

## **CSP203: Software Tools & Technologies Lab**

### **Lab-9: Practice Problems (PHP)**

**Date: 17-Sep-2024**

#### **Instructions:**

1. Try to complete lab problems during the lab hour and submit it through canvas. If you can't complete it within the lab time, you can submit it by the end of today. There will be a penalty if you don't submit on the same day.
2. Prepare all your solution files in a zip file and name it as <ROLLNO.zip> and submit on canvas.

#### **Problem-1:**

1. Download the demo files from canvas.
2. Unzip and put them under /var/www/html and check if you are able to get all of them working.
3. Try to understand these problems and how they are working.

#### **Problem-2:**

1. Create a simple html form inside "login.html using POST method. The file should have 3 fields
  - a. Username as text box
  - b. Password as text box (but password characters should be visible as dots)
  - c. Submit button
2. The user can enter any values. If the username and password both are **csp203**, you should display the message as "Login is successful" in the welcome.php file, otherwise, you should display it as "Login is unsuccessful".

#### **Problem-3:**

1. Create a simple html form inside "calculator.html" using the GET method. The file should have 3 fields
  - a. Operand 1 (as number)
  - b. Operand 2 (as number)
  - c. Operator (which can be ADD, SUB, MUL)
2. Write another php calculate.php which takes these values and perform the operation as specified the user and prints the result on the calculate.php

#### **Problem-4:**

1. Create a simple html form inside "userdetails.html using POST method. The file should have 4 fields
  - a. Name
  - b. Email Address
  - c. Contact Number
  - d. Country

3. Write another php user.php which takes the input values and displays a table in the below format. In the below example, assuming the Name, Email, Contact, Country are supplied as CSP203, [csp203@iitbhilai.ac.in](mailto:csp203@iitbhilai.ac.in), 123456789, India, respectively. Please note the header should be in bold text.

| Name  | Email                 | Contact   | Country |
|-------|-----------------------|-----------|---------|
| CS100 | cs100@iitbhilai.ac.in | 123456789 | India   |

**Problem-5:**

Create a simple html registration form (using GET or POST) that should take the following input from a user.

- Name (as textbox)
- Email Id (textbox)
- Username (as textbox)
- Password (as password)
- Gender (radio button)
- Address (as textarea)
- County (as dropdown box, you can list around 10 countries)
- Education details  
Each qualification should ask for a degree (SSC/12th/B.Tech till now), specialisation, academic year, and percentage.
- Hobbies (you can mention around 5 options for selection)
- Any Photo (Understand how to use the file upload option).
- Signature (scanned copy of any dummy signature).

After submitting the details, your php program should display the information of the user, in a nice tabular format including photo. The signature should appear below the photo.