

AMERICAN INTERNATIONAL UNIVERSITY BANGLADESH (AIUB)

Faculty of Science and Technology (FST)

Department of Computer Science (CS)

Course: Web Technologies

Lab Task 02: Simple Calculator

Instruction:

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

Scenario:

Build a web-based calculator that performs basic arithmetic operations.

Steps:

1. Create folder php-calculator
2. Create calculator.php with:
 - a) Form with two number inputs
 - b) Dropdown for operations (+, -, ×, ÷)
 - c) Submit button
3. Add PHP logic to:
 - a) Capture POST data
 - b) Validate numbers are numeric
 - c) Perform selected operation
 - d) Handle division by zero error
4. Display:
 - a) Original form
 - b) Calculation result below form
 - c) Error messages if any
5. Style calculator to look like a real calculator