The purpose of this assignment is to get experience with PHP by creating a simple web application.

Specifications

Create an engaging quiz application consisting of 5 questions. Include at least one multiple-choice question, which can be implemented using a dropdown (<select>) menu or a group of radio buttons. The remaining questions should be short answer questions where users can type their responses.

When the user submits the quiz, it should be sent as a POST request to the server, where your PHP code will process the form. Your PHP script should retrieve the user's answers, compare them against a predefined set of correct answers, and calculate the user's score. The score should be displayed as both the number of correct answers (e.g., "2/5") and a percentage (e.g., "40%").

Make sure the application provides clear feedback to the user, including their overall score and a message indicating how many questions were answered correctly.

Constraints

- Create and use at least one custom function in your PHP code (e.g., for calculating the score or validating user input).
- Follow standard PHP variable naming conventions throughout your code.
- Ensure that there are no errors in your PHP code.
- Adhere to all specifications provided in this document.

Extra Credit Opportunities

- (2 pts) Make the quiz visually appealing by adding custom CSS or JavaScript enhancements, such as animations, hover effects, or unique font choices.
- (1 pt) Use Bootstrap to enhance the visual appeal of your quiz.

Submission

The submission for this assignment is the commit ID you want to be graded. You will submit it via the Canvas assignment.