

We chose Mykal's tax calculation algorithm due to the fact that it was more efficient. Instead of progressing through the income brackets from smallest to largest, the calculation started at the approximate mid-point and, depending on the input size, progressed to a higher or lower bracket, reducing the overall calculation time. While this may not seem like much, when using the calculation frequently in a short period of time (as was necessary when calculating the graph variables) the time adds up. This reduction in load time results in an overall improved end-user experience.

Furthermore, we decided to use Alex's mock-up as the basis for the aesthetic and design elements, due to the fact that Mykal's was just a basic outline made up only of empty boxes with little to no aesthetic planning. The only aspect of Mykal's that was used was the tutorial idea.

Additionally, we reused some of the core HTML and CSS elements from Mykal's previous assignment as it provides an intuitive and elegant user experience.