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Homework 2 VBA Summary

**1).** Wrote a sub routine (a visual basic function) collecting cell values from the excel workbook for “ticker” and total “stock volume” and creating “summary table”.

**A)** Used VBA .syntax to select cell values from Excel worksheets.

**B)**  Used “for-loops” and “conditional statements” to iterate through rows of data.

**C)** Declared variables in memory to sum and append “total stock” values to “summary table”.

**2).** Created “for-loop” to loop through each cell in ticker column of excel worksheet and append to summary table along with sum of the total volume for that ticker.

**A)** Created “for-loop” to iterate over each row of excel worksheet .

**B)** Within “for-loop”, created if statement to compare “ticker” cell values and append to “summary table” column when stock ticker changes.

**C)** Within “for-loop”, created else statement to sum “stock value” when “ticker” value changes.

**3).** Create a “for-loop” that loops through every work sheet of the excel workbook and collects the stock data for each year.

**A)** Wrote logic to create column headers for “ticker” and “total stock volume” by creating column headers in a “summary table” and appending values to each row.

**B)** Wrote logic to gather data for “ticker” and “total stock volume” by assigning cell values to variable and iterating through each row of the excel worksheet

**C)** Placed all sub routine logic inside of “for-loop” that applies it to every year of stock data within the excel workbook.