1. What is difference between loop and statement?

Ans: Statement is executed only once ex: if, else. But loops are executed multiple times depending upon sequences ex: for, while those sequences are list, tuple, str, range (), array, dict.

1. What are parameters?

Ans: Parameters are defined in function parameters are also called as formal arguments

1. What are arguments?

Ans: The data passed to function that data is actual data.

1. What is difference between actual and formal arguments?

Ans: Actual arguments contain actual data whereas formal arguments are parameters to receive that data.

1. What id difference between local variables and global variables?

Ans: local variables are declared inside the function they will be available in function only. their scope is limited to functions only.

Global variables: global variables are declared outside the function. They are available inside and outside the function.

We can declare global variable inside the function as well using global keyword.

Local variables dominate global variable inside the function locally when they have same variable name.

Example:

x=25

def display():

    x=10

    print(x)#local variables dominate global variables inside function locally.

    y=globals()['x']#to acces global variables over local variables.

    print(y)

display()

1. What is difference between decorator and generator function

Decorator: It will modify result of another function.

It will modify type of another function.

Generator: generates range of numbers.

Stores the result in object.

Range is a generator function.