

AMERICAN INTERNATIONAL UNIVERSITY–BANGLADESH (AIUB)

Faculty of Science and Technology (FST)

Department of Computer Science (CS)

Course: Web Technologies

Lab Task 02: PHP Form Handling and Superglobals

Instructions:

- 1. Complete the task using HTML and PHP only.**
- 2. Use the POST method for form submission.**
- 3. Validate user input using PHP.**
- 4. Save files with .php extension.**
- 5. After completion, push the code to your GitHub repository.**

Scenario:

You are building a basic server-side form for a website. The form collects user information and sends it to the server, where PHP processes and validates the data before displaying the result. This task helps you understand how PHP receives data from the client using superglobal variables.

Task Requirements:

Create two files:

- form.php
- process.php

Part A: HTML Form (form.php)

Create a form that collects the following information:

1. Name (text input)
2. Email (email input)
3. Age (number input)
4. Gender (radio buttons)
5. Skills (checkboxes - at least 3 options)
6. Country (dropdown list)
7. Submit button

Requirements:

- Use <label> for each input field

- Use semantic HTML where appropriate
- Set action to process.php
- Use method="post"

Part B: Form Data Processing (process.php)

1. Retrieve form data using:

- `$_POST`

2. Display all submitted values in a well-formatted manner.

3. Use `isset()` to check whether fields are set.

Part C: Server-Side Validation

Implement the following validations in PHP:

- Name and Email must not be empty
- Age must be a positive number
- At least one skill must be selected
- Gender must be selected

If validation fails:

- Display appropriate error messages

If validation passes:

- Display a success message along with submitted data

Part D: Use of Superglobals

Demonstrate the use of:

- `$_POST`
- `$_SERVER` (display request method and script name)