PF LAB #06 TASK Sec A

Note:

The instructions should be followed strictly otherwise you will be responsible for any marks deduction. Plagiarism will not be tolerated and individuals involved will be given straight Zero without any investigation. Comments on each line of code is mandatory otherwise marks will be deducted. You will have to submit .py file for each question e-g q1.py, q2.py etc (use the same naming scheme)

1. Write a function which calculates and returns the mass of earth in Kgs. You can use the following formula.

   5.972 × 10^24 kg

2. Write a function that takes the length, width and height of a parallelepiped and finds its volume.

   Call function using keyword argument

   Volume=length*width*height

3. Write a function that takes the radius and height of a cylinder and find its volume and circumference. (import pi from library)

   Formulas

   $C=2\pi r$

   $V=\pi r^2 h$

4. Write a function that takes quantity in pounds and convert it into gram and kilogram.

   Reflect the concept of required argument

   1 Pounds = 0.454 kilograms

   1 Pound = 453.59237 Grams