



SCS1311 Internet and Web Technologies

PHP Assignment - 02

Building a Student Registration Form Using HTML, PHP, and MySQL

In this lab assignment, you will create a student registration form using HTML and process the submitted data with PHP. The data will be stored in a MySQL database.

Task Overview:

1. Create an **HTML form** with fields to capture student details.
2. Use **PHP** to process the form submission.
3. Insert the collected data into a **MySQL database**.
4. Display a success message showing the submitted information.

Check your PHP server's username and password are matching to the below and adjust accordingly. Then use the credentials to log in to the database that you are creating.

```
$servername = "localhost";  
$username = "root";  
$password = "";  
$dbname = "school_db";
```

1. Create database "school_db" (Write one separate PHP file named "create_database.php" to create database and below table)
2. Write "create table" statement and create table "students" with the following fields. Define the data types as appropriate.
 - a. Id (auto increment)
 - b. First name
 - c. Last name
 - d. Email
 - e. Gender (radio buttons)
 - f. Grade (1 to 13 drop down box)
3. Create HTML Form with the above fields. (Should be a functional form)
4. Create the file named "process.php".
 - a. Write database connection string, and check connection codes.
 - b. Retrieve form data from HTML to process.php file on submit.
 - c. Prepare the insert statement and execute statement.
5. If the execute() function returns success get "Registration Successful" message and the student's information from the server. Display the success message in the middle of screen.