

```
1: <?
2:  /**
3:   * home.php
4:   *
5:   * A simple home page for these login demos.
6:   *
7:   * Computer Science E-75
8:   * David J. Malan
9:   */
10:
11:  // enable sessions
12:  session_start();
13: ?>
14:
15: <!DOCTYPE html PUBLIC "-//W3C//DTD XHTML 1.0 Transitional//EN" "http://www.w3.org/TR/xhtml1/DTD/xhtml1-transitional
.dtd">
16:
17: <html xmlns="http://www.w3.org/1999/xhtml">
18:   <head>
19:     <title>Home</title>
20:   </head>
21:   <body>
22:     <h1>Home</h1>
23:     <h3>
24:       <? if ($_SESSION["authenticated"]) { ?>
25:         You are logged in!
26:         <br />
27:         <a href="logout.php">log out</a>
28:       <? } else { ?>
29:         You are not logged in!
30:       <? } ?>
31:     </h3>
32:     <br />
33:     <b>Login Demos</b>
34:     <ul>
35:       <li><a href="login1.php">version 1</a></li>
36:       <li><a href="login2.php">version 2</a></li>
37:       <li><a href="login3.php">version 3</a></li>
38:       <li><a href="login4.php">version 4</a></li>
39:     </ul>
40:   </body>
41: </html>
```

```
1: <?
2:  /**
3:   * login1.php
4:   *
5:   * A simple login module.
6:   *
7:   * Computer Science E-75
8:   * David J. Malan
9:   */
10:
11:  // enable sessions
12:  session_start();
13:
14:  // were this not a demo, these would be in some database
15:  define("USER", "jharvard");
16:  define("PASS", "crimson");
17:
18:  // if username and password were submitted, check them
19:  if (isset($_POST["user"]) && isset($_POST["pass"]))
20:  {
21:    // if username and password are valid, log user in
22:    if ($_POST["user"] == USER && $_POST["pass"] == PASS)
23:    {
24:      // remember that user's logged in
25:      $_SESSION["authenticated"] = TRUE;
26:
27:      // redirect user to home page, using absolute path, per
28:      // http://us2.php.net/manual/en/function.header.php
29:      $host = $_SERVER["HTTP_HOST"];
30:      $path = rtrim(dirname($_SERVER["PHP_SELF"]), "\\");
31:      header("Location: http://$host$path/home.php");
32:      exit;
33:    }
34:  }
35: ?>
36:
37: <!DOCTYPE html PUBLIC "-//W3C//DTD XHTML 1.0 Transitional//EN" "http://www.w3.org/TR/xhtml1/DTD/xhtml1-transitional
.dtd">
38:
39: <html xmlns="http://www.w3.org/1999/xhtml">
40:   <head>
41:     <title>Log In</title>
42:   </head>
43:   <body>
44:     <? if (count($_POST) > 0) echo "INVALID LOGIN"; ?>
45:     <form action="<? echo $_SERVER["PHP_SELF"]; ?>" method="post">
46:     <table>
```

```
47:         <tr>
48:             <td>Username:</td>
49:             <td><input name="user" type="text" /></td>
50:         </tr>
51:         <tr>
52:             <td>Password:</td>
53:             <td><input name="pass" type="password" /></td>
54:         </tr>
55:         <tr>
56:             <td></td>
57:             <td><input type="submit" value="Log In" /></td>
58:         </tr>
59:     </table>
60: </form>
61: </body>
62: </html>
```

```
1: <?
2:     /**
3:      * login2.php
4:      *
5:      * A simple login module that pre-populates the username field
6:      * upon failed login, just in case user simply mistyped password.
7:      *
8:      * Computer Science E-75
9:      * David J. Malan
10:     */
11:
12:     // enable sessions
13:     session_start();
14:
15:     // were this not a demo, these would be in some database
16:     define("USER", "jharvard");
17:     define("PASS", "crimson");
18:
19:     // if username and password were submitted, check them
20:     if (isset($_POST["user"]) && isset($_POST["pass"]))
21:     {
22:         // if username and password are valid, log user in
23:         if ($_POST["user"] == USER && $_POST["pass"] == PASS)
24:         {
25:             // remember that user's logged in
26:             $_SESSION["authenticated"] = TRUE;
27:
28:             // redirect user to home page, using absolute path, per
29:             // http://us2.php.net/manual/en/function.header.php
30:             $host = $_SERVER["HTTP_HOST"];
31:             $path = rtrim(dirname($_SERVER["PHP_SELF"]), "\\");
32:             header("Location: http://$host$path/home.php");
33:             exit;
34:         }
35:     }
36: ?>
37:
38: <!DOCTYPE html PUBLIC "-//W3C//DTD XHTML 1.0 Transitional//EN" "http://www.w3.org/TR/xhtml1/DTD/xhtml1-transitional
.dtd">
39:
40: <html xmlns="http://www.w3.org/1999/xhtml">
41: <head>
42: <title>Log In</title>
43: </head>
44: <body>
45: <form action="<? echo $_SERVER["PHP_SELF"]; ?>" method="post">
46: <table>
```

```
47:         <tr>
48:             <td>Username:</td>
49:             <td><input name="user" type="text" value="<? echo $_POST["user"]; ?>" /></td>
50:         </tr>
51:         <tr>
52:             <td>Password:</td>
53:             <td><input name="pass" type="password" /></td>
54:         </tr>
55:         <tr>
56:             <td></td>
57:             <td><input type="submit" value="Log In" /></td>
58:         </tr>
59:     </table>
60: </form>
61: </body>
62: </html>
```

```
1: <?
2:     /**
3:      * logout.php
4:      *
5:      * A simple logout module for all of our login modules.
6:      *
7:      * Computer Science E-75
8:      * David J. Malan
9:      */
10:
11:     // enable sessions
12:     session_start();
13:
14:     // delete cookies, if any
15:     setcookie("user", "", time() - 3600);
16:     setcookie("pass", "", time() - 3600);
17:
18:     // log user out
19:     setcookie(session_name(), "", time() - 3600);
20:     session_destroy();
21: ?>
22:
23: <!DOCTYPE html PUBLIC "-//W3C//DTD XHTML 1.0 Transitional//EN" "http://www.w3.org/TR/xhtml1/DTD/xhtml1-transitional
.dtd">
24:
25: <html xmlns="http://www.w3.org/1999/xhtml">
26:     <head>
27:         <title>Log Out</title>
28:     </head>
29:     <body>
30:         <h1>You are logged out!</h1>
31:         <h3><a href="home.php">home</a></h3>
32:     </body>
33: </html>
```