Python Lab 1

**Q.1 print helloworld**

print ("helloworld")  #------> using print function to print helloworld

**#<-------------- Output ----------->**

**#          helloworld**

**Q.2 describe local variable and global variable code**

a=10  #-----------> Declaring Global Variable

def fun():

    b=5  #---------> Declaring Local Variable

    print("Local Variable")

    print("Value of b is: " , b) #-----> Print Local variable

print("Global Variable")

print("Value of a is :",a)   #--------> Print Global Variable

fun()    #---------> Calling Function

**'''<--------------------- Output -------------------->**

**Global Variable**

**Value of a is: 10**

**Local Variable**

**Value of b is:  5**

**'''**

**#   Q.3 Write a code that describe Indentation error**

def greet(name): #------> Defining Function greet

print("Hello, " + name)

    #   the line that prints the greeting (print("Hello, " + name)) is not properly indented.

greet("Alice")

**'''<------------------- Output ----------------->**

**---Error Message ---**

**expected an indented block after function Defining on line 1.''**

**Q.4 write a code that describe local and global variable with same name**

a=10  #------->Global Variable

def Fun():   #------> Declaring function

    a=20

    print("Local Variable")

    print("Value of a is ",a) #------->Printing 'a' As local Variable inside the function

print("Global Variable")

print("Value of a is ",a)   #-------> printing 'a' as Global Variable

Fun()  #---------> Calling function

**#------------- Output ----------->**

**Global Variable**

**Value of a is  10**

**Local Variable**

**Value of a is  20**

**Q.5 Write a code for string, int and float input.**

a=int(input("Enter an Integer Value ")) #----->Taking Integer Variable from User

b=float(input("Enter a Float Value"))  #----->Taking Float Variable from User

c=input("Enter String Value ")   #----->Taking String Variable from User

print (" Integer Value :",a) # ---->Printing Value of a

print (" Float Value :",b)   # ---->Printing Value of b

print (" String Value :",c)   # ---->Printing Value of c

**#------------- Output-------------->**

**'''**

**Enter an Integer Value 50**

**Enter a Float Value99.9**

**Enter String Value Suraj**

**Integer Value : 50**

**Float Value : 99.9**

**String Value : Suraj**

**'''**