

Practical No 7

Name – Gunja Singh

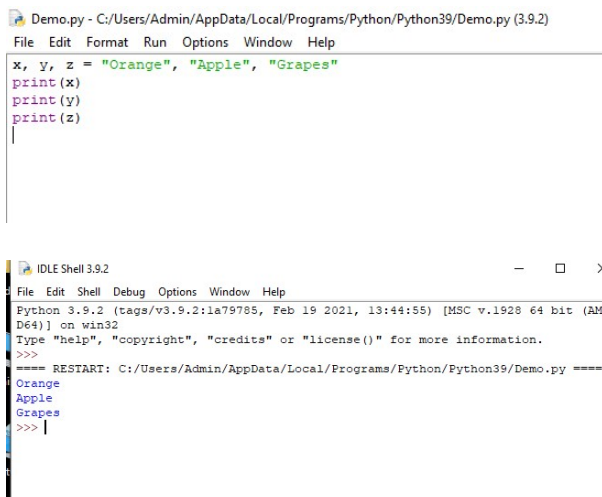
Roll No – 88

Class – FYIT

1) Implementing coding practices in Python using PEP8.

Continuation lines should align wrapped elements either vertically using Python's implicit line joining inside parentheses, brackets and braces, or using a hanging indent. When using a hanging indent, the following should be considered; there should be no arguments on the first line and further indentation should be used to clearly distinguish it self as a continuation Line

Correct:



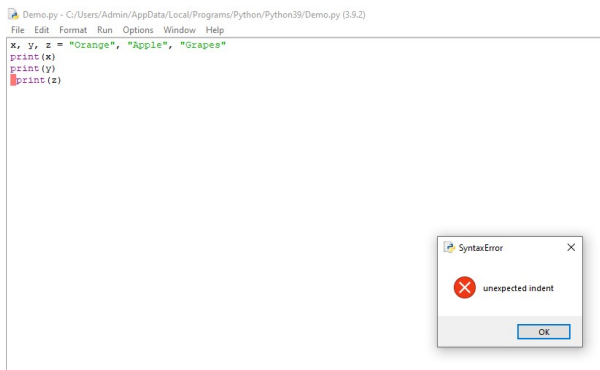
The screenshot shows a Python IDE window titled 'Demo.py - C:/Users/Admin/AppData/Local/Programs/Python/Python39/Demo.py (3.9.2)'. The code in the editor is:

```
x, y, z = "Orange", "Apple", "Grapes"
print(x)
print(y)
print(z)
```

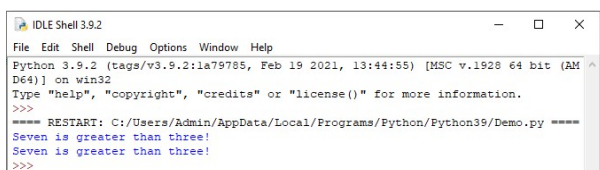
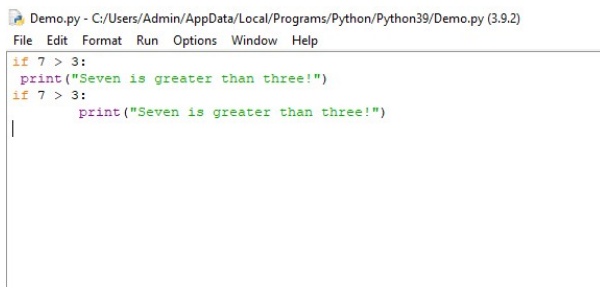
Below the editor, the IDLE Shell 3.9.2 window shows the output of the code:

```
Python 3.9.2 (tags/v3.9.2:1a79785, Feb 19 2021, 13:44:55) [MSC v.1928 64 bit (AMD64)] on win32
Type "help", "copyright", "credits" or "license()" for more information.
>>>
===== RESTART: C:/Users/Admin/AppData/Local/Programs/Python/Python39/Demo.py =====
Orange
Apple
Grapes
>>>
```

Wrong Indent Example



Python was designed for readability, and has some similarities to the English language with influence from mathematics. Python uses new lines to complete a command, as opposed to other programming languages which often use semicolons or parentheses.

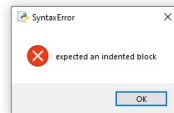


Pep8 is one of the tools for accurately writing Python codes with proper rules and styling for the codes. This documentation of rules is very important for the developers to write the code which is more readable and less complex for others.

Demo.py - C:/Users/Admin/AppData/Local/Programs/Python/Python39/Demo.py (3.9.2)

File Edit Format Run Options Window Help

```
n = 10
if n> 4:
print "n is greater"
```



Demo.py - C:/Users/Admin/AppData/Local/Programs/Python/Python39/Demo.py (3.9.2)

File Edit Format Run Options Window Help

```
n = 10
if n> 4:
print ("n is greater")
|
```

IDLE Shell 3.9.2

File Edit Shell Debug Options Window Help

Python 3.9.2 (tags/v3.9.2:1a79785, Feb 19 2021, 13:44:55) [MSC v.1928 64 bit (AMD64)] on win32
Type "help", "copyright", "credits" or "license()" for more information.

>>>

==== RESTART: C:\Users\Admin\AppData\Local\Programs\Python\Python39\Demo.py ====

n is greater

>>> |



Edit with WPS Office