* What were your learning outcomes in respect to this project?

This project had a lot of learning outcomes personally. It was my first proper interaction with the RESTful APIs. This project had a different approach than most of my previous work, because it required to write a very universal code, so it could be used not with just one API. What was also new is the xml and json formats. Working on this project I learned how to access the api’s and how to convert their data into readable formats. I learned how to write from the two formats and also how to read it “xpath”, select specific values, nodes and use that in your code. Although I might have made some parts more complicated than they should have been, I think I managed to deal with these tasks well.

The project required human input too, and so I needed to create a form and also to learn how to handle wrong or undesirable inputs. The html part of the form was familiar, but the php part not so much. I had to use learn to use both POST and GET methods and javascript to make sure they don’t collide with each other. Handling errors was also about making sure that the things that can’t collide don’t collide. It was new for me but I think I learned a lot, and did a pretty good job at it.

* How this application may be extended and improved?

In this project I think I did complicate a lot of functions like, updating the currencies, because I didn’t know how to do them when I started writing code. If I would have had more time, I could have made some of them more understandable, require less code, and be more flexible.

* How this application may (possibly) be re-used?

I think this application could be used to get data about a lot of things, because internet is full of accessible information. With some tweaking, you could quickly get specific information about weather, transport routes, times, or even stocks.