

```
1  <!--login.php-->
2
3  <?php
4
5  // Include config file
6
7  require_once 'Config.php';
8
9
10
11 // Define variables and initialize with empty values
12
13 $username = $password = "";
14
15 $username_err = $password_err = "";
16
17
18
19 // Processing form data when form is submitted
20
21 if($_SERVER["REQUEST_METHOD"] == "POST"){
22
23
24
25     // Check if username is empty
26
27     if(empty(trim($_POST["username"]))) {
28
29         $username_err = 'Please enter username.';
30
31     } else{
32
33         $username = trim($_POST["username"]);
34
35     }
36
37
38
39     // Check if password is empty
40
41     if(empty(trim($_POST['password']))) {
42
43         $password_err = 'Please enter your password.';
44
45     } else{
46
47         $password = trim($_POST["password"]);
48
49     }
50
51
52
53     // Validate credentials
54
55     if(empty($username_err) && empty($password_err)){
56
57         // Prepare a select statement
58
59         $sql = "SELECT username, password FROM health_nut_users WHERE username = ?";
60
61         //echo $sql;
62
63         if($stmt = $mysqli->prepare($sql)){
64
65             // Bind variables to the prepared statement as parameters
66
67             $stmt->bind_param("s", $param_username);
```

```
68
69
70
71 // Set parameters
72
73 $param_username = $username;
74
75
76
77 // Attempt to execute the prepared statement
78
79 if($stmt->execute()){
80
81     // Store result
82
83     $stmt->store_result();
84
85
86
87 // Check if username exists, if yes then verify password
88
89 if($stmt->num_rows == 1){
90
91     // Bind result variables
92
93     $stmt->bind_result($username, $password);
94     echo $password;
95
96     if($stmt->fetch()){
97
98         //if(password_verify($password, $hashed_password)){
99
100             /* Password is correct, so start a new session and
101             save the username to the session */
102
103             session_start();
104
105             $_SESSION['username'] = $username;
106
107             header("location: welcome.php");
108
109         }
110         else{
111
112             // Display an error message if password is not valid
113
114             $password_err = 'The password you entered was not
115             valid.';
116
117         }
118     }
119 }
120
121 else{
122
123     // Display an error message if username doesn't exist
124
125     $username_err = 'No account found with that username.';
126
127 }
128
129 } else{
130
131     echo "Oops! Something went wrong. Please try again later.";
132
133
```

```
134         }
135
136     }
137
138
139
140     // Close statement
141
142     $stmt->close();
143
144 }
145
146
147
148 // Close connection
149
150 $mysqli->close();
151
152 }
153
154 ?>
155
156
157
158 <!DOCTYPE html>
159
160 <html lang="en">
161
162 <head>
163
164     <meta charset="UTF-8">
165
166     <title>Login</title>
167
168     <link rel="stylesheet"
169 href="https://maxcdn.bootstrapcdn.com/bootstrap/3.3.7/css/bootstrap.css">
170
171     <style type="text/css">
172
173         body{ font: 14px sans-serif; }
174
175         .wrapper{ width: 350px; padding: 20px; }
176
177     </style>
178 </head>
179
180 <body>
181
182     <div class="wrapper">
183
184
185         <h2>Login</h2>
186
187         <p>Please fill in your credentials to login.</p>
188
189         <form action="<?php echo htmlspecialchars($_SERVER["PHP_SELF"]); ?>"
190 method="post">
191
192             <div class="form-group <?php echo (!empty($username_err)) ? 'has-error'
193 : ''; ?>">
194
195                 <label>Username</label>
196
197                 <input type="text" name="username" class="form-control" value="<?php
198 echo $username; ?>">
```

```
197         <span class="help-block"><?php echo $username_err; ?></span>
198
199     </div>
200
201     <div class="form-group <?php echo (!empty($password_err)) ? 'has-error'
202     : ''; ?>">
203
204         <label>Password</label>
205
206         <input type="password" name="password" class="form-control">
207
208         <span class="help-block"><?php echo $password_err; ?></span>
209
210     </div>
211
212     <div class="form-group">
213
214         <input type="submit" class="btn btn-primary" value="Login">
215
216     </div>
217
218     <p>Don't have an account? <a href="register.php">Sign up now</a>.</p>
219     <p>Go back to <a href = "Homepage.html">Homepage</a></p>
220 </div>
221
222 </form>
223
224 </div>
225
226 </body>
227
228 </html>
229
230
```