Development Exercises – Lab 3.2

Goal: The target of these exercises is to enable the student to practice and master programming skills during the course.

Instructions: You are required to submit programming assignments. More practice, more mastery. You must upload your code into GITHUB.
Rubric Evaluation:

- Complete RIGTH BICEP Analysis for each assignment - Add them as documentation in the code – 50%
- Working test cases – 50%

Programming Exercise	Description **For all Exercises in Lab 3.2 use unittest module in python**
1	Given the math.ceil function, - Define a set of unit test cases that exercise the function (Remember Right BICEP)
2	Given the filecmp.cmp function, Define a set of test cases that exercise the function (Remember Right BICEP)

3	Implement a class that manages a directory that is saved in a text file. The data saved includes:
	   a. Name
	   b. Email
	   c. Age
	   d. Country of Origin
	The class should have capabilities to:
	   - Add new record
	   - Delete a record
	   - Look for a record by mail and age
	   - List on screen all record information

Reference

https://docs.python.org/3/library/index.html