

PROGRAM CODES GUVI TASK

Check.php

```
<?php

// Connect to MongoDB

$mongo = new MongoDB\Driver\Manager("mongodb://localhost:27017");


// Retrieve updated data from AJAX request

$name = $_POST['name'];

$age = $_POST['age'];

$contact = $_POST['contact'];


// Construct update query

$filter = ['email' => $_SESSION['email']];

$update = ['$set' => ['name' => $name, 'age' => $age, 'contact' => $contact]];

$options = ['multi' => false, 'upsert' => false];


// Update user data in MongoDB

$result = $mongo->executeBulkWrite('test.users', [new MongoDB\Driver\BulkWrite('test.users',
[$update], $filter, $options)]);


// Check if update was successful

if ($result->getModifiedCount() > 0) {

    // Redirect to profile page with success message

    header('Location: profile.php?success=true');

} else {

    // Redirect to profile page with error message

    header('Location: profile.php?success=false');

}

?>
```

Check-php1

```
<?php
if (isset($_GET['success'])) {
    if ($_GET['success'] == 'true') {
        echo '<div class="alert alert-success" role="alert">Profile updated successfully!</div>';
    } else {
        echo '<div class="alert alert-danger" role="alert">Failed to update profile.</div>';
    }
}
?>
```

Login.html

```
<!DOCTYPE html>

<html>

<head>

    <title>Login Page</title>

    <link rel="stylesheet"
href="https://stackpath.bootstrapcdn.com/bootstrap/4.5.2/css/bootstrap.min.css">

</head>

<body>

    <div class="container mt-5">

<div class="row justify-content-center">

        <div class="col-md-6">

            <div class="card">

                <div class="card-header">

                    Login Form

                </div>

                <div class="card-body">

                    <form id="login-form">

                        <div class="form-group">
```

```

address</label>
<label for="email">Email
<input type="email" class="form-
control" id="email" name="email" required>
</div>
<div class="form-group">
<label
for="password">Password</label>
<input type="password"
class="form-control" id="password" name="password" required>
</div>
<button type="submit" class="btn btn-
primary">Submit</button>
</form>
</div>
</div>
</div>
</div>
</div>
</div>
<script src="https://code.jquery.com/jquery-3.5.1.min.js"></script>
<script src="login.js"></script>
</body>
</html>

```

Login.js

```

$(document).ready(function() {
    $('#login-form').submit(function(event) {
        event.preventDefault(); // prevent form from submitting normally
        var formData = $(this).serialize(); // get form data
        $.ajax({
            type: 'POST',
            url: 'login.php', // PHP script to handle form submission

```

```

        data: formData,
        dataType: 'json',
        encode: true
    })
    .done(function(data) {
        if (data.success) {
            alert('Login successful!'); // show success message
            window.location.href = 'profile.php'; // redirect to profile page
        } else {
            alert(data.message); // show error message
        }
    })
    .fail(function(jqXHR, textStatus, errorThrown) {
        alert('Error: ' + textStatus); // show error message
    });
});
});

```

Login.php

```

<?php
// Connect to MySQL database
$host = 'localhost';
$user = 'username';
$pass = 'password';
$db = 'database';
$conn = new mysqli($host, $user, $pass, $db);
if ($conn->connect_error) {
    die('Connection failed: ' . $conn->connect_error);
}

```

```
}
```

```
// Get form data
```

```
$email = mysqli_real_escape_string($conn, $_POST['email']);
```

```
$password = mysqli_real_escape_string($conn, $_POST['password']);
```

```
// Validate user input
```

```
if (empty($email) || empty($password)) {
```

```
    $response = array('success' => false, 'message' => 'Please fill all the fields!');
```

```
    echo json_encode($response);
```

```
} else {
```

```
    // Check if email and password match with the data stored in the MySQL database
```

```
    $stmt = $conn->prepare('SELECT * FROM users WHERE email = ?');
```

```
    $stmt->bind_param('s', $email);
```

```
    $stmt->execute();
```

```
    $result = $stmt->get_result();
```

```
    $user = $result->fetch_assoc();
```

```
    if ($user && password_verify($password, $user['password'])) {
```

```
        // Create session for the
```

Profile.css

```
/* CSS styles for the user profile page */
```

```
body {
```

```
    font-family: Arial, sans-serif;
```

```
    background-color: #f2f2f2;
```

```
}
```

```
.container {  
  width: 80%;  
  margin: 0 auto;  
  padding: 20px;  
  background-color: #fff;  
  box-shadow: 0px 0px 5px 0px rgba(0,0,0,0.2);  
}
```

```
h1 {  
  text-align: center;  
  margin-top: 0;  
}
```

```
table {  
  width: 100%;  
  border-collapse: collapse;  
  margin-bottom: 20px;  
}
```

```
table td, table th {  
  padding: 8px;  
  border: 1px solid #ddd;  
  text-align: left;  
}
```

```
table th {
```

```
background-color: #f2f2f2;
font-weight: bold;
}
```

```
.btn {
background-color: #4CAF50;
color: #fff;
border: none;
padding: 8px 16px;
text-align: center;
text-decoration: none;
display: inline-block;
font-size: 14px;
border-radius: 4px;
}
```

```
.btn:hover {
background-color: #3e8e41;
}
```

Profile.html

```
<!DOCTYPE html>
<html>
<head>
<title>User Profile</title>
<link rel="stylesheet" href="./profile.css">
<style>
```

```
/* CSS styles for the profile page */
```

```
body {  
    font-family: Arial, sans-serif;  
    background-color: #f2f2f2;  
}
```

```
.container {  
    max-width: 800px;  
    margin: 0 auto;  
    padding: 20px;  
    background-color: #fff;  
    border-radius: 5px;  
    box-shadow: 0px 0px 5px #999;  
}
```

```
h1 {  
    text-align: center;  
}
```

```
table {  
    margin: 0 auto;  
    border-collapse: collapse;  
    border-spacing: 0;  
    width: 100%;  
    max-width: 600px;  
}
```

```
td,
```

```
th {  
    padding: 8px;  
    text-align: left;
```



```
        border-bottom: 1px solid #ddd;
    }
    tr:hover {
        background-color: #f5f5f5;
    }
</style>
</head>
<body>
    <div class="container">
        <h1>User Profile</h1>
        <table>
            <tr>
                <th>Name:</th>
                <td id="name"></td>
            </tr>
            <tr>
                <th>Email:</th>
                <td id="email"></td>
            </tr>
            <tr>
                <th>Age:</th>
                <td id="age"></td>
            </tr>
            <tr>
                <th>Date of Birth:</th>
                <td id="dob"></td>
            </tr>
```

```
<tr>
    <th>Contact:</th>
    <td id="contact"></td>
</tr>
</table>
</div>
<script src="https://code.jquery.com/jquery-3.6.0.min.js"></script>
<script src="profile.js"></script>
</body>
</html>
```

Profile.php

```
<?php

// connect to the MongoDB server
$mongoClient = new MongoClient("mongodb://localhost:27017");

// select the database and collection
$database = $mongoClient->mydatabase;
$collection = $database->users;

?>
```

Profile1.php

```
<?php

// connect to the MongoDB server
$mongoClient = new MongoClient("mongodb://localhost:27017");
```

```
// select the database and collection

$database = $mongoClient->mydatabase;

$collection = $database->users;


// get the user data from the database

$user = $collection->findOne(['email' => 'user@example.com']);
```

```
?>
```

Profile2.html

```
<div class="update-profile">
  <h2>Update Profile</h2>
  <form id="update-form">
    <div class="form-group">
      <label for="name">Name:</label>
      <input type="text" id="name" name="name" required value="<?php echo
$user->name; ?>">
    </div>
    <div class="form-group">
      <label for="age">Age:</label>
      <input type="number" id="age" name="age" required value="<?php echo
$user->age; ?>">
    </div>
    <div class="form-group">
      <label for="dob">DOB:</label>
      <input type="date" id="dob" name="dob" required value="<?php echo
$user->dob; ?>">
    </div>
```

```
<div class="form-group">
    <label for="contact">Contact:</label>
    <input type="text" id="contact" name="contact" required value="<?php
echo $user->contact; ?>">
</div>
<button type="submit" class="btn btn-primary">Update Profile</button>
</form>
</div>
```

Profile2.js

Profile2.php

```
<?php
```

```
// connect to the MongoDB server
```

```
$mongoClient = new MongoClient("mongodb://localhost:27017");
```

```
// select the database and collection
```

```
$database = $mongoClient->mydatabase;
```

```
$collection = $database->users;
```

```
// get the user data from the database
```

```
$user = $collection->findOne(['email' => 'user@example.com']);
```

```
// format the user data as HTML
```

```
$html = '<div class="profile">';
```

```
$html .= '<h1>' . $user->name . '</h1>';
```

```
$html .= '<p>Email: ' . $user->email . '</p>';
```

```
$html .= '<p>Age: ' . $user->age . '</p>';  
$html .= '<p>DOB: ' . $user->dob . '</p>';  
$html .= '<p>Contact: ' . $user->contact . '</p>';  
$html .= '</div>';
```

```
// display the HTML on the profile page  
echo $html;
```

```
?>
```

Profile3.html

```
<!DOCTYPE html>  
<html lang="en">  
<head>  
  <meta charset="UTF-8">  
  <meta http-equiv="X-UA-Compatible" content="IE=edge">  
  <meta name="viewport" content="width=device-width, initial-scale=1.0">  
  <title>Update Form</title>  
</head>  
<body>  
  <form id="update-form">  
    <label for="name">Name:</label>  
    <input type="text" id="name" name="name">  
  
    <label for="age">Age:</label>  
    <input type="number" id="age" name="age">
```

```
<label for="contact">Contact:</label>
<input type="text" id="contact" name="contact">

<input type="submit" value="Update">
</form>
```

```
</body>
</html>
```

Profile4.php

```
<?php
// Retrieve the updated user data from the AJAX request
$updateData = $_POST['updateData'];

// MongoDB database information
$mongoHost = 'localhost';
$mongoPort = '27017';
$mongoDatabase = 'mydatabase';
$mongoCollection = 'mycollection';

// Create a new MongoDB client object
$client = new MongoClient("mongodb://$mongoHost:$mongoPort");

// Select the database and collection
$collection = $client->$mongoDatabase->$mongoCollection;
```

```
// Update the user data in the database
$result = $collection->updateOne(
    ['email' => $updateData['email']],
    ['$set' => [
        'name' => $updateData['name'],
        'age' => $updateData['age'],
        'dob' => $updateData['dob'],
        'contact' => $updateData['contact']
    ]]
);
```

```
// Check if the update was successful
if ($result->getModifiedCount() == 1) {
    echo 'success';
} else {
    echo 'error';
}
?>
```

Profile5.php

```
<?php
```

```
// Connect to the MongoDB database
```

```
$mongo = new MongoClient("mongodb://localhost:27017");
```

```
// Select the database and collection
```

```
$db = $mongo->mydb;
```

```
$collection = $db->users;
```

```

// Get the updated data from the front-end
$email = $_POST['email'];
$name = $_POST['name'];
$age = $_POST['age'];

// Update the user data in the database
$updateResult = $collection->updateOne(
    ['email' => $email],
    ['$set' => ['name' => $name, 'age' => $age]]
);

// Check if the update was successful
if ($updateResult->getModifiedCount() == 1) {
    // Send a success response back to the front-end
    $response = array('status' => 'success');
    echo json_encode($response);
} else {
    // Send an error response back to the front-end
    $response = array('status' => 'error', 'message' => 'Failed to update user
data.');
```

Register.css

Register.html

<!DOCTYPE html>

<html>


```

<head>
    <title>Registration Page</title>
    <link rel="stylesheet"
href="https://stackpath.bootstrapcdn.com/bootstrap/4.5.2/css/bootstrap.min.css"
>
</head>
<body>
    <div class="container mt-5">
        <div class="row justify-content-center">
            <div class="col-md-6">
                <div class="card">
                    <div class="card-header">
                        Registration Form
                    </div>
                    <div class="card-body">
                        <form id="registration-form">
                            <div class="form-group">
                                <label
for="name">Name</label>
                                <input type="text"
class="form-control" id="name" name="name" required>
                            </div>
                            <div class="form-group">
                                <label for="email">Email
address</label>
                                <input type="email"
class="form-control" id="email" name="email" required>
                            </div>
                        </div>
                    </div>
                </div>
            </div>
        </div>
    </div>

```

```

                                <label
for="password">Password</label>
                                <input type="password"
class="form-control" id="password" name="password" required>
                                </div>
                                <button type="submit" class="btn
btn-primary">Submit</button>
                                </form>
                            </div>
                        </div>
                    </div>
                </div>
            </div>
            <script src="https://code.jquery.com/jquery-3.5.1.min.js"></script>
            <script src="registration.js"></script>
        </body>
    </html>

```

Register.js

```

$(document).ready(function() {
    $('#registration-form').submit(function(event) {
        event.preventDefault(); // prevent form from submitting normally
        var formData = $(this).serialize(); // get form data
        $.ajax({
            type: 'POST',
            url: 'register.php', // PHP script to handle form submission
            data: formData,
            dataType: 'json',
            encode: true

```

```

    })
    .done(function(data) {
        if (data.success) {
            alert('Registration successful!'); // show success message
            window.location.href = 'login.php'; // redirect to login page
        } else {
            alert(data.message); // show error message
        }
    })
    .fail(function(jqXHR, textStatus, errorThrown) {
        alert('Error: ' + textStatus); // show error message
    });
});
});

```

Register.php

```

<?php
// Connect to MySQL database
$host = 'localhost';
$user = 'username';
$pass = 'password';
$db = 'database';
$conn = new mysqli($host, $user, $pass, $db);
if ($conn->connect_error) {
    die('Connection failed: ' . $conn->connect_error);
}

// Get form data

```

```
$name = mysqli_real_escape_string($conn, $_POST['name']);
$email = mysqli_real_escape_string($conn, $_POST['email']);
$password = mysqli_real_escape_string($conn, $_POST['password']);

// Validate user input
if (empty($name) || empty($email) || empty($password)) {
    $response = array('success' => false, 'message' => 'Please fill all the fields!');
    echo json_encode($response);
} elseif (!filter_var($email, FILTER_VALIDATE_EMAIL)) {
    $response = array('success' => false, 'message' => 'Please enter a valid email
```