Georgian

This lab is to be completed at home and is due:
Due Time: Saturday, Jan 18, 11:59 PM EST

Plagiarism is the presentation of someone else's work as your own. Any help you get to complete this assignment should be general guidance only, submitting work that is completed or directly influenced by a third party or information copied from the internet is considered plagiarism. Plagiarism will result in an academic misconduct which will result in a zero in the work completed or a zero in the course.

- This assignment is to be completed individually and must be uploaded before the due date/time.
- Solutions must be based upon concepts studied in this course, do not use constructs beyond the scope of this course.
- To complete this lab, please refer to Module 1-2 Jupyter Notebooks and chapter 1, 4, 5, 6 of your textbook.
- There will be 10 graded assignments/labs in total, each assignment is worth 2% of course marks.
- Submit your solution as **.ipynb file** in Blackboard.
- Submission pattern: **First Name_LastName_Lab02.ipynb**

Lab 2: Grocery Expense Tracker **(4 points)**

Scenario: A family wants a detailed breakdown of grocery expenses for Apples, Bread, Milk, and Eggs..

Tasks: You need to:
1. Store the names, prices, and quantities in separate lists.
2. Calculate the total cost for each item.
3. Identify the most expensive and least expensive items:
4. Display the results in a well-formatted way.

Note 1: Please do not use if else statements, user defined functions, and topics not covered so far.

Note 2: Please use proper documentation/comments in your code to make it readable. In case of missing comments/documentation, a penalty of 25% scores will be applied.

Grading Rubric based upon solution functionality.

Solution Level	Very poor functionality	Poor functionality	OK functionality	Good functionality	Very good functionality
Grade range	0-20%	20-40%	40-60%	60-80%	80-100%

Grading guidelines

- Wrong file format uploaded 0%
- Late submission – 0%
- Submission by emails: 0%