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LG1

Screenshots of output

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Search tabs localhost:8080/Week4/registration.html Summarize

### User Registration

**Name**  
Hina Yadav

**Email Address**  
Yadavhina2082@gmail.com

**Password**  
\*\*\*\*\*

**Confirm Password**  
\*\*\*\*\*

Register

Password must be at least 8 characters.  
Password must contain a special character.  
Passwords do not match.

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Passwords do not match.

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Registration successful!

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The codes are given below:

Registration.html

```
<!DOCTYPE html>
```

```
<html lang="en">
```

```
<head>
```

```
  <meta charset="UTF-8">
```

```
  <title>User Registration</title>
```

```
  <link rel="stylesheet" href="style.css">
```

```
</head>
```

```
<body>
```

```
<div class="container">
```

```
  <h2>User Registration</h2>
```

```
  <form action="process.php" method="POST">
```

```
    <label>Name</label>
```

```
<input type="text" name="name" required>

<label>Email Address</label>
<input type="email" name="email" required>

<label>Password</label>
<input type="password" name="password" required>

<label>Confirm Password</label>
<input type="password" name="confirm_password" required>

<button type="submit">Register</button>
</form>
</div>

</body>
</html>
```

Style.css

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

```
.container {
  width: 400px;
  margin: 60px auto;
  background: white;
  padding: 25px;
  border-radius: 5px;
}
```

```
label {  
    display: block;  
    margin-top: 10px;  
    font-weight: bold;  
}
```

```
input {  
    width: 100%;  
    padding: 8px;  
    margin-top: 5px;  
}
```

```
button {  
    width: 100%;  
    margin-top: 15px;  
    padding: 10px;  
    background: #2196F3;  
    color: white;  
    border: none;  
    cursor: pointer;  
}
```

```
.error {  
    color: red;  
}
```

```
.success {  
    color: green;  
}
```

Process.php

```
<?php
```

```
$errors = [];
```

```
$success = "";
```

```
if ($_SERVER["REQUEST_METHOD"] === "POST") {
```

```
    $name = trim($_POST["name"]);
```

```
    $email = trim($_POST["email"]);
```

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

```
    $confirm = $_POST["confirm_password"];
```

```
    /* =====
```

```
        VALIDATION
```

```
    ===== */
```

```
    if (empty($name)) {
```

```
        $errors[] = "Name is required.";
```

```
    }
```

```
    if (empty($email) || !filter_var($email, FILTER_VALIDATE_EMAIL)) {
```

```
        $errors[] = "Valid email is required.";
```

```
    }
```

```
    if (strlen($password) < 8) {
```

```
        $errors[] = "Password must be at least 8 characters.";
```

```
    }
```

```
    if (!preg_match("/[@$!%*?&]/", $password)) {
```

```
        $errors[] = "Password must contain a special character.";
```

```
}
```

```
if ($password !== $confirm) {  
    $errors[] = "Passwords do not match."  
}
```

```
/* =====  
PROCESS DATA  
===== */
```

```
if (empty($errors)) {
```

```
    $file = "users.json";
```

```
    if (!file_exists($file)) {  
        die("User database not found.");  
    }
```

```
    $users = json_decode(file_get_contents($file), true);
```

```
    $newUser = [  
        "name" => $name,  
        "email" => $email,  
        "password" => password_hash($password, PASSWORD_DEFAULT)  
    ];
```

```
    $users[] = $newUser;
```

```
    if (file_put_contents($file, json_encode($users, JSON_PRETTY_PRINT))) {  
        $success = "Registration successful!";  
    } else {
```

```
        $errors[] = "Failed to save user data.";
    }
}
}
?>
```

```
<!DOCTYPE html>
```

```
<html>
```

```
<head>
```

```
    <title>Registration Result</title>
```

```
    <link rel="stylesheet" href="style.css">
```

```
</head>
```

```
<body>
```

```
<div class="container">
```

```
<?php
```

```
if (!empty($errors)) {
```

```
    foreach ($errors as $error) {
```

```
        echo "<p class='error'>$error</p>";
```

```
    }
```

```
} else {
```

```
    echo "<p class='success'>$success</p>";
```

```
}
```

```
?>
```

```
<a href="registration.html">Go Back</a>
```

```
</div>
```

```
</body>
```

</html>

```
1  [
2    {
3      "name": "Hina Yadav",
4      "email": "Yadavhina2082@gmail.com",
5      "password": "$2y$10$SUh14bYBthzSPu6UC41DesPZLoSAFIpeQt4XE
6    },
7    {
8      "name": "Hina Yadav",
9      "email": "Yadavhina2082@gmail.com",
10     "password": "$2y$10$pBqz5hZ8Wxw1UqHQLnnXDO\yFNry1RWHZrk4.
11   }
12 ]
```

The Git hub link is below:

<https://github.com/aman2072/Full-Stack-Development-FSD-/tree/main/Week4>