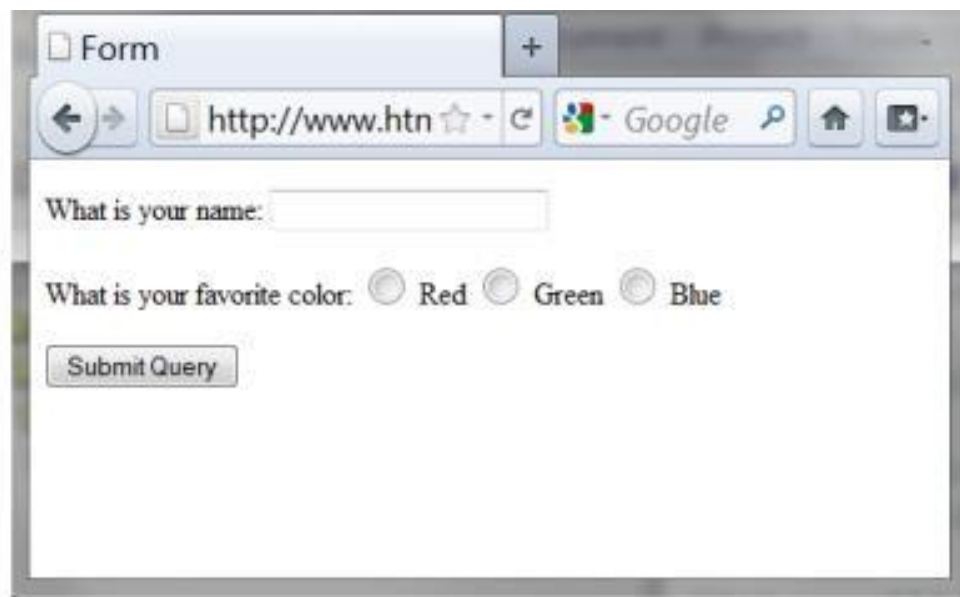


Practical Assignment – 3

1. Write a PHP script that accepts a starting number, an ending number, and a direction as inputs to display a sequential series. The direction can be either 'F' for forward or 'R' for reverse. If the starting number is greater than the ending number, the script should output a message saying "First number must be smaller than the second number." Additionally, if the direction provided is not 'F' or 'R' (in either lowercase or uppercase), the script should display "Direction must be F or R."
 - a. INPUT: 1 10 F then OUTPUT: 1 2 3 4 5 6 7 8 9 10
 - b. INPUT: 1 10 R then OUTPUT: 10 9 8 7 6 5 4 3 2 1
 - c. INPUT: 10 1 F then OUTPUT: First no must be smaller than second no
 - d. INPUT: 1 10 A then OUTPUT: Direction must be F or R
2. Write a PHP script to calculate the total electricity bill based on unit consumption with the following rates:
 - a. For the first 50 units: Rs. 1.50 per unit
 - b. For the next 100 units: Rs. 2.25 per unit
 - c. For the subsequent 100 units: Rs. 2.80 per unit
 - d. For units exceeding 250: Rs. 3.50 per unit
 - e. Add an additional surcharge of 20% to the total bill.
3. Display Login and Signup page and redirect to Profile or Registration page accordingly.
4. Create an PHP form that reads username and password from the user and passes it to validate.php which verifies whether username is "administrator" and password is "admin".
5. Create a PHP form that reads 2 numbers and has 4 buttons for following operations: Addition, Difference, Product, Division. Based on the button clicked by the user the result should be displayed as output.
6. Create an PHP form as given below:



The screenshot shows a web browser window with a single tab titled 'Form'. The address bar displays 'http://www.htn'. The page content includes a text input field labeled 'What is your name:', a radio button group for 'What is your favorite color:' with options 'Red', 'Green', and 'Blue', and a 'Submit Query' button.

When user clicks on “submit query” button, redirected on the color.php page and change the background color of color.php page according to the user selection. (Hint: use background property of CSS with PHP).

7. Create the following PHP form for capturing user’s input. Passes the captured input to print.php which displayed the entered information on the screen.

REGISTRATION FORM

PERSONAL INFORMATION

Date: __/__/__

Participant's Name: _____
 (FirstName) (MiddleName) (LastName)

Institute's Name : _____ University: _____

Course(UG/PG): _____ Semester : _____

Mobile No: _____ Email ID: _____

Referenced By: _____ Address: _____

EVENT SELECTION INFORMATION

Group 1 [Any One]		Group 2 [Any One]	
UG	PG	UG	PG
<input type="checkbox"/> Blind Coding (C) (1 Participant)	<input type="checkbox"/> Mobile Application Development (1 Participant)	<input type="checkbox"/> Bug Finding(java) (1 Participant)	<input type="checkbox"/> Code Hunt (java) (2 Participants)
<input type="checkbox"/> WD (HTML, CSS) (2 Participants)	<input type="checkbox"/> Hackathon (2 Participants)	<input type="checkbox"/> Code Hunt (C++) (2 Participants)	<input type="checkbox"/> Logo Designing (1 Participant)
<input type="checkbox"/> Warcraft DOTA (Max. 5 Participants)		<input type="checkbox"/> Battle Field (6 Participants)	
<input type="checkbox"/> Technical Snakes & Ladders (1 Participant)			
<input type="checkbox"/> Prastuti (2 Participants)			

8. Create an PHP form to read a number and has four buttons for following operations: - Palindrome, Perfect No, Prime No, Armstrong No. Based on the button clicked by the user the result should be displayed as output.
9. Construct product data base which contain product_info table and have fields like product id, product name, product quantity, price. (database connectivity)
Create a web application with validation which will insert, view, update and delete records from table.
10. Write a PHP script for File upload and download. [For Example: Uploading profile picture / online assignment submission.]
11. Create PHP program that demonstrates the implementation of food management using PDO to interact with a MySQL database. The system allows users to add new food items, view existing ones, and delete from the database.
Table Name: food_master
Columns: id, foodnam, price