

PRACTICAL NO- 7

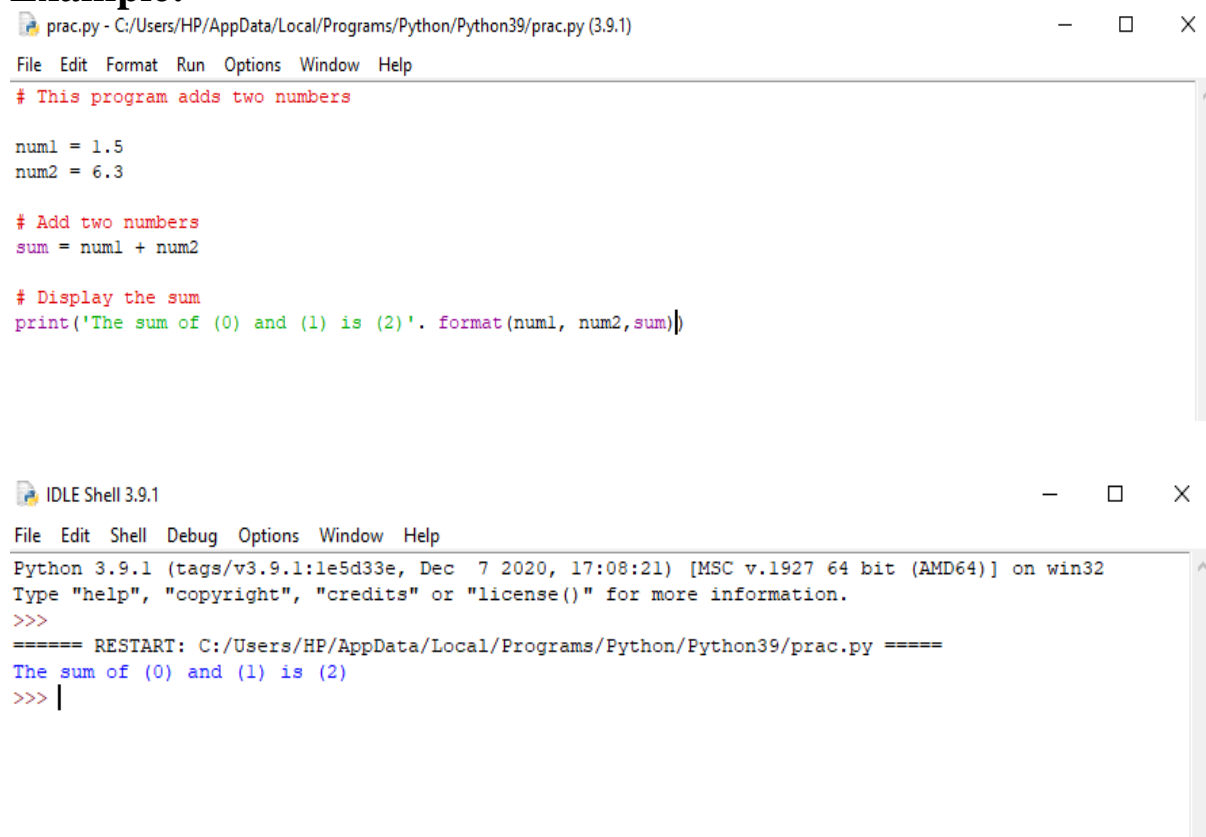
Implementing coding practices in Python using PEP8.

PEP stands for Python Enhancement Proposal and there are several of them. A PEP is a document that describes new features proposed for Python and documents aspects of Python, like design and style for the community.

Writing clear, readable code shows professionalism. It'll tell an employer that you understand how to structure your code well.

If you have more experience writing Python code, then you may need to collaborate with others. Writing readable code here is crucial. Other people, who may have met you or seen your coding style before, will have to read and understand your code. Having guidelines that you follow and recognize will make it easier for others to read your code.

Example:



The image shows two windows from a Python IDE. The top window is a script editor for 'prac.py' located at 'C:/Users/HP/AppData/Local/Programs/Python/Python39/prac.py (3.9.1)'. It contains the following Python code:

```
# This program adds two numbers

num1 = 1.5
num2 = 6.3

# Add two numbers
sum = num1 + num2

# Display the sum
print('The sum of (0) and (1) is (2)'.format(num1, num2, sum))
```

The bottom window is the 'IDLE Shell 3.9.1' terminal. It shows the output of running the script:

```
Python 3.9.1 (tags/v3.9.1:1e5d33e, Dec 7 2020, 17:08:21) [MSC v.1927 64 bit (AMD64)] on win32
Type "help", "copyright", "credits" or "license()" for more information.
>>>
===== RESTART: C:/Users/HP/AppData/Local/Programs/Python/Python39/prac.py =====
The sum of (0) and (1) is (2)
>>> |
```

