Program 6 Algorithm

* 1. Ask user for name of stock purchased
     1. Convert to all upper case
        1. If name entered is found, skip to step 2
        2. If name entered is not found, warn user and return to step 1
        3. If quit is entered, end program
  2. Open corresponding stock csv file
  3. Ask user for stock purchase date
     1. If date is correctly formatted, skip to step 4
     2. If date is incorrectly formatted, warn user and return to step 3
  4. Ask user for date stock was sold
     1. If date is correctly formatted, skip to step 5
     2. If date is incorrectly formatted, warn user and return to step 4
  5. Convert each line of csv file to tuples
  6. Search through tuples for matching start date
     1. If found, skip to step 7
     2. If not found, warn user and return to step 1
  7. Ask user how many stocks were purchased on start date
     1. If user enters a valid integer, skip to step 8
     2. If user enters invalid input, warn user and return to step 7
  8. Search through tuples for matching end date
     1. If found, skip to step 9
     2. If not found, warn user and return to step 1
  9. Output formatted results
  10. Close csv file
  11. Return to step 1