Assignment 3(python module)

Ans\_12—if in module named - spam, we have any function with name – bacon

We can call this function as

Code----

Import spam as sp

sp. bacon ()

give value of argument asked by the function to give result as output after calling function

Ans\_14—we put the suspicious part of the code inside try block, if that part of the code runs without giving error, then the except block does not run, but if the part of code which is put inside try block does not run successfully than except block runs successfully and because of this the other modules which are present below this module, their execution is not affected and they run independently

Ans\_ 10- data type of None is – NoneType

Code----------

None

type (None)

result—NoneType

Ans\_13—for saving any program from crashing if error occurs we can use –error handling and in error handling we can use try block, except block, else block and also finally block

Ans\_8—if any function is not having return statement, then after calling function and giving asked argument value we will not get any output also no error

Ans\_1—functions are very advantageous in any programming language because with the help of functions we can very easily write our code as functions reduces the length of code hence functions increase the re-useability of code and we don’t have to write all the codes again and again

Ans\_2—the code specified inside the function only runs when the function is called not at the time of specifying the code inside the body of any function

Ans\_ 3--for creating any function we use keyword—(def), after that we give the name of the function as

Code-----

def test4(a):

return a\*2

def--- is the keyword

test4(a) – is the name of the function with ‘a’ as argument

Ans\_4—function contains the ‘body’ which has all the codes depending upon the nature of the operation of function and a ‘return’ which holds what function will as output

whereas function call only has name of the function along with value of argument inside parentheses ()

Ans\_5—in any python program there is only one single global scope which can be accessed from anywhere

But there can be any number of local scopes in any python program say ‘n’

Ans\_6—when the function call return statement all local variables gets destroyed

And we cannot access them anymore

Ans\_7—we can get any return value (list, tuple, dictionary, integer, float, Boolean etc.) from the function when function call return statement

Yes, we can get expression too as return value from any function

Ans\_ 9—if we want to use any global variable inside function, we have to use a keyword ‘global’ before writing the variable as

Code—

a=100

def test(b):

global a

return a\*b

Ans\_11—this sentence --import areallyourpetsnamederic

Will import the module with name ‘areallyourpetsnamederic’ if it exist but if it does not exist then we will get error saying no such module exist