For me, project 5 was mostly straightforward and did not take me much time at all. The most time consuming part was starting to learn php through codecademy. The course took me about 6 hours to finish, but was not very difficult. After completing it, I looked at the sample code provided in currency4.php and went through it line by line, typing any unfamiliar lines into php.net to view the documentation and make sure I understood everything. Only then did I begin on the actual project, which was much less than I anticipated. I only needed to add a few lines of code for error checking. At first I struggled with this. I couldn’t simply test the user’s input and display an error message if they entered something other than a numeric value because the code provided converted everything to strings. However, a quick search on php.net showed me the Boolean function ctype\_digit() which allowed me to test the user’s input and proceed or display an error accordingly.

Other than that particular issue, I didn’t have any problems. Since this project was only a single page form consisting of only 4 elements (an input, two select fields and submit) I didn’t bother working from a bootstrap template. I simply included all the relevant CDNs and used the same linear gradient background that I did for my to-do list in project 4. I did replace the standard forms with bootstrap forms by adding the appropriate classes and that went a long way towards making the page appear more visually pleasing.

This project was developed in Brackets, using MAMP to host a local server for testing purposes. Browsers used for testing include Google Chrome, Firefox, and Microsoft Edge. The project ran successfully on all of them.