The purpose of the code written in Stepping Stone 2 is to initialize variables of basic data types to enable the collection of data about a recipe ingredient. Additionally, the code includes an expression to calculate the total calories for a recipes ingredient.

The techniques implemented include variable declaration and initialization, the use of comments, and arithmetic operations.

I did not encounter any challenges in writing except nearly forgetting a single semicolon. My approach to overcoming the challenge included visual review of the code prior to compiling.