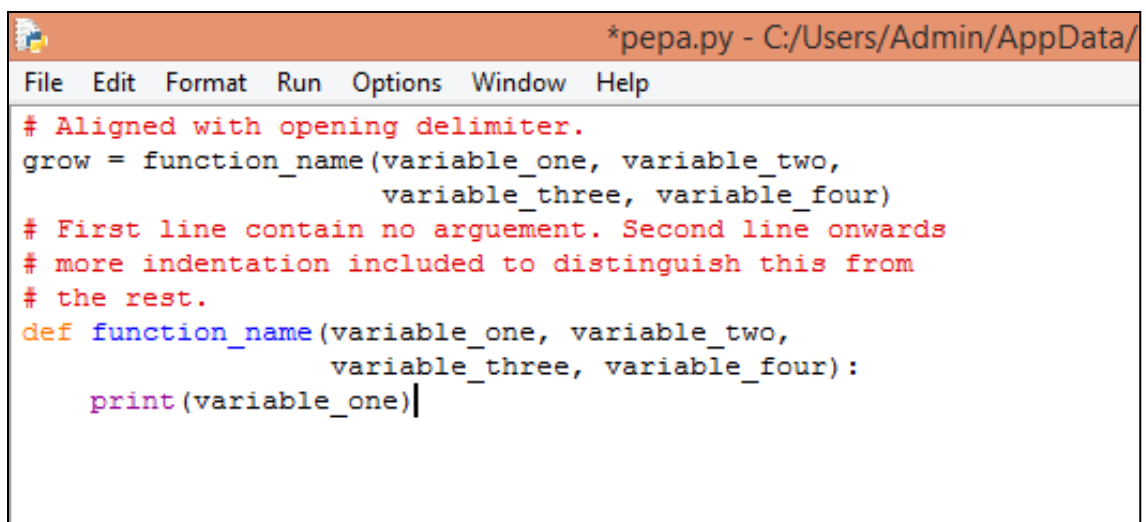# PRACTICAL 7
Implementing coding practices in python using PEP8

PEP8 is a style guide for python code. PEP stands for Python Enhancement Proposal , and they describe and document the way python language evolves. It is a document that describes new features proposed for python and document aspects of python, like design and style. It promotes a very readable and eye-pleasing coding style.
Important things to keep in my mind are :

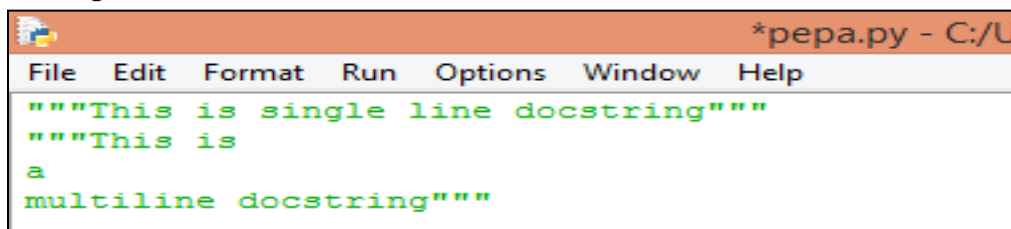1. Use 4-space indentation and no tabs.
    Examples :

2. Use docstrings : there are both single and multi- line docstrings that can be used in python . However, the single line comment fits in one line, triple quotes are used in both the case. These are used to define a particular program or define a particular function.
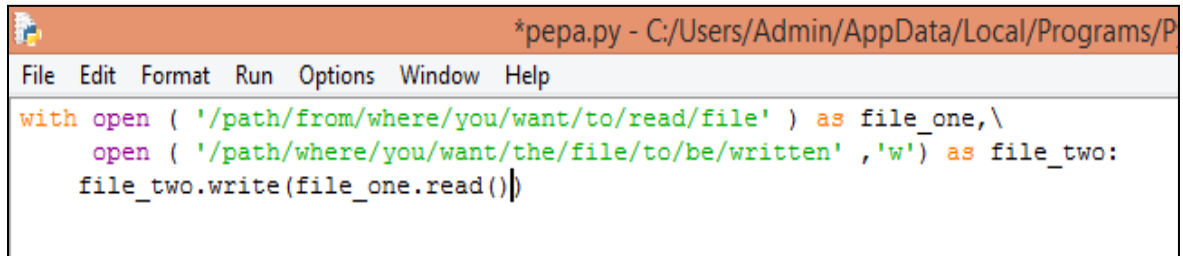   Example:

3. Wrap line so that they don't exceed 79 characters : The python standard library is conservative and requires limiting lines to 79 characters. The lines can be wrapped using parenthesis, brackets, and braces. They should be used in preference to backslashes.
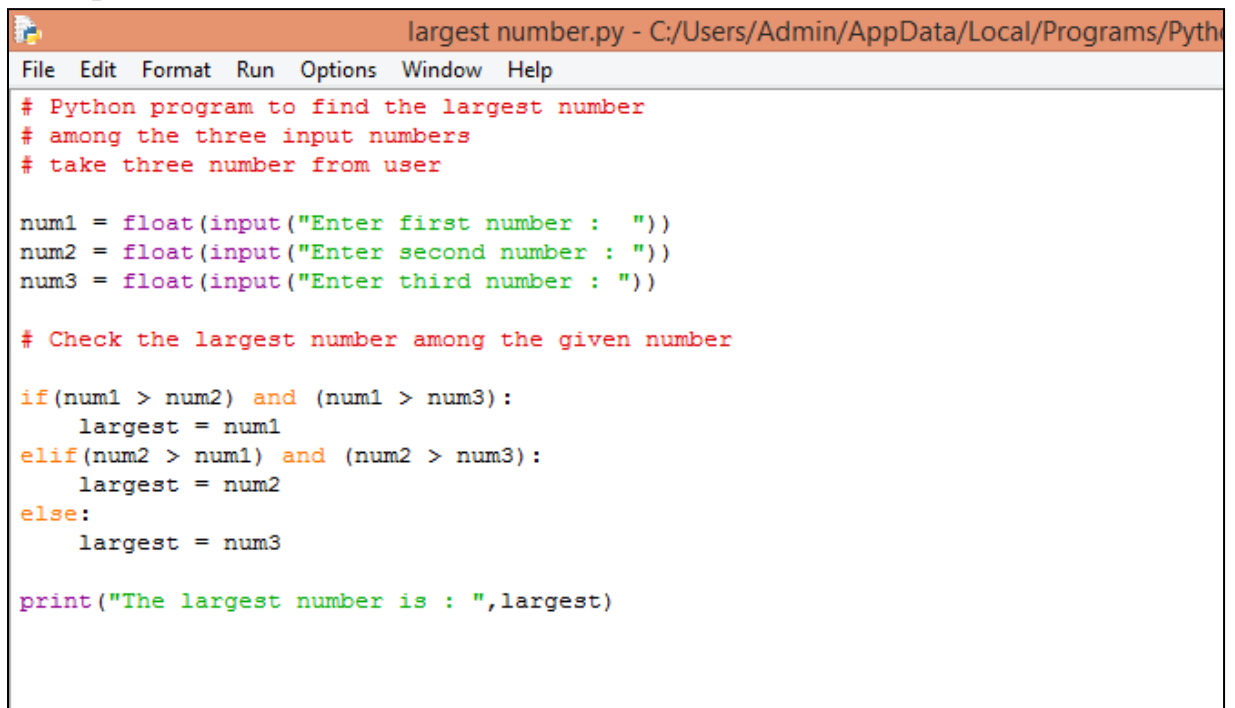
Example :

```
*pepa.py - C:/Users/Admin/AppData/Local/Programs/P
File  Edit  Format  Run  Options  Window  Help
with open ( '/path/from/where/you/want/to/read/file' ) as file_one,\
     open ( '/path/where/you/want/the/file/to/be/written' ,'w') as file_two:
   file_two.write(file_one.read())
```

4. While naming the function of methods always use self for the first argument. If the function argument name matches with reserved words then it can be written with a trailing comma.

Example :

```
largest number.py - C:/Users/Admin/AppData/Local/Programs/Pyth
File  Edit  Format  Run  Options  Window  Help
# Python program to find the largest number
# among the three input numbers
# take three number from user

num1 = float(input("Enter first number :  "))
num2 = float(input("Enter second number : "))
num3 = float(input("Enter third number : "))

# Check the largest number among the given number

if(num1 > num2) and (num1 > num3):
    largest = num1
elif(num2 > num1) and (num2 > num3):
    largest = num2
else:
    largest = num3

print("The largest number is : ",largest)
```