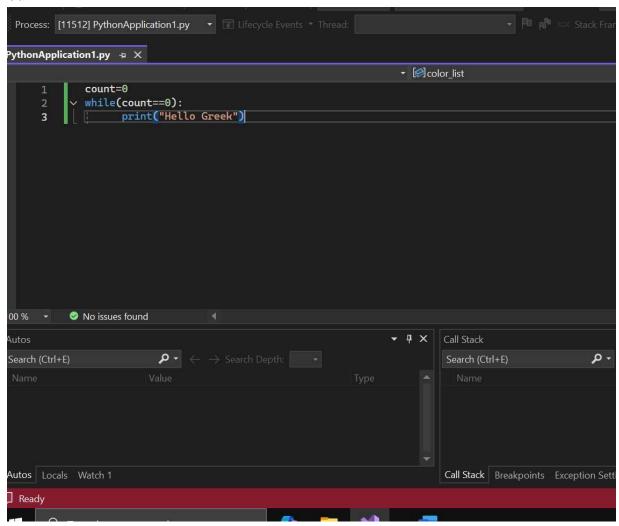
Iterative Structures in python:

While Loop:

Single statement while block:

out

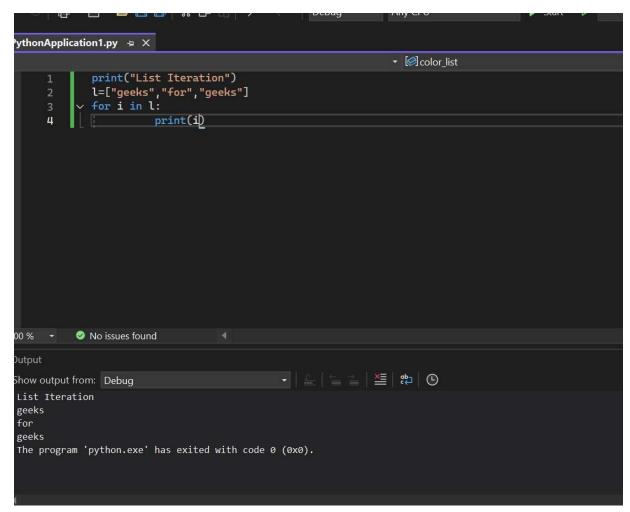


Output:

Give infinite loop

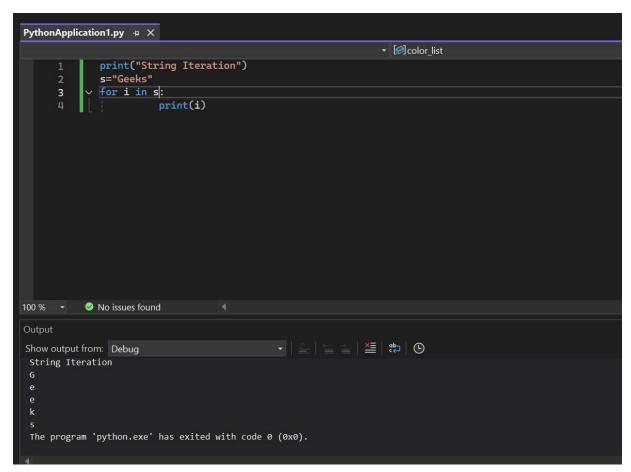
For in loop:

Example 1:

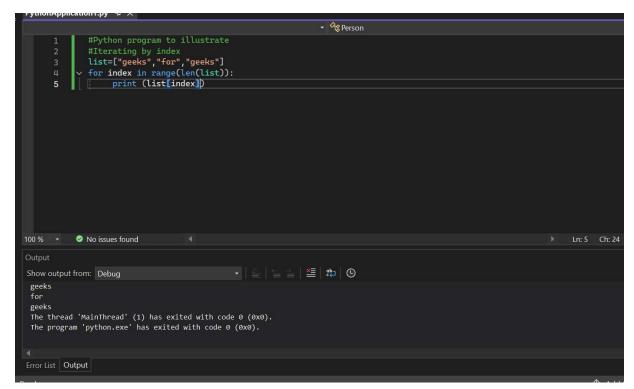


Example 2:

Example 3:

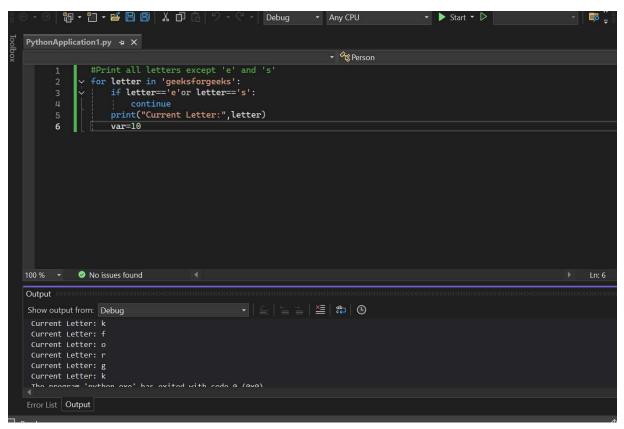


Iterating by index of sequences:

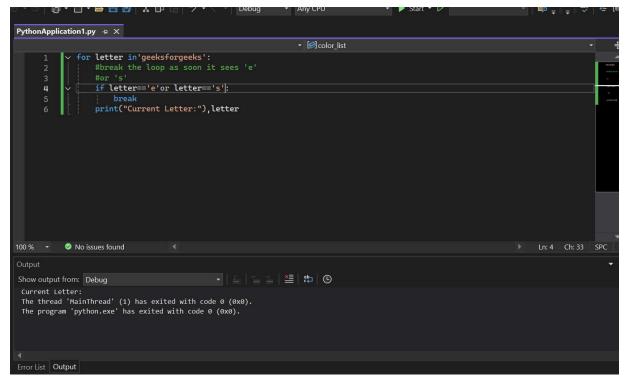


Loop Control Statements:

Continue statement:

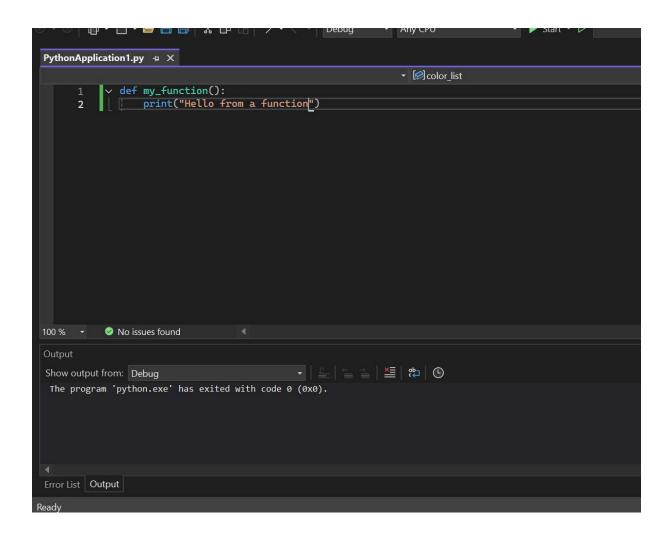


Break statement:

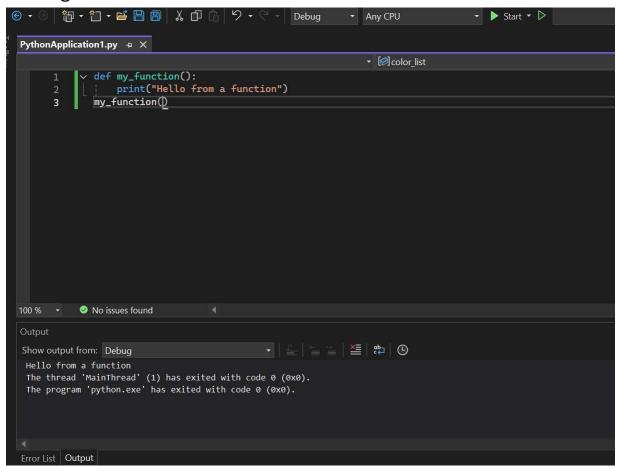


Python Functions:

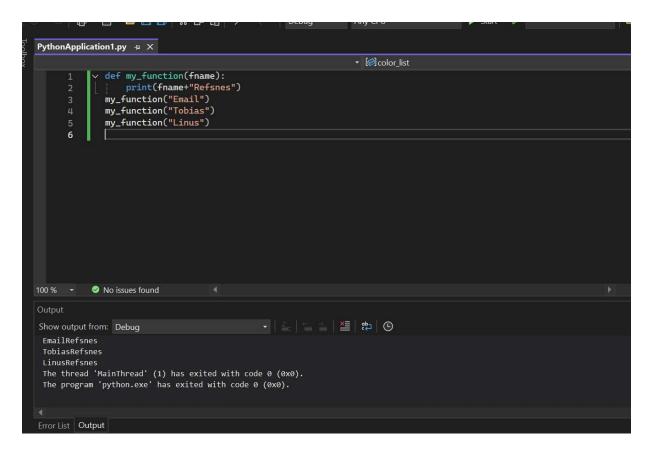
Creating a function:



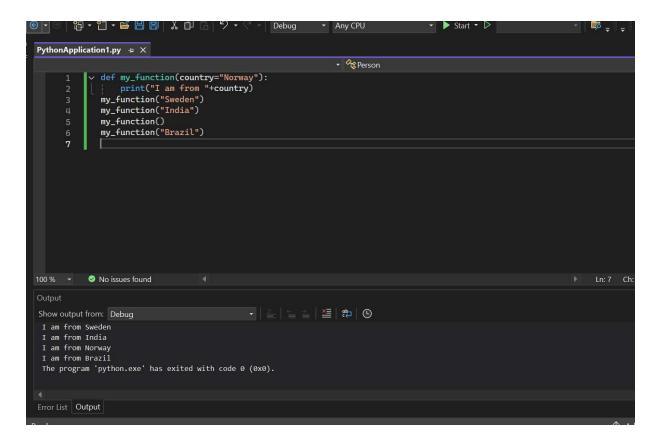
Calling a function:



Parameters:



Default parameter value:



Passing a list as a Parameter:

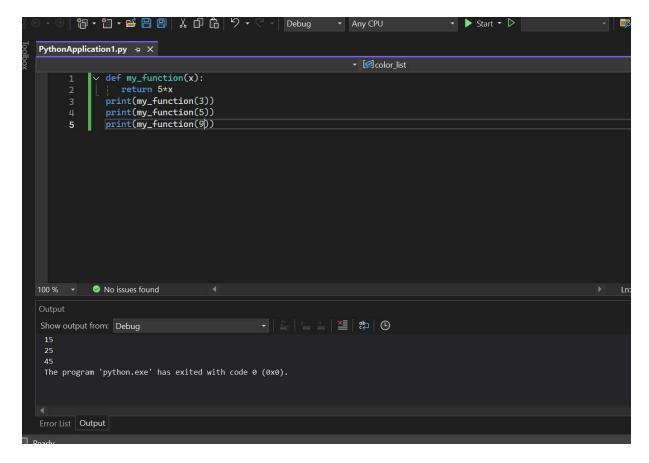
```
PythonApplication1.py a X

PythonApplication1.py a X

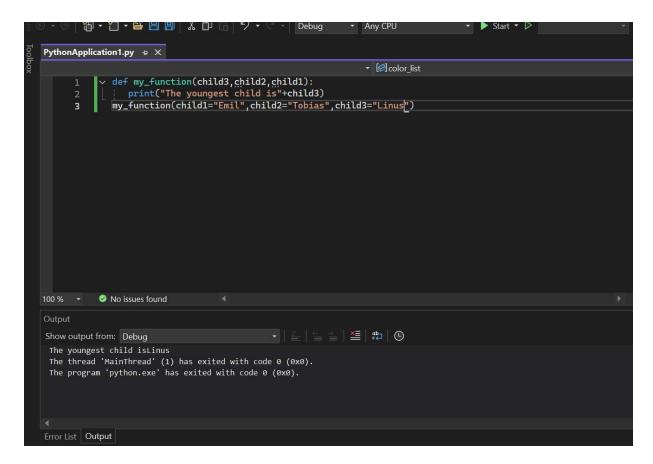
Output

Show output from: Debug apple banana cherry
The program 'python.exe' has exited with code o (exa).
```

Return values:

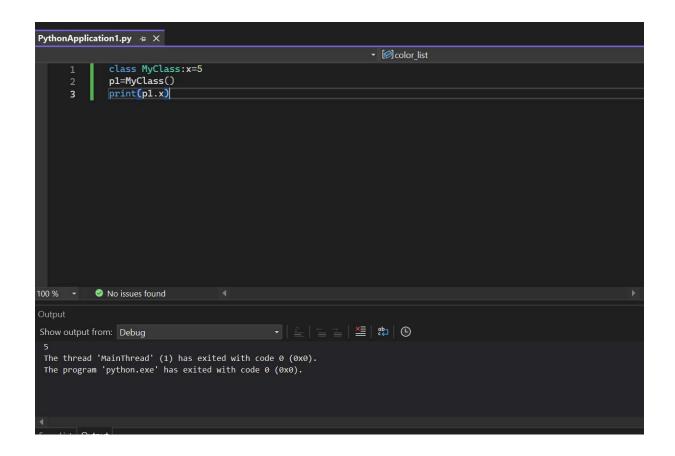


Keyword Arguements:

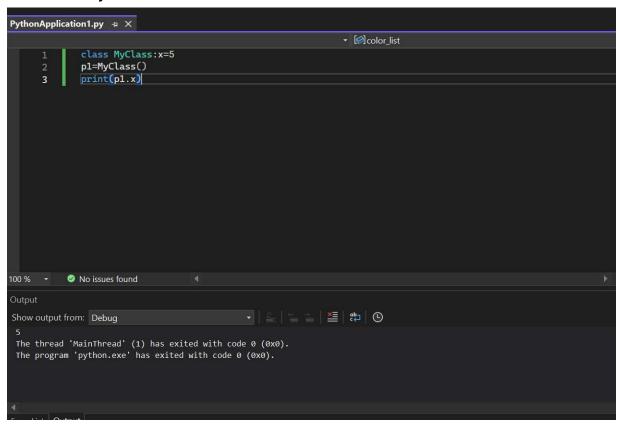


Python Classes/Objects:

Create a class:



Create Object:



The int_Function:

```
物・* → ■ ■ * □ 6 り・♡ - Debug
                                                                                                  ▼ ▶ Start ▼ ▷

→ Any CPU

PythonApplication1.py 🕫 🗙
                                                                           🕶 প্র Person
            v class Person:
                    def __init__(self, name, age): # Fixed constructor name
    self.name = name
                         self.age = age
                # Creating an instance of the class
p1 = Person("John", 36)
                # Printing attributes
print(p1.name)
                print(p1.age)
100 % ▼  

No issues found
                                                                                                                                          Ln: 12
                                                     Show output from: Debug
 The thread 'MainThread' (1) has exited with code 0 (0x0). The program 'python.exe' has exited with code 0 (0x0).
Error List Output
```

Object Methods:

```
PythonApplication1.py $\psi$ \text{\text{$\infty}$ \text{\text{$\infty}$ \text{\text{$\infty}$ \text{$\infty}$ \text{\text{$\infty}$ \text{\text{$\infty}$ \text{$\infty}$ \text{\text{$\infty}$ \text{\text{$\infty}$ \text{$\infty}$ \text{$\infty}$ \text{\text{$\infty}$ \text{$\infty}$ \text{\text{$\infty}$ \text{$\infty}$ \text{$\infty}$ \text{$\infty}$ \text{\text{$\infty}$ \text{$\infty}$ \text{$\infty}$ \text{\text{$\infty}$ \text{$\infty}$ \text{$\infty}$ \text{$\infty}$ \text{$\infty}$ \text{$\infty}$ \text{\text{$\infty}$ \text{$\infty}$ \text
```