**Requirements/Grading Rubric**

* (1 pt) You can start with a list of all the currencies and their descriptions (e.g., “USD” in column A and “US Dollar” in column B, etc.) on a visible worksheet, but the user should never see the imported data. Start with a hidden sheet, which is then unhidden, data imported to it, data used, but then the sheet is hidden. Use Application.ScreenUpdating = False such that the user never sees anything that’s going on “behind the scenes”.
* (0.5 pt) By default, the date shown should be the current date.
* (2.5 pts) Your currency converter user form should successfully make a variety of different exchanges and display the result in a message box. The grader should verify that several of these conversions work (choose randomly and compare to current data on http://www.xe.com/currencytables/).
* (1 pt) Your user form should work on different dates. IMPORTANT: Due to variations in date formatting across the world,this part of your project may not work on the computers of your Peer Reviewers. Therefore, please take a screen shot of your result and place the plot somewhere easily visible in your Excel (.xlsm) file.
* (0.5 pt) The Quit button should work perfectly. When the form is re-opened, you should check to make sure that the combo boxes do not have repeat values.
* (2.5 pts) Your user form should successfully plot the last 30 days of exchange rates. IMPORTANT: Due to variations in date formatting across the world, the 30-day plot may not work on the computers of your Peer Reviewers. Therefore, please take a screen shot of your 30-day plot, and place the plot somewhere easily visible in your Excel (.xlsm) file (for example, on a clearly labeled worksheet entitled something like "30-day plot").
* (2 pts) Input validation (0.5 pts for each of the following)

- If the user inputs a negative or zero currency, it should provide an error.

- If the user leaves the input field blank and tries to run the button, it should display an error.

- If the user puts text in the input field, it will display an error.

- If the date field is not a date, then an error should be displayed

**Hints**

• I provide a file that has some excellent code for importing data from tables in web pages. See “Query – STARTER.xlsm” as well as the screencast “How to run a data query”.

• General input validation information for user forms can be found in Week 4 of Part 2 of the course.

• To verify that a string is a date, the IsDate function in VBA can be employed.

• From a Coursera learner (thanks, Leland Remson!): To eliminate the date issues that arise due to different regional settings by the various learners in the course, just use Format(DateBoxValue, "yyyy-mm-dd") as a string and concatenate it into the url string. This should help you a lot!

