***18.Write a program in PHP to Create Sign in page using MYSQLi.***

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***Date:23-10-2023***

***Index.php***

***<!DOCTYPE html>***

***<html>***

***<head>***

***<title>LOGIN</title>***

***<link rel="stylesheet" type="text/css" href="style.css">***

***</head>***

***<body>***

***<form action="login.php" method="post">***

***<h2>LOGIN</h2>***

***<?php if (isset($\_GET['error'])) { ?>***

***<p class="error"><?php echo $\_GET['error']; ?></p>***

***<?php } ?>***

***<label>User Name</label>***

***<input type="text" name="uname" placeholder="User Name"><br>***

***<label>Password</label>***

***<input type="password" name="password" placeholder="Password"><br>***

***<button type="submit">Login</button>***

***<a href="signup.php" class="ca">Create an account</a>***

***</form>***

***</body>***

***</html>***

***Home.php***

***<?php***

***session\_start();***

***if (isset($\_SESSION['id']) && isset($\_SESSION['user\_name'])) {***

***?>***

***<!DOCTYPE html>***

***<html>***

***<head>***

***<title>HOME</title>***

***<link rel="stylesheet" type="text/css" href="style.css">***

***</head>***

***<body>***

***<h1>Hello, <?php echo $\_SESSION['name']; ?></h1>***

***<a href="logout.php">Logout</a>***

***</body>***

***</html>***

***<?php***

***}else{***

***header("Location: index.php");***

***exit();***

***}***

***?>***

***Login.php***

***<?php***

***session\_start();***

***include "db\_conn.php";***

***if (isset($\_POST['uname']) && isset($\_POST['password'])) {***

***function validate($data){***

***$data = trim($data);***

***$data = stripslashes($data);***

***$data = htmlspecialchars($data);***

***return $data;***

***}***

***$uname = validate($\_POST['uname']);***

***$pass = validate($\_POST['password']);***

***if (empty($uname)) {***

***header("Location: index.php?error=User Name is required");***

***exit();***

***}else if(empty($pass)){***

***header("Location: index.php?error=Password is required");***

***exit();***

***}else{***

***// hashing the password***

***$pass = md5($pass);***

***$sql = "SELECT \* FROM users WHERE user\_name='$uname' AND password='$pass'";***

***$result = mysqli\_query($conn, $sql);***

***if (mysqli\_num\_rows($result) === 1) {***

***$row = mysqli\_fetch\_assoc($result);***

***if ($row['user\_name'] === $uname && $row['password'] === $pass) {***

***$\_SESSION['user\_name'] = $row['user\_name'];***

***$\_SESSION['name'] = $row['name'];***

***$\_SESSION['id'] = $row['id'];***

***header("Location: home.php");***

***exit();***

***}else{***

***header("Location: index.php?error=Incorect User name or password");***

***exit();***

***}***

***}else{***

***header("Location: index.php?error=Incorect User name or password");***

***exit();***

***}***

***}***

***}else{***

***header("Location: index.php");***

***exit();***

***}***

***Logout.php***

***<?php***

***session\_start();***

***session\_unset();***

***session\_destroy();***

***header("Location: index.php");***

***Signup-check.php***

***<?php***

***session\_start();***

***include "db\_conn.php";***

***if (isset($\_POST['uname']) && isset($\_POST['password'])***

***&& isset($\_POST['name']) && isset($\_POST['re\_password'])) {***

***function validate($data){***

***$data = trim($data);***

***$data = stripslashes($data);***

***$data = htmlspecialchars($data);***

***return $data;***

***}***

***$uname = validate($\_POST['uname']);***

***$pass = validate($\_POST['password']);***

***$re\_pass = validate($\_POST['re\_password']);***

***$name = validate($\_POST['name']);***

***$user\_data = 'uname='. $uname. '&name='. $name;***

***if (empty($uname)) {***

***header("Location: signup.php?error=User Name is required&$user\_data");***

***exit();***

***}else if(empty($pass)){***

***header("Location: signup.php?error=Password is required&$user\_data");***

***exit();***

***}***

***else if(empty($re\_pass)){***

***header("Location: signup.php?error=Re Password is required&$user\_data");***

***exit();***

***}***

***else if(empty($name)){***

***header("Location: signup.php?error=Name is required&$user\_data");***

***exit();***

***}***

***else if($pass !== $re\_pass){***

***header("Location: signup.php?error=The confirmation password  does not match&$user\_data");***

***exit();***

***}***

***else{***

***// hashing the password***

***$pass = md5($pass);***

***$sql = "SELECT \* FROM users WHERE user\_name='$uname' ";***

***$result = mysqli\_query($conn, $sql);***

***if (mysqli\_num\_rows($result) > 0) {***

***header("Location: signup.php?error=The username is taken try another&$user\_data");***

***exit();***

***}else {***

***$sql2 = "INSERT INTO users(user\_name, password, name) VALUES('$uname', '$pass', '$name')";***

***$result2 = mysqli\_query($conn, $sql2);***

***if ($result2) {***

***header("Location: signup.php?success=Your account has been created successfully");***

***exit();***

***}else {***

***header("Location: signup.php?error=unknown error occurred&$user\_data");***

***exit();***

***}***

***}***

***}***

***}else{***

***header("Location: signup.php");***

***exit();***

***}***

***Signup.php***

***<!DOCTYPE html>***

***<html>***

***<head>***

***<title>SIGN UP</title>***

***<link rel="stylesheet" type="text/css" href="style.css">***

***</head>***

***<body>***

***<form action="signup-check.php" method="post">***

***<h2>SIGN UP</h2>***

***<?php if (isset($\_GET['error'])) { ?>***

***<p class="error"><?php echo $\_GET['error']; ?></p>***

***<?php } ?>***

***<?php if (isset($\_GET['success'])) { ?>***

***<p class="success"><?php echo $\_GET['success']; ?></p>***

***<?php } ?>***

***<label>Name</label>***

***<?php if (isset($\_GET['name'])) { ?>***

***<input type="text"***

***name="name"***

***placeholder="Name"***

***value="<?php echo $\_GET['name']; ?>"><br>***

***<?php }else{ ?>***

***<input type="text"***

***name="name"***

***placeholder="Name"><br>***

***<?php }?>***

***<label>User Name</label>***

***<?php if (isset($\_GET['uname'])) { ?>***

***<input type="text"***

***name="uname"***

***placeholder="User Name"***

***value="<?php echo $\_GET['uname']; ?>"><br>***

***<?php }else{ ?>***

***<input type="text"***

***name="uname"***

***placeholder="User Name"><br>***

***<?php }?>***

***<label>Password</label>***

***<input type="password"***

***name="password"***

***placeholder="Password"><br>***

***<label>Re Password</label>***

***<input type="password"***

***name="re\_password"***

***placeholder="Re\_Password"><br>***

***<button type="submit">Sign Up</button>***

***<a href="index.php" class="ca">Already have an account?</a>***

***</form>***

***</body>***

***</html>***

***Style.css***

***body {***

***background: #1690A7;***

***display: flex;***

***justify-content: center;***

***align-items: center;***

***height: 100vh;***

***flex-direction: column;***

***}***

***\*{***

***font-family: sans-serif;***

***box-sizing: border-box;***

***}***

***form {***

***width: 500px;***

***border: 2px solid #ccc;***

***padding: 30px;***

***background: #fff;***

***border-radius: 15px;***

***}***

***h2 {***

***text-align: center;***

***margin-bottom: 40px;***

***}***

***input {***

***display: block;***

***border: 2px solid #ccc;***

***width: 95%;***

***padding: 10px;***

***margin: 10px auto;***

***border-radius: 5px;***

***}***

***label {***

***color: #888;***

***font-size: 18px;***

***padding: 10px;***

***}***

***button {***

***float: right;***

***background: #555;***

***padding: 10px 15px;***

***color: #fff;***

***border-radius: 5px;***

***margin-right: 10px;***

***border: none;***

***}***

***button:hover{***

***opacity: .7;***

***}***

***.error {***

***background: #F2DEDE;***

***color: #A94442;***

***padding: 10px;***

***width: 95%;***

***border-radius: 5px;***

***margin: 20px auto;***

***}***

***.success {***

***background: #D4EDDA;***

***color: #40754C;***

***padding: 10px;***

***width: 95%;***

***border-radius: 5px;***

***margin: 20px auto;***

***}***

***h1 {***

***text-align: center;***

***color: #fff;***

***}***

***.ca {***

***font-size: 14px;***

***display: inline-block;***

***padding: 10px;***

***text-decoration: none;***

***color: #444;***

***}***

***.ca:hover {***

***text-decoration: underline;***

***}***

***test\_db.sql***

***-- phpMyAdmin SQL Dump***

***-- version 4.9.0.1***

***-- https://www.phpmyadmin.net/***

***--***

***-- Host: 127.0.0.1***

***-- Generation Time: Dec 14, 2020 at 12:51 PM***

***-- Server version: 10.4.6-MariaDB***

***-- PHP Version: 7.3.9***

***SET SQL\_MODE = "NO\_AUTO\_VALUE\_ON\_ZERO";***

***SET AUTOCOMMIT = 0;***

***START TRANSACTION;***

***SET time\_zone = "+00:00";***

***/\*!40101 SET @OLD\_CHARACTER\_SET\_CLIENT=@@CHARACTER\_SET\_CLIENT \*/;***

***/\*!40101 SET @OLD\_CHARACTER\_SET\_RESULTS=@@CHARACTER\_SET\_RESULTS \*/;***

***/\*!40101 SET @OLD\_COLLATION\_CONNECTION=@@COLLATION\_CONNECTION \*/;***

***/\*!40101 SET NAMES utf8mb4 \*/;***

***--***

***-- Database: `test\_db`***

***--***

***-- --------------------------------------------------------***

***--***

***-- Table structure for table `users`***

***--***

***CREATE TABLE `users` (***

***`id` int(11) NOT NULL,***

***`user\_name` varchar(255) NOT NULL,***

***`password` varchar(255) NOT NULL,***

***`name` varchar(255) NOT NULL***

***) ENGINE=InnoDB DEFAULT CHARSET=latin1;***

***--***

***-- Dumping data for table `users`***

***--***

***INSERT INTO `users` (`id`, `user\_name`, `password`, `name`) VALUES***

***(3, 'ela', '202cb962ac59075b964b07152d234b70', 'Ela'),***

***(4, 'elias', '202cb962ac59075b964b07152d234b70', 'elias');***

***--***

***-- Indexes for dumped tables***

***--***

***--***

***-- Indexes for table `users`***

***--***

***ALTER TABLE `users`***

***ADD PRIMARY KEY (`id`);***

***--***

***-- AUTO\_INCREMENT for dumped tables***

***--***

***--***

***-- AUTO\_INCREMENT for table `users`***

***--***

***ALTER TABLE `users`***

***MODIFY `id` int(11) NOT NULL AUTO\_INCREMENT, AUTO\_INCREMENT=5;***

***COMMIT;***

***/\*!40101 SET CHARACTER\_SET\_CLIENT=@OLD\_CHARACTER\_SET\_CLIENT \*/;***

***/\*!40101 SET CHARACTER\_SET\_RESULTS=@OLD\_CHARACTER\_SET\_RESULTS \*/;***

***/\*!40101 SET COLLATION\_CONNECTION=@OLD\_COLLATION\_CONNECTION \*/;***