

**AMERICAN INTERNATIONAL UNIVERSITY BANGLADESH (AIUB)**  
**Faculty of Science and Technology (FST)**  
**Department of Computer Science (CS)**  
**Course: Web Technologies**

**Lab Task 02: Online Quiz Application**

**Instruction:**

- 1. Complete the task**
- 2. After completion, push the code in the GitHub repository.**

**Scenario:**

A training institute wants a simple quiz system to test students' knowledge. Create a PHP-based quiz application that presents multiple-choice questions, evaluates answers, and provides a score with feedback.

**Steps:**

Build a PHP application with:

- A form with at least 5 multiple-choice questions about web technologies
- Use PHP to process form submission (\$\_POST method)
- Store correct answers in an array
- Compare user answers with correct answers using loops
- Calculate score and percentage
- Use switch statement to provide grade-based feedback (Excellent, Good, Average, Poor)
- Display which questions were answered correctly/incorrectly
- Retain form values if submission fails validation