**Module 2 - Case**

**INPUT, OUTPUT, AND BUILT-IN AND PROGRAMMER-DEFINED FUNCTIONS**

**Case Assignment**

Case 2 assignments consist of keyboard input, formatted output, built in functions, and programmer functions:

Review the assigned videos in the background materials of the course before attempting to read the Python chapters.

* Complete the following exercises from chapters 5, 6, 7 and 15 from “Python 2: For Beginners Only.”

Exercise 5.1, Exercise 5.3, and Exercise 6.3.

Exercise 7.2, Exercise 7.3,

Exercise 15.3, Exercise15.4 (exercises 1-4 only)

Create a Word file named as “ITM205-Case 2-Exercises-YourFirstNameLastName”containing a copy of each of the 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-Case2-Summary-YourFirstNameLastName” to show what you have accomplished through the exercises.

**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.

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