

Assignment 2

Due: Tuesday, September 18, 2018

The assignment must be submitted over the e-learning

Write a C++ program that computes Stock Transaction Program

Last month Joe purchased some stock in Amity Software, Inc. Here are the details of the purchase:

- The number of shares that Joe purchased was 1,500.
- When Joe purchased the stock, he paid \$45.75 per share.
- Joe paid his stockbroker a commission that amounted to 2.27% of the amount he paid for the stock.

Two weeks later Joe sold the stock. Here are the details of the sale:

- The number of shares that Joe sold was 1,500.
- He sold the stock for \$58.75 per share.
- He paid his stockbroker another commission that amounted to 2.55% of the amount he received for the stock.

Write a program that displays the following information:

- The amount of money Joe paid for the stock.
- The amount of commission Joe paid his broker when he bought the stock.
- The amount that Joe sold the stock for.
- The amount of commission Joe paid his broker when he sold the stock.
- Display the amount of profit that Joe made after selling his stock and paying the two commissions to his broker. (If the amount of profit that your program displays is a negative number, then Joe lost money on the transaction.)

You must SUBMIT only the C++ code (.cpp file) over the elearning.

Programming assignments will be graded utilizing the following criteria:

- Program Design & Program Execution
- Satisfaction of specification
- Coding Style & comments
- Documentation

NOTE:

Your code must contain the information (as comments):

- Your complete Name
- Course Name
- Course Number
- Section
- Due Date
- Date Completed
- Date Submitted