CIS 121 Introduction to Programming. Assignment 2 Problems
Develop an IPO Chart and C++ code the following problems. Upload the IPO and code files to Blackboard.
Save your files with the convention PS2P1, PS2P2 etc. PS1P1 is Problem set 1, program 1 etc.

1. Allow the user to enter two exam scores from the keyboard. The first exam is worth 60% of the total points and the second exam is worth 40%. Calculate the total score by multiplying each exam score input by the respective weighting then add the two results together. Display the total.

input	process	output
Exam1 score,exam2 score	Weighted score = (exam 1 *o.6) + (exam 2 * 0.4)	Display total score

2. Given the current stock price and quantity of stock, display the current value of the stock in your portfolio.

Input	process	output
Current stock price, quantity of stock	Value= price x quantity	Display portfolio value

3. Enter the total for a meal. Compute a tip at 15%. Display total, tip and total with tip.

input	process	output
Meal total	Tip = total x 0.15: grand total = total + tip	Display tip,total,total with tip

4. The purchase price and current price of a stock is entered into your program. Display the percentage increase of decrease of the stock.

Input	process	output
Pruchase price, current price	Percentage change = ((current – purchase) / pruchase) x 100	Display percentage increase/decrease

5. You are setting up a business and need to compute the break even point. This indicates how many items you must sell at a given price to cover your overhead. Enter fixed costs, price per unit and cost per unit into your program. Compute the break even point by dividing fixed costs by the difference of price per unit and cost per unit.

input	process	output
Fixed costs, price per unit, cost per unit	Break-even=fixed cost/(price per unit-cost per unit)	Display break-even point