Lab 2

SUBMIT original code in Python to solve the problem below.

Please be aware that copying and pasting code from any other source other than code you have explicitly written on your own is considered plagiarism. If you receive help, that is fine (document help in the comments of your code) however you need to write your own code, name your own variables, and comment your own code. Students turning in the exact same work as another student will all be given zeros. Plagiarism is not tolerated, and students found to be plagiarizing will be given a zero and reported to the University with the possibility of termination of the class and degree program.

Write a Python program that will determine food costs for the KSU CCSE hackathon. The hackathon will have pizza and salad option. The program should ask the number of people who ordered pizza and the number of people who ordered a salad. Each person who orders pizza is allocated three (3) slices of pizza. Each salad costs $7.99 per person. Each whole pizza costs $15.99 and has 12 slices per pizza. Only whole pizzas can be ordered.

If more than ten (10) whole pizzas are ordered, then there will be a 15% discount to the pizza cost. If more than 10 salads are ordered there will be a 15% discount to the salad cost. The delivery charge is 7% of the entire order prior to discounts or $20 minimum.

Display the number of each type of meal ordered (input is not considered as a display/output). Determine and display the number of whole pizzas needed. Display the cost of the pizza's and display the cost of salads (before any discounts). Display the discount amount and delivery charge. Finally display the total amount due. You do not need to round or truncate your output.

Save your program as Lab2.py and upload your source file to the appropriate dropbox in GradeScope, ***NOT D2L!***

Example of input

Number of pizza orders ***43***
Number of salad orders ***7***

Example of output

Pizzas ordered: 11
Pizza cost $ 175.89000000000001
Salad cost $ 55.93
Total $ 231.82000000000002

Discount $26.3835
Delivery fee $ 20.0
Total amount due $ 225.43650000000002

REMEMBER

- Include the comment heading at the top of your code.
    - `# Program Name: Lab2.py (use the name the program is saved as)`
    - `# Course: IT1114/Section XXX`
    - `# Student Name: John Doe`
    - `# Assignment Number: Lab#`
    - `# Due Date: xx/xx/ 20XX`
    - `# Purpose: What does the program do (in a few sentences)?`
    - `# List Specific resources used to complete the assignment.`

- Place comments within your code explaining the programming segments