

## PROGRAM CODE

### signup.Html

```
<!DOCTYPE html>

<html>

<head>

    <title>Sign Up</title>

</head>

<body>

    <h1>Sign Up</h1>

    <form action="signup.php" method="post">

        <label for="username">Username:</label>

        <input type="text" id="username" name="username"
required><br><br>

        <label for="email">Email:</label>

        <input type="email" id="email" name="email" required><br><br>

        <label for="password">Password:</label>

        <input type="password" id="password" name="password"
required><br><br>

        <input type="submit" value="Sign Up">

    </form>

</body>

</html>
```

## signup. Php

```
<?php
```

```
$redis = new Redis();
```

```
$redis->connect('127.0.0.1', 6379);
```

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

```
$mysqli = new mysqli("localhost", "username", "password", "database");
```

```
$username = $_POST['username'];
```

```
$email = $_POST['email'];
```

```
$password = $_POST['password'];
```

```
// Check if username already exists if
```

```
($redis->hexists('users', $username)) {
```

```
echo 'Username already exists';
```

```
} else {
```

```
    // Hash password
```

```
    $hashed_password = password_hash($password,  
PASSWORD_DEFAULT);
```

```
    // Insert user data into Redis
```

```
    $redis->hmset('users', $username, json_encode(['email' => $email,  
'password' => $hashed_password]));
```

```
    // Insert user data into MongoDB
```

```
    $bulk = new MongoDB\Driver\BulkWrite;
```

```
$bulk->insert(['username' => $username, 'profile' => ['age' => null, 'dob'
=> null, 'contact' => null]]);
```

```
$mongo->executeBulkWrite('database.collection', $bulk);
```

```
// Insert user data into MySQL
```

```
$stmt = $mysqli->prepare("INSERT INTO users (username, email,
password) VALUES (?, ?, ?)");
```

```
$stmt->bind_param("sss", $username, $email, $hashed_password);
```

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

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

```
header('Location: login.html');
```

```
exit();
```

```
}
```

```
?>
```

## Login.html

```
<!DOCTYPE html>
```

```
<html>
```

```
<head>
```

```
<title>Login</title>
```

```
</head>
```

```
<body>
```

```
<h1>Login</h1>
```

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

```
<label for="username">Username:</label>
```

```
<input type="text" id="username" name="username"
required><br><br>
```

```
<label for="password">Password:</label>
```

```
<input type="password" id="password" name="password" required><br><br>
    <input type="submit" value="Login">
</form>
</body>
</html>
```

## Login.php

```
<?php
session_start();

$redis = new Redis();

$redis->connect('127.0.0.1', 6379);

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

$mysqli = new mysqli("localhost", "username", "password", "database");

$username = $_POST['username'];
$password = $_POST['password'];

// Check if username exists in Redis
```

## Html

```
<!DOCTYPE html>

<html>

<head>

    <title>Signup/Login Page</title>

</head>

<body>

    <h1>Welcome to the Signup/Login Page</h1>

    <form method="post" action="signup.php">

        <h2>Signup</h2>

        <label>Username:</label>

        <input type="text" name="username" required><br><br>

        <label>Email:</label>

        <input type="email" name="email" required><br><br>

        <label>Password:</label>

        <input type="password" name="password" required><br><br>

        <input type="submit" value="Signup">

    </form>

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

        <h2>Login</h2>

        <label>Username:</label>

        <input type="text" name="username" required><br><br>

        <label>Password:</label>

        <input type="password" name="password" required><br><br>

        <input type="submit" value="Login">

    </form>

</body>
```

```
</html>
```

## Css

```
body {
```

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

```
text-align: center;
```

```
}
```

```
h1 {
```

```
color: #336699;
```

```
}
```

```
form { display: inline-
```

```
block;
```

```
text-align: left;
```

```
border: 2px solid #336699;
```

```
padding: 10px; margin: 10px;
```

```
}
```

```
label {
```

```
display: block; margin-
```

```
bottom: 5px; color:
```

```
#336699; font-weight: bold;
```

```
}
```

```
input[type="text"], input[type="email"], input[type="password"] {  
  display: block;    margin-bottom: 10px;    padding: 5px;  
  width: 100%;      box-sizing: border-box; border: 1px solid  
  #ccc;             border-radius: 3px;  
  
}
```

```
input[type="submit"] {  
  background-color: #336699;  
  color: #fff; padding: 10px 20px;  
  
  border: none;  
  border-radius: 3px; cursor:  
  pointer;  
  
}
```

## Javascript

```
// Validation for Signup form function validateSignup() {  var
username = document.forms["signupForm"]["username"].value;  var
email = document.forms["signupForm"]["email"].value;  var
password = document.forms["signupForm"]["password"].value;  if
(username == "" || email == "" || password == "") {    alert("Please
fill in all fields");    return false;

  }  return
true;

}
```

```
// Validation for Login form function
validateLogin() {

  var username = document.forms["loginForm"]["username"].value;
var password = document.forms["loginForm"]["password"].value;
if (username == "" || password == "") {    alert("Please fill in all
fields");    return false;

  }  return
true;

}
```



## Signup.php

```
<?php
// Connect to database

$servername = "localhost";
$username = "root";
$password = "";
$dbname = "myDB";

$conn = mysqli_connect($servername, $username, $password, $dbname);

// Check connection if (!$conn) { die("Connection
failed: " . mysqli_connect_error());

}

// Get user input from form
$username = $_POST["username"];
$email = $_POST["email"];
$password = $_POST["password"];

// Check if username already exists in database
$sql = "SELECT * FROM
```

## Registration.html

```
<!DOCTYPE html>

<html>

<head>

  <title>Registration Page</title>
  <link rel="stylesheet" type="text/css" href="style.css">

</head>

<body>

  <div class="signup-form">

    <h2>Register</h2>

    <form action="register.php" method="POST">

      <input type="text" name="username" placeholder="Username" required>

      <input type="email" name="email" placeholder="Email" required>

      <input type="password" name="password" placeholder="Password"
required>

      <button type="submit" name="submit">Register</button>

    </form>

    <p>Already have an account? <a href="login.php">Login here</a>.</p>

  </div>

</body>

</html>
```

## Login.html

```
<!DOCTYPE html>

<html>

<head>

  <title>Login Page</title>

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

</head>

<body>

  <div class="login-form">

    <h2>Login</h2>

    <form action="login.php" method="POST">

      <input type="text" name="username" placeholder="Username" required>
<input type="password" name="password" placeholder="Password" required>

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

    </form>

    <p>Don't have an account yet? <a href="register.php">Register
here</a>.</p>

  </div>

</body>

</html>
```

## Profile.html

```
<!DOCTYPE html>

<html>

<head>

  <title>Profile Page</title>

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

</head>

<body>

  <div class="profile-form">

    <h2>Profile</h2>

    <form action="update_profile.php" method="POST">

      <input type="text" name="age" placeholder="Age" required>

      <input type="date" name="dob" placeholder="Date of Birth" required>

      <input type="text" name="contact" placeholder="Contact" required>

      <button type="submit" name="submit">Update</button>

    </form>

  </div>

</body>

</html>
```

## Css

```
.signup-form, .login-form, .profile-form {  
width: 500px; margin: 0 auto; padding:  
20px; border: 1px solid #ccc; border-  
radius: 10px; background-color: #f2f2f2;  
  
}  
  
.signup-form h2, .login-form h2, .profile-form h2 { text-  
align: center;  
  
}  
  
.signup-form input[type="text"], .signup-form input[type="email"],  
.signup-form input[type="password"], .login-form input[type="text"],  
.login-form input[type="password"], .profile-form input[type="text"],  
.profile-form input[type="date"] {  
display: block; width: 100%;  
margin-bottom: 10px; padding:  
10
```