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
'''
```