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**TY IT (Batch T1)**

**Web Technology Lab**

***Experiment 9***

**Title:** Program on PHP form creation and data handling.

This PHP program demonstrates how to create a simple HTML form and handle form data on submission using PHP.

**Features Implemented:**

1. **Form Creation**:
   * A basic HTML form with fields for name and email is created. It includes input validation and submission features.
2. **Form Data Handling (POST Method)**:
   * The form uses the POST method to submit data. When submitted, PHP processes the form and retrieves the user's input.
3. **Input Validation**:
   * PHP validates the email input using filter\_var() to ensure the entered email follows the correct format.
   * The htmlspecialchars() and trim() functions are used to sanitize the input, ensuring no malicious code is entered.
4. **Conditional Output**:
   * If the email is valid, the submitted data (name and email) is displayed on the screen.
   * If the email format is invalid, an error message is shown.
5. **Reset Button**:
   * A reset button clears the form fields when clicked.

**Output:**

* The form outputs either a success message with the entered name and email or an error message for invalid input.

