Summary:

Implementing this project was a significant learning experience for me, particularly because it introduced me to PHP, a programming language that was entirely new to me. Despite the initial challenge of working with an unfamiliar scripting language like PHP, this project proved to be invaluable in expanding my skills and knowledge. It provided me with the opportunity to explore the advantages and functionalities of PHP. While tackling tasks such as temperature conversion and toggle implementation in PHP, I extensively utilized online learning resources and experimented with online code editors, in addition to applying the concepts taught in class.

Successes:

• Explored my capability of understanding basics of PHP, such as variables, control structures, and functions, which laid a strong foundation for further learning and development.

• Understood running / execution of PHP as a project using web server FileZilla, gaining practical experience in setting up and deploying PHP projects on a server environment, thereby enhancing my proficiency in web development workflows.

• Enhanced my understanding of CSS by applying it to style PHP-generated content, gaining insights into responsive design principles and CSS frameworks like Bootstrap. Additionally, delved deeper into themes, exploring techniques to customize and create visually appealing user interfaces.

• Expanded my knowledge of JavaScript through its integration with PHP projects, enabling dynamic client-side interactions and enhancing user experience.

Challenges:

- Experienced challenge in invoking toggle functionality, entire page is being refreshed.
- When clicked on 'Convert' button along with conversion action page theme also was getting impacted due to refresh which was resolved later.
- Understanding syntax of PHP as it was a learning curve.