# Python - Continuation

1. Define, instantiate and test a class with at least two methods:
   1. getString: gets a string from console input and stores it in an attribute named “st” inside the class
   2. printString: prints in upper case the class attribute string stored in attribute “st”.
2. Define a class named Circle which is constructed with a radius argument in the following manner:

aCircle = Circle(2)

The Circle class should also have a method which can compute the area of the circle (). You will need to import the required module to access the pi mathematical constant.

1. Write a one line of code to raise a RuntimeError exception with an error message.
2. Define a class Person with one attribute “age” constructed upon instantiation via the \_\_init\_\_ constructor. Define also two child classes: Male and Female. All classes should have the method "getGender" which can print "Male" for Male class, "Female" for Female class and “Unknow” for the Person class. Overload the print operator of the Person class for a customized printout of a class instance.
3. Write a function that takes 2 input arguments (a and b and prints the result of the division a/b. Define the function so you try to do the division and raise a ZeroDivisionError exception if b = 0 (you cannot divide by 0). If you are working with Python 2.7, in order for the division operator to work as you expected to, you need to include the following line at the beginning of your code:

from \_\_future\_\_ import division