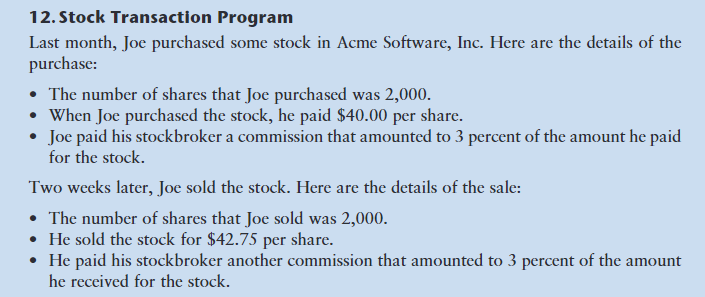
**Programming Exercise 2-12**

****

Write a python program called **stocks** that will print the following:

* Amount paid for the stock
* Commission paid on the purchase
* Amount the stock sold for
* Commission paid on the sale
* Profit (or loss if negative)
  + amount sold for – (amount paid + commission on purchase + commission on sale)

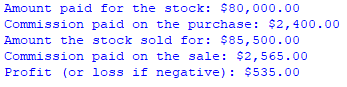
Do hand calculations so you know what your output results should be.

Use the flowchart below to help sequence your code.

Commit **stocks** to your github repository CS175L

Upload the github link to the dropbox.

Your printed output should look like this:

****

Flowchart

Constant Real COMMISSION\_RATE = 0.03

Constant Integer NUM\_SHARES = 2000

Constant Real PURCHASE\_PRICE = 40.0

Constant Real SELLING\_PRICE = 42.75

Declare Real amountPaidForStock

Declare Real purchaseCommission

Declare Real totalPaid

Declare Real stockSoldFor

Declare Real sellingCommission

Declare Real totalReceived

Declare Real profitOrLoss

Set amountPaidForStock = NUM\_SHARES \* PURCHASE\_PRICE

Set purchaseCommission = COMMISSION\_RATE \* amountPaidForStock

A

Set totalPaid = amountPaidForStock + purchaseCommission

Set stockSoldFor = NUM\_SHARES \* SELLING\_PRICE

Set sellingCommission = COMMISSION\_RATE \* stockSoldFor

Set profitOrLoss = totalReceived - totalPaid

Set totalReceived = stockSoldFor - sellingCommission

B

Display “Amount paid for stock: $”, amountPaidForStock

End

Display “Profit (or loss if negative): $, profitOrLoss

Display “Commission paid on the sale: $”, sellingCommission

Display “Amount the stock sold for: $”, stockSoldFor

Start

A

B

Display “Commission paid on the purchase: $”, purchaseCommission