

```
1:
2: <!DOCTYPE html
3:     PUBLIC "-//W3C//DTD XHTML 1.0 Transitional//EN"
4:     "http://www.w3.org/TR/xhtml1/DTD/xhtml1-transitional.dtd">
5:
6: <html xmlns="http://www.w3.org/1999/xhtml">
7:   <head>
8:     <title>Frosh IMs</title>
9:   </head>
10:  <body>
11:    <div align="center">
12:      <h1>Register for Frosh IMs</h1>
13:      <br /><br />
14:      <form action="register.php" method="get">
15:        <table border="0" style="text-align: left;">
16:          <tr>
17:            <td>Name:</td>
18:            <td><input name="name" type="text" /></td>
19:          </tr>
20:          <tr>
21:            <td>Captain:</td>
22:            <td><input name="captain" type="checkbox" /></td>
23:          </tr>
24:          <tr>
25:            <td>Gender:</td>
26:            <td><input name="gender" type="radio" value="F" /> F <input name="gender" type="radio" value="M" /> M<
/td>
27:          </tr>
28:          <tr>
29:            <td>Dorm:</td>
30:            <td>
31:              <select name="dorm" size="10">
32:                <option value="Apley Court">Apley Court</option>
33:                <option value="Canaday">Canaday</option>
34:                <option value="Grays">Grays</option>
35:                <option value="Greenough">Greenough</option>
36:                <option value="Hollis">Hollis</option>
37:                <option value="Holworthy">Holworthy</option>
38:                <option value="Hurlbut">Hurlbut</option>
39:                <option value="Lionel">Lionel</option>
40:                <option value="Matthews">Matthews</option>
41:                <option value="Mower">Mower</option>
42:                <option value="Pennypacker">Pennypacker</option>
43:                <option value="Stoughton">Stoughton</option>
44:                <option value="Straus">Straus</option>
45:                <option value="Thayer">Thayer</option>
46:                <option value="Weld">Weld</option>
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47:             <option value="Wigglesworth">Wigglesworth</option>
48:         </select>
49:     </td>
50: </tr>
51: </table>
52: <br /><br />
53: <input type="submit" value="Register!" />
54: </form>
55: </div>
56: </body>
57: </html>
58:
```

```
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" 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:     * 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:     * login3.php
4:     *
5:     * A simple login module that remembers username of most recently
6:     * authenticated user so that it can pre-populate the username
7:     * field next time.
8:     *
9:     * Computer Science E-75
10:    * David J. Malan
11:    */
12:
13:    // enable sessions
14:    session_start();
15:
16:    // were this not a demo, these would be in some database
17:    define("USER", "jharvard");
18:    define("PASS", "crimson");
19:
20:    // if username and password were submitted, check them
21:    if (isset($_POST["user"]) && isset($_POST["pass"]))
22:    {
23:        // if username and password are valid, log user in
24:        if ($_POST["user"] == USER && $_POST["pass"] == PASS)
25:        {
26:            // remember that user's logged in
27:            $_SESSION["authenticated"] = TRUE;
28:
29:            // save username in cookie for a week
30:            setcookie("user", $_POST["user"], time() + 7 * 24 * 60 * 60);
31:
32:            // redirect user to home page, using absolute path, per
33:            // http://us2.php.net/manual/en/function.header.php
34:            $host = $_SERVER["HTTP_HOST"];
35:            $path = rtrim(dirname($_SERVER["PHP_SELF"]), "\\");
36:            header("Location: http://$host$path/home.php");
37:            exit;
38:        }
39:    }
40: ?>
41:
42: <!DOCTYPE html PUBLIC "-//W3C//DTD XHTML 1.0 Transitional//EN" "http://www.w3.org/TR/xhtml1/DTD/xhtml1-transitional
43: .dtd">
44: <html xmlns="http://www.w3.org/1999/xhtml">
45:     <head>
46:         <title>Log In</title>
```



```
47: </head>
48: <body>
49:   <form action="<? echo $_SERVER["PHP_SELF"]; ?>" method="post">
50:     <table>
51:       <tr>
52:         <td>Username:</td>
53:         <td><input name="user" type="text" value="<? echo ($_POST["user"]) ? $_POST["user"] : $_COOKIE["user"]; ?
>" /></td>
54:       </tr>
55:       <tr>
56:         <td>Password:</td>
57:         <td><input name="pass" type="password" /></td>
58:       </tr>
59:       <tr>
60:         <td></td>
61:         <td><input type="submit" value="Log In" /></td>
62:       </tr>
63:     </table>
64:   </form>
65: </body>
66: </html>
```

```
1: <?
2:     /**
3:     * login4.php
4:     *
5:     * A simple login module that lets a user stay logged in
6:     * by saving username and, ack, password in cookies.
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 saved in cookie, check them
20:    if (isset($_COOKIE["user"]) && isset($_COOKIE["pass"]))
21:    {
22:        // if username and password are valid, log user back in
23:        if ($_COOKIE["user"] == USER && $_COOKIE["pass"] == PASS)
24:        {
25:            // remember that user's logged in
26:            $_SESSION["authenticated"] = TRUE;
27:
28:            // re-save username and, ack, password in cookies for another week
29:            setcookie("user", $_COOKIE["user"], time() + 7 * 24 * 60 * 60);
30:            setcookie("pass", $_COOKIE["pass"], time() + 7 * 24 * 60 * 60);
31:
32:            // redirect user to home page, using absolute path, per
33:            // http://us2.php.net/manual/en/function.header.php
34:            $host = $_SERVER["HTTP_HOST"];
35:            $path = rtrim(dirname($_SERVER["PHP_SELF"]), "\\");
36:            header("Location: http://$host$path/home.php");
37:            exit;
38:        }
39:    }
40:
41:    // else if username and password were submitted, grab them instead
42:    else if (isset($_POST["user"]) && isset($_POST["pass"]))
43:    {
44:        // if username and password are valid, log user in
45:        if ($_POST["user"] == USER && $_POST["pass"] == PASS)
46:        {
47:            // remember that user's logged in
```

```
48:         $_SESSION["authenticated"] = TRUE;
49:
50:         // save username in cookie for a week
51:         setcookie("user", $_POST["user"], time() + 7 * 24 * 60 * 60);
52:
53:         // save password in, ack, cookie for a week if requested
54:         if ($_POST["keep"])
55:             setcookie("pass", $_POST["pass"], time() + 7 * 24 * 60 * 60);
56:
57:         // redirect user to home page, using absolute path, per
58:         // http://us2.php.net/manual/en/function.header.php
59:         $host = $_SERVER['HTTP_HOST'];
60:         $path = rtrim(dirname($_SERVER["PHP_SELF"]), "\\");
61:         header("Location: http://$host$path/home.php");
62:         exit;
63:     }
64: }
65: ?>
66:
67: <!DOCTYPE html PUBLIC "-//W3C//DTD XHTML 1.0 Transitional//EN" "http://www.w3.org/TR/xhtml1/DTD/xhtml1-transitional
.dtd">
68:
69: <html xmlns="http://www.w3.org/1999/xhtml">
70:     <head>
71:         <title>Log In</title>
72:     </head>
73:     <body>
74:         <form action="<? echo $_SERVER["PHP_SELF"]; ?>" method="post">
75:             <table>
76:                 <tr>
77:                     <td>Username:</td>
78:                     <td><input name="user" type="text" value="<? echo ($_POST["user"]) ? $_POST["user"] : $_COOKIE["user"]; ?
>" /></td>
79:                 </tr>
80:                 <tr>
81:                     <td>Password:</td>
82:                     <td><input name="pass" type="password" /></td>
83:                 </tr>
84:                 <tr>
85:                     <td></td>
86:                     <td><input name="keep" type="checkbox" /> &nbsp; keep me logged in until I click <b>log out</b></td>
87:                 </tr>
88:                 <tr>
89:                     <td></td>
90:                     <td><input type="submit" value="Log In" /></td>
91:                 </tr>
92:             </table>
```

```
93:     </form>  
94: </body>  
95: </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>
```