Problem Solving Challenge 1

*With a partner, use the problem solving approach covered on day 1. Write out an algorithm on paper along with hand calculations to determine expected output.*

Kathryn bought 750 shares of Microsoft Corporation (MSFT) stock at a price of $70.43 per share. She must pay her stock broker a 2% commission for the transaction. The algorithm should calculate and display the following:

1. The number of shares and stock symbol.
2. The amount paid for the stock alone (without the commission)
3. The amount of the commission
4. The total amount paid (for the stock plus the commission)

If your algorithm has numbers in it, replace them with variables or named constants so that it can be reused for other data. Example: 150 shares of Apple (AAPL) at $145.63.