Zelle 3e Chapter 1 Coding Assignment

Background
While many of our coding assignments for this course will be taken from the companion exercises associated with the Zelle 3e text, I have decided against that approach for this chapter. I want to make sure that we are not concentrating on any more math than is necessary to learn programming.

Create PyCharm Project
There are 2 exercises in this assignment. Before starting work on them, you must create a properly named PyCharm project to contain your work. I recommend that you locate this project immediately within a directory that will hold all projects for this course. That directory might be named `my_python_course`.

The name of your project should identify both the student and the assignment. Generally, it should take the form:

```
lastName_firstName_exercises_zelle_3e_chapter_01
```

This naming scheme will help me identify your work and grade it more easily.

First Exercise
Create a new python program file named `solong.py`. This program should print a single line: "So long for now!". When coding, follow the good programming practices demonstrated in the text and in the tutorial videos that accompany this assignment:

- Include a single-line comment with name of program file.
- Include a single-line comment that describes the intent of the program.
- Place the code that does the printing in a function named `main`.
- Include a final line of code in the program that executes the `main` function.
- Follow all PEP-8 Python coding style guidelines enforced by the PyCharm Editor. For example, place two blank lines between the code making up a function and the code surrounding that function.

Model your solution after the code that I demonstrated in the tutorial video.

Remember to test your program.

Second Exercise
Copy the python file presented in Chapter 1 named `chaos.py`, creating a new file named `math101.py`. Modify the code in `math101.py` so that it prints a much simpler sequence of numbers: 2, 4, 6, 8, 10, 12, 14, 16, 18, 20. Model your solution after the code that I demonstrated in the tutorial video.

Remember to test your program.

Tools
Use PyCharm to create and test both python programs.

Submission Method
Follow the process that I demonstrated in the tutorial video on submitting your work. This involves:

- Locating the properly named directory associated with your project in the file system.
- Compressing that directory into a single .ZIP file using a utility program.
- Submitting the properly named zip file to the submission activity for this assignment.

Due By
Please submit this assignment by the date and time shown in the Weekly Schedule.