_functions.py
percipio07_boolean_type.py
percipio08_Strings.py
percipio09_float_type.py
percipio10_bytes_type.py
percipio11_bytearray_type.py
percipio12_list_type.py
percipio13_tuple_type.py
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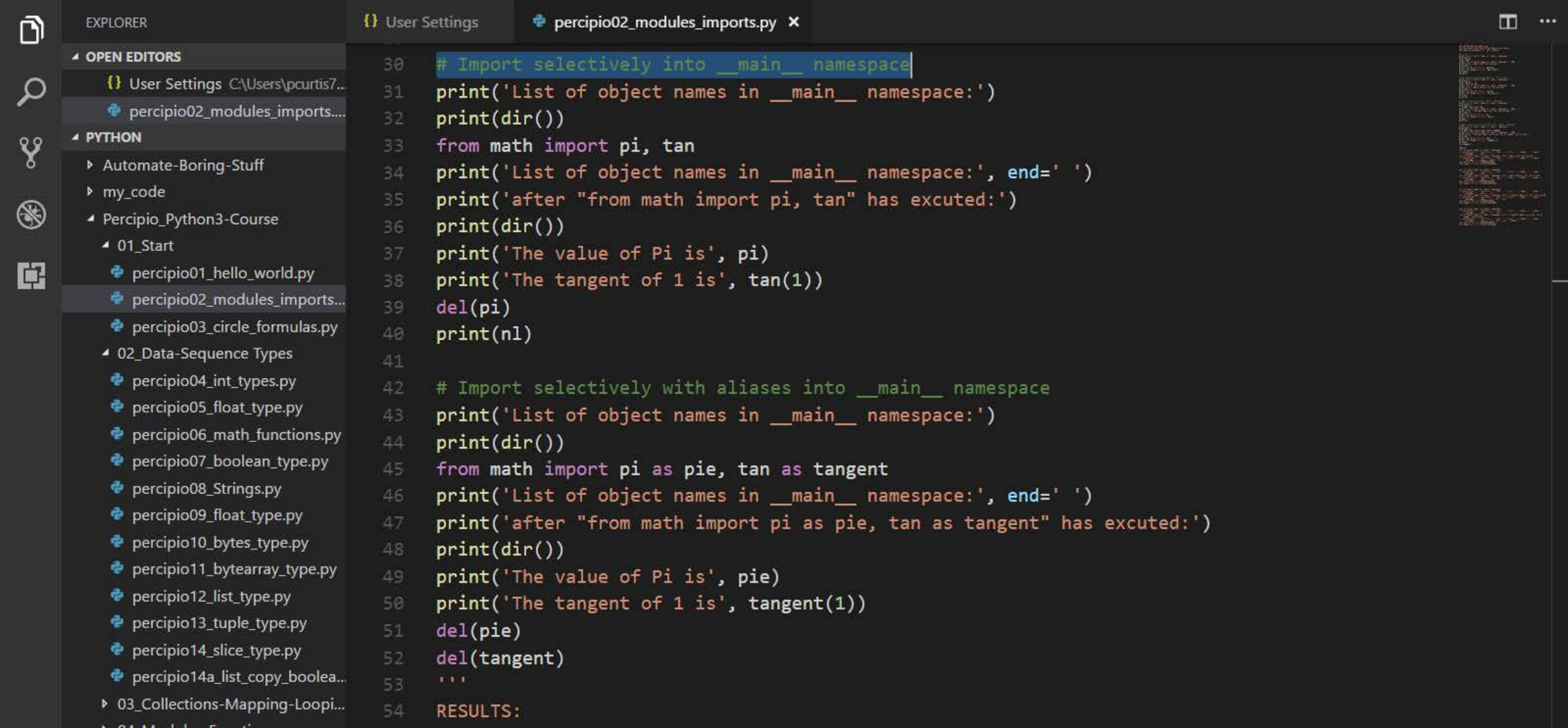
percipio14a_list_copy_boolea...
03_Collections-Mapping-Loopi...
04_Modules-Functions
05_Classes
06_Working-with-Files
07_Comprehensions
percipio45_list_comprehensi...
'''
percipio02_modules_imports.py
Percipio video: Getting Started; Modules and Imports
Use separate namespace for 'math' module
'''
nl = '\n'
print('List of object names in __main__ namespace:')
print(dir())
import math
print('List of object names in __main__ namespace:', end=' ')
print('after "import math" has excuted:')
print(dir())
print('The value of Pi is', math.pi)
print('The tangent of 1 is', math.tan(1))
del(math)
print(nl)
# Use separate aliased namespace for 'math' module
print('List of object names in __main__ namespace:')
print(dir())
import math as fun
print('List of object names in __main__ namespace:', end=' ')
print('after "import math as fun" has excuted:')
print(dir())
print('The value of Pi is', fun.pi)
print('The tangent of 1 is', fun.tan(1))
del(fun)
print(nl)
# Import selectively into __main__ namespace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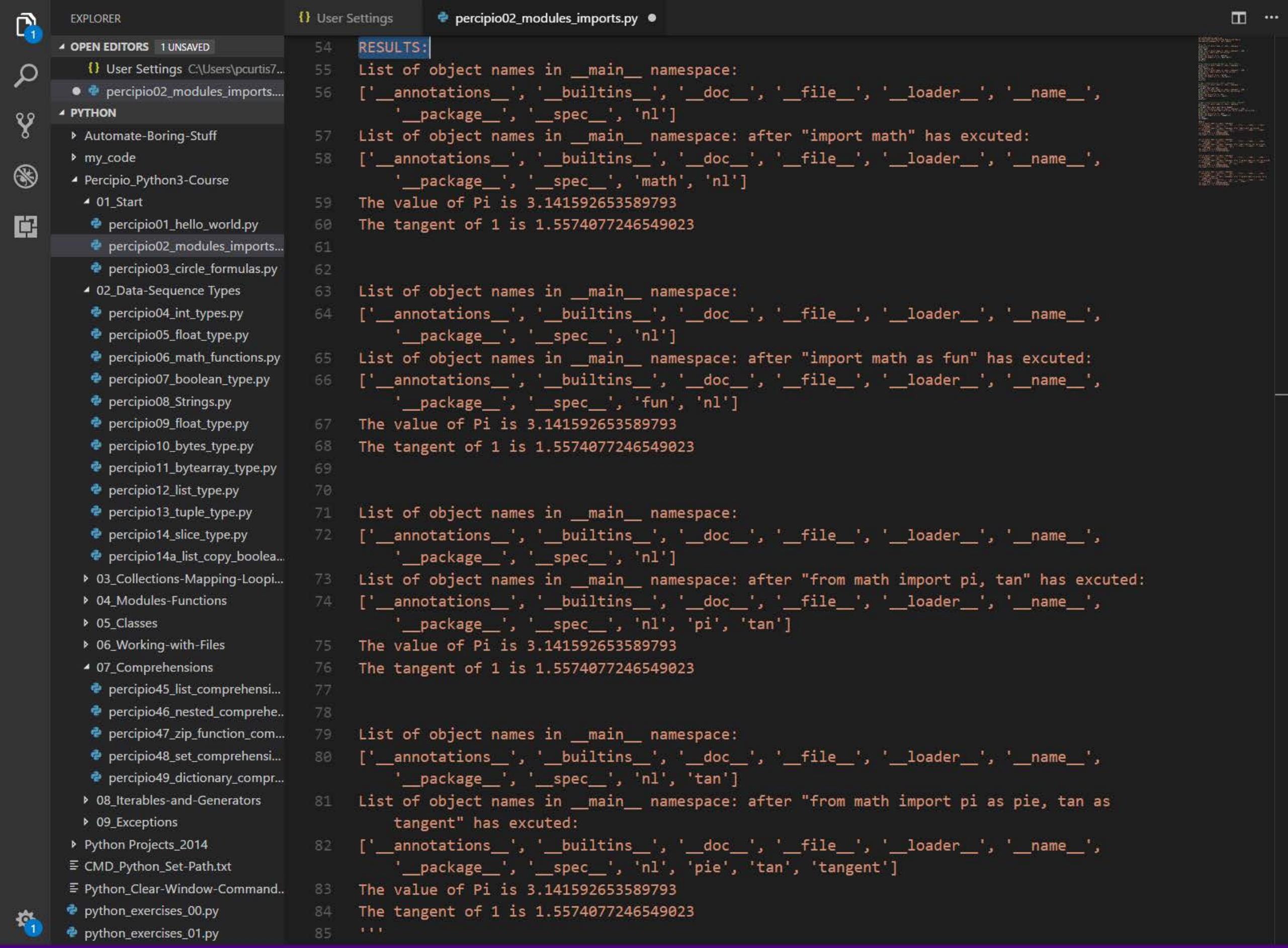
percipio11_bytearray_type.py
percipio12_list_type.py
percipio13_tuple_type.py
percipio14_slice_type.py
percipio14a_list_copy_boolea...
03_Collections-Mapping-Loopi...
30 # Import selectively into __main__ namespace
31 print('List of object names in __main__ namespace:')
32 print(dir())
33 from math import pi, tan
34 print('List of object names in __main__ namespace:', end=' ')
35 print('after "from math import pi, tan" has excuted:')
36 print(dir())
37 print('The value of Pi is', pi)
38 print('The tangent of 1 is', tan(1))
39 del(pi)
40 print(nl)
41
42 # Import selectively with aliases into __main__ namespace
43 print('List of object names in __main__ namespace:')
44 print(dir())
45 from math import pi as pie, tan as tangent
46 print('List of object names in __main__ namespace:', end=' ')
47 print('after "from math import pi as pie, tan as tangent" has excuted:')
48 print(dir())
49 print('The value of Pi is', pie)
50 print('The tangent of 1 is', tangent(1))
51 del(pie)
52 del(tangent)
53 '''
54 RESULTS:


EXPLORER
OPEN EDITORS 1 UNSAVED
User Settings C:\Users\pcurtis7...
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percipio47_zip_function_com...
percipio48_set_comprehensi...
percipio49_dictionary_compr...
08_Iterables-and-Generators
09_Exceptions
Python Projects_2014
CMD_Python_Set-Path.txt
Python_Clear-Window-Command...
python_exercises_00.py
python_exercises_01.py
User Settings
percipio02_modules_imports.py
RESULTS:
List of object names in __main__ namespace:
['__annotations__', '__builtins__', '__doc__', '__file__', '__loader__', '__name__',
'__package__', '__spec__', 'nl']
List of object names in __main__ namespace: after "import math" has excuted:
['__annotations__', '__builtins__', '__doc__', '__file__', '__loader__', '__name__',
'__package__', '__spec__', 'math', 'nl']
The value of Pi is 3.141592653589793
The tangent of 1 is 1.5574077246549023
List of object names in __main__ namespace:
['__annotations__', '__builtins__', '__doc__', '__file__', '__loader__', '__name__',
'__package__', '__spec__', 'nl']
List of object names in __main__ namespace: after "import math as fun" has excuted:
['__annotations__', '__builtins__', '__doc__', '__file__', '__loader__', '__name__',
'__package__', '__spec__', 'fun', 'nl']
The value of Pi is 3.141592653589793
The tangent of 1 is 1.5574077246549023
List of object names in __main__ namespace:
['__annotations__', '__builtins__', '__doc__', '__file__', '__loader__', '__name__',
'__package__', '__spec__', 'nl']
List of object names in __main__ namespace: after "from math import pi, tan" has excuted:
['__annotations__', '__builtins__', '__doc__', '__file__', '__loader__', '__name__',
'__package__', '__spec__', 'nl', 'pi', 'tan']
The value of Pi is 3.141592653589793
The tangent of 1 is 1.5574077246549023
List of object names in __main__ namespace:
['__annotations__', '__builtins__', '__doc__', '__file__', '__loader__', '__name__',
'__package__', '__spec__', 'nl', 'tan']
List of object names in __main__ namespace: after "from math import pi as pie, tan as
tangent" has excuted:
['__annotations__', '__builtins__', '__doc__', '__file__', '__loader__', '__name__',
'__package__', '__spec__', 'nl', 'pie', 'tan', 'tangent']
The value of Pi is 3.141592653589793
The tangent of 1 is 1.5574077246549023
'''