Case 3 assignments review program flow control with conditionals, loops, and iterations.

Review the videos and read chapter 9, and 10 (sections 10.1 – 10.4 and 10.7 only) in the online book of "Python 2: For Beginners Only” and complete the following exercises from “Python 2: For Beginners Only.”

Exercise 9.2, Exercise 9.3

Exercise10.2, Exercise 10.3

Create a Word file named as “ITM205-Case 3-Exercises-YourFirstNameLastName”containing a copy of each of the exercises’ IDLE source codes and running results with clear exercise numbers marked on the page.

You can use the Snipping tools or screen print (ctrl + Print Screen) to show the Pythons editor’s (IDLE) code and results and demonstrate that your program executed correctly.

Write a summary document in Microsoft Word format named as “ITM205-Case3-Summary-YourFirstNameLastName” to show what you have accomplished.

**Assignment Expectations**

Your ability to consolidate ideas from reading materials and apply what you have learned in this assignment will be assessed.

**Assignment-Driven Criteria (20 points):**Demonstrate mastery covering all key elements of the assignment.

**Critical Thinking (10 points):**Demonstrate mastery conceptualizing the problem. Solution is efficient, and easy to understand and maintain.

**Documentation (7 points):**Demonstrate clear and effective documentation and comments including descriptions of all variables, program logic, purpose of each function, control structure, input requirements, and output results.

**Runtime and Syntax (7 points):**Demonstrate mastery and proficiency in program execution with no syntax and runtime errors.

**Assignment Organization (6 points):**Demonstrate mastery and proficiency following the required structure and organization of the assignment.

**In order to meet the all the expectations the following must be finished with good assignment organization:**

**Running examples:**Demonstrate that you have finished reading all the required chapters, running all examples in the chapters, and collecting all running results to submit.

**Coding exercises in Python:**Demonstrate you have finished programming the exercises requested, running them, and collecting all the results to submit.

**Summary document:**Demonstrate mastery of required Python programming statements and ability to conceptualize the problem. Submit a well-written summary report to share what you have learned and experienced.