

```

<?php
include 'songs.php';
/*required for session and song class*/
session_start();
?>
<!DOCTYPE html>
<html>
<head>
    <title>Login</title>
    <link rel="stylesheet" type="text/css" href="styles.css">
    <link rel="icon" type="img" href="images/logo.png">
</head>
<body>
    <?php
        /*Albums Decalrations into cookies. Dont know why it doesnt work without this*/

        $_COOKIE['dsotm0'] = new Song("Speak to Me");
        $_COOKIE['dsotm1'] = new Song("Breathe (In the Air)");
        $_COOKIE['dsotm2'] = new Song("On the Run");
        $_COOKIE['dsotm3'] = new Song("Time");
        $_COOKIE['dsotm4'] = new Song("The Great Gig in the Sky");
        $_COOKIE['dsotm5'] = new Song("Money");
        $_COOKIE['dsotm6'] = new Song("Us and Them");
        $_COOKIE['dsotm7'] = new Song("Any Colour You Like");
        $_COOKIE['dsotm8'] = new Song("Brain Damage");
        $_COOKIE['dsotm9'] = new Song("Eclipse");

        $_COOKIE['wywh0'] = new Song("Shine On You Crazy Diamond Pt. 1-5");
        $_COOKIE['wywh1'] = new Song("Welcome to the Machine");
        $_COOKIE['wywh2'] = new Song("Have a Cigar");
        $_COOKIE['wywh3'] = new Song("Wish You Were Here");
        $_COOKIE['wywh4'] = new Song("Shine On You Crazy Diamond Pt. 6-9");

        $_COOKIE['a0'] = new Song("Pigs on the Wing Pt. 1");
        $_COOKIE['a1'] = new Song("Dogs");
        $_COOKIE['a2'] = new Song("Pigs (Three Different Ones)");
        $_COOKIE['a3'] = new Song("Sheep");
        $_COOKIE['a4'] = new Song("Pigs on the Wing Pt. 2");

        $_COOKIE['tfc0'] = new Song("The Post War Dream");
        $_COOKIE['tfc1'] = new Song("Your Possible Pasts");
        $_COOKIE['tfc2'] = new Song("One of the Few");
        $_COOKIE['tfc3'] = new Song("When the Tigers Broke Free");
        $_COOKIE['tfc4'] = new Song("The Hero's Return");
        $_COOKIE['tfc5'] = new Song("The Gunner's Dream");
        $_COOKIE['tfc6'] = new Song("Paranoid Eyes");
        $_COOKIE['tfc7'] = new Song("Get Your Filthy Hands Off My Desert");
        $_COOKIE['tfc8'] = new Song("The Fletcher Memorial Home");
        $_COOKIE['tfc9'] = new Song("Southampton Dock");
        $_COOKIE['tfc10'] = new Song("The Final Cut");
        $_COOKIE['tfc11'] = new Song("Not Now John");
        $_COOKIE['tfc12'] = new Song("Two Suns in the Sunset");

    ?>
    <div class="menu">
        <br>
        <br>
        <br>
        <div class="cont">
            <a href="about.php">About</a>

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    </div>
</div>
<div class="lib">
    <form method="post">
        <h1>Login</h1>
        <input type="text" name="user" placeholder="Username">
        <button type="submit">Login</button>
        <?php
        /*if the user in post is found in cookies*/
        if (isset($_POST['user'])) {
            foreach ($_COOKIE as $nameC) {
                if ($_POST['user'] == $nameC) {
                    header("Location: library.php");
                }
            }
            echo "<br> <p>Invalid Username</p>";
        }
        ?>
    </form>
    <form method="post">
        <h1>Register</h1>
        <input type="text" name="new" placeholder="New Username">
        <br>
        <br>
        <input type="password" name="admin" placeholder="Admin Password">
        <br>
        <br>
        <button type="submit">Register</button>
        <?php
        /*registers new user in cookies and declares the initial values of the songs
        that can be purchased */
        if (isset($_POST['new']) && $_POST['admin'] == "3659") {
            setcookie($_POST['new'], $_POST['new'], time() + (86400 * 30), "/");
            $_SESSION['dsotm0'] = new Song("Speak to Me");
            $_SESSION['dsotm1'] = new Song("Breathe (In the Air)");
            $_SESSION['dsotm2'] = new Song("On the Run");
            $_SESSION['dsotm3'] = new Song("Time");
            $_SESSION['dsotm4'] = new Song("The Great Gig in the Sky");
            $_SESSION['dsotm5'] = new Song("Money");
            $_SESSION['dsotm6'] = new Song("Us and Them");
            $_SESSION['dsotm7'] = new Song("Any Colour You Like");
            $_SESSION['dsotm8'] = new Song("Brain Damage");
            $_SESSION['dsotm9'] = new Song("Eclipse");

            $_SESSION['wywh0'] = new Song("Shine On You Crazy Diamond Pt. 1-5");
            $_SESSION['wywh1'] = new Song("Welcome to the Machine");
            $_SESSION['wywh2'] = new Song("Have a Cigar");
            $_SESSION['wywh3'] = new Song("Wish You Were Here");
            $_SESSION['wywh4'] = new Song("Shine On You Crazy Diamond Pt. 6-9");

            $_SESSION['a0'] = new Song("Pigs on the Wing Pt. 1");
            $_SESSION['a1'] = new Song("Dogs");
            $_SESSION['a2'] = new Song("Pigs (Three Different Ones)");
            $_SESSION['a3'] = new Song("Sheep");
            $_SESSION['a4'] = new Song("Pigs on the Wing Pt. 2");

            $_SESSION['tfc0'] = new Song("The Post War Dream");
            $_SESSION['tfc1'] = new Song("Your Possible Pasts");
            $_SESSION['tfc2'] = new Song("One of the Few");
            $_SESSION['tfc3'] = new Song("When the Tigers Broke Free");
            $_SESSION['tfc4'] = new Song("The Hero's Return");
        }
    </form>

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$_SESSION['tfc5'] = new Song("The Gunner's Dream");
$_SESSION['tfc6'] = new Song("Paranoid Eyes");
$_SESSION['tfc7'] = new Song("Get Your Filthy Hands Off My Desert");
$_SESSION['tfc8'] = new Song("The Fletcher Memorial Home");
$_SESSION['tfc9'] = new Song("Southampton Dock");
$_SESSION['tfc10'] = new Song("The Final Cut");
$_SESSION['tfc11'] = new Song("Not Now John");
$_SESSION['tfc12'] = new Song("Two Suns in the Sunset");
    }
    ?>
</form>
</div>
</body>
</html>
```

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<?php
include 'songs.php';
/*required for session and song class*/
session_start();
?>
<!DOCTYPE html>
<!-- saved from url=(0141)https://www.quackit.com/html/html_editors/scratchpad/preview.cfm?example=/css/flexbox/tutorial/create_a_website_layout_with_flex
<html><head><title>iRecords</title>
<link rel="icon" type="img" href="images/irecords.png">
<style>
body {
    margin: 0;
    background-color: black;
}
.header {
    width: auto;
    margin: 0;
    background-color: yellow;
    padding: 10px;
}
.header a {
    color: black;
    text-decoration: none;
}
.cont {
    background-color: black;
    width: 100%;
}
.cont p {
    color: white;
    font-family: Arial;
    padding-right: 15px;
}
.cont img {
    width: 20%;
    vertical-align: middle;
    margin: 10px;
}
.cont table {
    width: auto;
}
.cont button {
background-color: yellow;
border-style: none;
border-radius: 10px;
margin: 0;
padding: 7px;
font-family: Arial;
color: black;
}
.cont input{
    background-color: white;
    border-style: none;
    margin-right: 10px;
    border-radius: 10px;
    padding: 7px;
    font-family: Arial;
    color: black;
}
.cont input::placeholder {
    font-family: Arial;
    color: grey;
}
</style>
</head><body>
<div class="header">
<p style="font-size: 50px; font-family: Arial;">iRecords &ems;

</div>
<div class="cont">
<center><h1 style="font-family: Arial; color: white;">We only sell the best two Pink Floyd Albums!</h1>
<h1 style="font-family: Arial; color: white;">If you only like these two, you're a real fan!</h1>
<br>
<br>
<br>
<br>
<br>
<br>
<h2 style="font-family: Arial; color: white;">Wish You Were Here</h2>
<table>
    <?php
    /*used to determine if the button to buy song was pressed by setting a velur to the designated index in post*/
    if (isset($_POST['buySong'])) {
        $_SESSION[$_POST['buySong']]>purchased = true;
        /*checks if the user defined a note when buying the song*/
        if (isset($_POST['note'])) {
            $_SESSION[$_POST['buySong']]>note = $_POST['note'];
        }
    }

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        /*resets the values just in case*/
        $_POST['buySong'] = "";
        $_POST['note'] = "";
    }
    /*method used to print a html table containing songs that have benn not purchased
    by accesing the unique identifier*/
    echo "<img src=\"images/wywh.png\">";
    for ($i=0; $i < 5; $i++) {
        $index = "wywh".$i;
        if ($_SESSION[$index]->purchased == false) {
            echo "<tr><td><p>".$_SESSION[$index]->name."</p></td>";
            echo "<td><form method=\"post\"><input type=\"text\" name=\"note\" placeholder=\"Optional Note\"></td><td>";
            echo "<button type=\"submit\" name=\"buySong\" value=\"wywh$i\">Buy Song</button></form></td></tr>";
        }
    }
    ?>
</table>
<br>
<br>
<br>
<br>
<br>
<br>
<h2 style="font-family: Arial; color: white;">The Dark Side of the Moon</h2>
<table>
    <?php
    /*same as above*/
    if (isset($_POST['buySong'])) {
        $_SESSION[$_POST['buySong']]->purchased = true;
        if (isset($_POST['note'])) {
            $_SESSION[$_POST['buySong']]->note = $_POST['note'];
        }
        $_POST['buySong'] = "";
        $_POST['note'] = "";
    }
    echo "<img src=\"images/dsotm.png\">";
    /*same as above*/
    for ($i=0; $i < 10; $i++) {
        $index = "dsotm".$i;
        if ($_SESSION[$index]->purchased == false) {
            echo "<tr><td><p>".$_SESSION[$index]->name."</p></td>";
            echo "<td><form method=\"post\"><input type=\"text\" name=\"note\" placeholder=\"Optional Note\"></td><td>";
            echo "<button type=\"submit\" name=\"buySong\" value=\"dsotm$i\">Buy Song</button></form></td></tr>";
        }
    }
    ?>
</table>
</table></center>
</div>
</body></html>

```

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<?php
include 'songs.php';
/*required for session and song class*/
session_start();
?>
<!DOCTYPE html>
<html>
<head>
    <meta charset="utf-8">
    <title>Library</title>
    <link rel="stylesheet" type="text/css" href="styles.css">
    <link rel="icon" type="img" href="images/logo.png">
</head>
<body>
    <?php
    /*if the delete song was deleted it will retrieve the index value submitted to post to set the song to false*/
    if (isset($_POST['deleteSong'])) {
        $_SESSION[$_POST['deleteSong']->purchased] = false;
        /*resets value of the note*/
        $_SESSION[$_POST['deleteSong']->note] = "";
        /*resets post just in case*/
        $_POST['deleteSong'] = "";
    }
    ?>
    <div class="menu" tag="menu">
        <br>
        <br>
        <br>
        <div class="cont">
            <a href="">My Library</a>
        </div>
        <br>
        <div class="cont">
            <a href="store.php"><?php echo $_SESSION['store']; ?>>Stores</a>
        </div>
        <br>
        <div class="cont">
            <a href="about.php">About</a>
        </div>
        <br>
        <div class="cont">
            <a href="index.php">Logout</a>
        </div>
    </div>
    <div class="lib">
        <h1>My Music Library</h1>
        <table>
            <?php
            /*Display purchased songs by checking if purchased is true
            * Deletes a song by sending an index value to post and setting purchased to false
            this is repeated in all the forLoops below*/
            for ($i=0; $i < 5; $i++) {
                $index = "a".$i;
                if ($_SESSION[$index]->purchased == true) {
                    echo "<tr><td><p><img src='\"images/a.jpg\"'>".$_SESSION[$index]->name."</p></td>";
                    echo "<td><p><i>".$_SESSION[$index]->note."</i></p></td>";
                    echo "<td><form method='\"post\"'>";
                    /*when deleting a song each button return a unique value which corresponds to its index identifier in the session array
                    this is the same for all the forLoops below*/
                    echo "<button type='\"submit\"' name='\"deleteSong\"' value='\"a".$i.">Delete Song</button></form></td></tr>";
                }
            }
            for ($i=0; $i < 10; $i++) {
                $index = "dsotm".$i;
                if ($_SESSION[$index]->purchased == true) {
                    echo "<tr><td><p><img src='\"images/dsotm.png\"'>".$_SESSION[$index]->name."</p></td>";
                    echo "<td><p><i>".$_SESSION[$index]->note."</i></p></td>";
                    echo "<td><form method='\"post\"'>";
                    echo "<button type='\"submit\"' name='\"deleteSong\"' value='\"dsotm".$i.">Delete Song</button></form></td></tr>";
                }
            }
            for ($i=0; $i < 13; $i++) {
                $index = "tfc".$i;
                if ($_SESSION[$index]->purchased == true) {
                    echo "<tr><td><p><img src='\"images/tfc.jpg\"'>".$_SESSION[$index]->name."</p></td>";
                    echo "<td><p><i>".$_SESSION[$index]->note."</i></p></td>";
                    echo "<td><form method='\"post\"'>";
                    echo "<button type='\"submit\"' name='\"deleteSong\"' value='\"tfc".$i.">Delete Song</button></form></td></tr>";
                }
            }
            for ($i=0; $i < 5; $i++) {
                $index = "wywh".$i;
                if ($_SESSION[$index]->purchased == true) {
                    echo "<tr><td><p><img src='\"images/wywh.png\"'>".$_SESSION[$index]->name."</p></td>";
                    echo "<td><p><i>".$_SESSION[$index]->note."</i></p></td>";
                    echo "<td><form method='\"post\"'>";
                    echo "<button type='\"submit\"' name='\"deleteSong\"' value='\"wywh".$i.">Delete Song</button></form></td></tr>";
                }
            }
        </table>
    </div>
    ?>

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    </table>
  </div>
</body>
</html>
```

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<?php
include 'songs.php';
/*required for session and song class*/
session_start();
?>
<!DOCTYPE html>
<html lang="en" dir="ltr">
<head>
    <title>Pear Music</title>
    <meta charset="iso-8859-1">
    <link rel="stylesheet" href="styles/layout.css" type="text/css">
    <link rel="icon" type="img" href="images/pear.jpg">
</head>
<body>
    <div class="wrapper row1">
        <header id="header" class="clear">
            <div id="hgroup">
                <h1><a href="pear.php">Pear Music</a></h1>
            </div>
            <nav>
                <ul>
                    <li><a href="library.php">Go Back to Library</a></li>
                </ul>
            </nav>
        </header>
    </div>
    <!-- content -->
    <div class="wrapper row2">
        <div id="container" class="clear">
            <!-- Slider -->
            <section id="slider" class="clear">
                <figure>
                <figcaption>
                    <h2>Just for You...</h2>
                    <p>If you like a not-so-mainstream band, but don't like people that only like their most popular albums, th
                </figcaption>
            </figure>
        </section>
        <!-- main content -->
        <div id="intro">
            <center><section class="clear">
                <article>
                    <figure>
                        <ul class="clear">
                            <?php
                                /*used to determine if the button to buy song was pressed by setting a velur to the design
                                if (isset($_POST['buySong'])) {
                                    $_SESSION[$_POST['buySong']]>purchased = true;
                                    /*checks if the user defined a note when buying the song*/
                                    if (isset($_POST['note'])) {
                                        $_SESSION[$_POST['buySong']]>note = $_POST['note'];
                                    }
                                    /*resets the values just in case*/
                                    $_POST['buySong'] = "";
                                    $_POST['note'] = "";
                                }
                                /*method used to print a html list containing songs that have benn not purchased
                                by accesing the unique identifier*/
                                for ($i=0; $i < 5; $i++) {
                                    $index = "a".$i;
                                    if ($_SESSION[$index]>purchased == false) {
                                        echo "<li><img src=\"images/a.jpg\" width=\"130\" height=\"130\">"
                                        echo "<form method=\"post\"><p>".$_SESSION[$index]>name."</p>";
                                        echo "<input type=\"text\" name=\"note\" placeholder=\"Optional No";
                                        echo "<button type=\"submit\" name=\"buySong\" value=\"a$i\">Buy S";
                                    }
                                }
                                for ($i=0; $i < 13; $i++) {
                                    $index = "tfc".$i;
                                    if ($_SESSION[$index]>purchased == false) {
                                        echo "<li><img src=\"images/tfc.jpg\" width=\"130\" height=\"130\">"
                                        echo "<form method=\"post\"><p>".$_SESSION[$index]>name."</p>";
                                        echo "<input type=\"text\" name=\"note\" placeholder=\"Optional No";
                                        echo "<button type=\"submit\" name=\"buySong\" value=\"tfc$i\">Buy";
                                    }
                                }
                            ?>
                        </ul>
                    </figure>
                </article>
            </section></center>
        </div>
        <!-- ##### -->
        <!-- ##### -->
        <!-- ##### -->
        <!-- ##### -->
    </div>
    <!-- / content body -->

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</div>
</div>
<!-- Footer -->
<div class="wrapper row3">
  <footer id="footer" class="clear">
    <p class="fl_left">Copyright &copy; 2018 - All Rights Reserved</p>
    <p class="fl_right">Template by <a href="http://www.os-templates.com/" title="Free Website Templates">OS Templates</a></p>
  </footer>
</div>
</body>
</html>
```

```
<?php
/*PHP Class Declaration*/
class Song {
    public $name;
    public $purchased;
    public $note;
    public function __construct($songName) {
        $this->name = $songName;
        $this->note = "No Notes";
    }
    public function setNote($note)
    {
        $this->note = $note;
    }
}
?>
```