

Credit Name: CSE 2110 Procedura; Programming 1
Assignment Name: Metric Converstion Mastery Project

How has your program changed from planning to coding to now? Please explain?

During the planning phase, my goal was to create a program that could handle multiple unit conversions between metric and imperial units. I thought about writing separate methods for each type of conversion to keep the logic organized and modular. However, as I got to coding, I realized that using a single method with a switch-case structure would streamline the code a lot. This approach reduces redundancy as each conversion is handled in one method rather than creating eight separate methods.

I also planned to use if-else statements for handling the user's choice, but while coding, I found that a switch expression offered a simpler solutuion. This change not only made the code shorter but also improved readability, as each case corresponds to a specific conversion.