**35.What is local and global variables in python?**

**Objective:**

* To see what is local & global variables in python3.

**Process:**

* **Local variables**

It should be declared within the function.

We can use local variables within their scope only.

* **Global variables**

It should be declare outside the function.

If it is declare within the function use global keyword at the start of the declaration.

Once made change in global variable the entire program will be change.

We can use global variable anywhere in the program.

**Input:**

* Local and global variables.

**Output:**

* Multiplication using local and global variable.

**Source code:**

#declare a global variable

y = 5

#declare a global variable with in function

#declare a local variable a

def func1(a):

global z

z = 3

return a\*z

#declare another function with local variable x

def func2(x):

return x\*y

#method call using positional arguments

total = func1(3)

total1 = func2(4)

print("\n")

#print the result

print("multiplication of local and global variable is:",total)

print("\n")

print("multiplication of local and global variable is:",total1)

**Screen shot:**



