

VBA Instructions

To test your ability to learn and write VBA, please complete the following exercise:

Every US stock has an “open” price, corresponding to the market open, and a “close” price, corresponding to the market close. Measuring the move between the open and close prices isn't a perfect metric for which stocks were most actively traded, but it's a decent proxy.

The attached spreadsheet has two tabs: “open_prices” and “close_prices”. Each tab contains a list of stocks (specifically, those recently included in the S&P500) and their open/close prices (in addition to other information about each stock). We would like you to create a macro called “largest_mover” that finds the stock with the largest move, up or down, in percentage terms, and pops up a message box that says:

“Largest move was +/- X.XX% in XYZ Equity”

Please send us the code for your “largest_mover” macro in the body of your email, along with any other functions required for it to run.

The macro should work even if the spreadsheet changes at some point. For example, stocks may be added to or removed from the index, and sometimes additional columns are added. We guarantee there will always be “Product” and “Price” columns in the first row of both of these tabs, so please use these as references for where to find the necessary information.

The macro should not modify the workbook in any way, even if it reverts those changes later.

When learning to write VBA, it is often helpful to Google for examples of how to use different parts of the language. Feel free to use any resources you find online to construct your answer.