DEMO CLASS EXERCISE

Consider at the following code:

Def Cal\_force(mass, g)

knowing the mass and gravity you calculate the weight:

Phy\_force = mass \* g;

print(“%.2f kg of mass gives a weight of %.2f N” %(,phy\_force))

Clearly, there several things wrong with it. Using your python expertise, fix this broken code to make

the program functional.

a.

During the fixing process, record the bugs you encounter. Show how you fixed them.

b.

You can use either python internal debugging tool to identify bugs or can do the process

manually.

c.

Test the fixed program to see if it meets its primary purpose of calculating weights. Take

screenshots to demonstrate your procedure. Tips: use a testing range of 0 to 3 kg. For the

expected outputs, take g = 9.8 and 2.5

Error 1:

Syntax Error: invalid syntax

Possible cause: I did not define the function Cal\_force properly. Python function requires a : at the end of () thus the error

Correction:

Def Cal\_force(mass,g):

Error 2:

Possible cause:

Phy\_force= mass\*g is the undefined.

Correction:

Cal\_force=mass\*g

Error 3:

Possible cause:

print(“%.2f kg of mass gives a weight of %.2f N” %(,phy\_force))-conversion is different from the argument.(g),(Kg). function phy\_force parsed is undefined

correction:

print(“%.2f kg of mass gives a weight of %.2f” %(Cal\_force))

Note:

I don’t understand part c