Lab 1 Assignment
ITS 265

Question 1. (40 points)
Write a Python code to ask user to enter two values and operation (addition, subtraction, multiplication, division). Read them and show an answer.

Question 2 (30 points)
Add a buyLotsOfFruit(orderList) function to buyLotsOfFruit.py which takes a list of (fruit,pound) tuples and returns the cost of your list. If there is some fruit in the list which doesn't appear in fruitPrices it should print an error message and return None. **DO NOT** change the fruitPrices variable.

Question 3 (30 points)
Fill in the function shopSmart(orderList,fruitShops) in shopSmart.py, which takes an orderList (like the kind passed in to FruitShop.getPriceOfOrder) and a list of FruitShop and returns the FruitShop where your order costs the least amount in total. **DO NOT** change the file name or variable names.

Note: shop.py is provided. Do not change anything in this file.

Submission: Use **Zip** to compress all four codes including "**shop.py**". Use "**ITS265-Lab1-*FirstnameLastname*.ZIP**" for the filename. Your code should satisfy all requirements and have good documentation. Documentation should be detail enough to understand your logic and algorithm. Include screen shots that demonstrate your program works. Grading will be based on your completion of problem and code documentation. **Submit the zipped file to Brightspace.**