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Q1: For this assignment, you need to create four php pages as follow:

1. Home page: this page has links for all other pages below. This page acts as home page or index.
2. Login page: This page has two text boxes and one submit button. The text boxes are used to collect the username and the password. This page works as follow:
    a. If the user enter username= **Mike** and password=**12345**, and click submit button, the page will provide access and direct the user into welcome page. If the user enters something else, print a message saying: "username and password incorrect".
    b. Before you direct the user into welcome page, you need to save the username and password entered by the user into sessions so you can use them in another pages.

3. Welcome page: in the welcome page test if the sessions you created in login page are set or not. If the sessions are created (set), print their values (in this case username and password). Otherwise, print an error message saying: "sessions are not set". This page needs to have a link to home page, when the user clicks the link, the user is directed to home page.

4. Log out page: when the user clicks log out link in the home page, log out page is called, and all sessions are removed (remove sessions code should be in log out page), and the user is directed back to home page. At this point if you visit welcome page, the page should print the error message that says: "sessions are not set" because the sessions are destroyed.

#1

Homepage.html

```html
<!DOCTYPE html>
<html lang="en" dir="ltr">
  <head>
    <meta charset="utf-8">
```

```html
    <title></title>
  </head>
  <body>
    <h2>Welcome to HOMEPAGE</h2>
    <a href="login.php">Login</a>
    <br>
    <br>
    <a href="logout.php">Logout</a>
    <br>
    <br>
    <a href="welcome.php">Welcome</a>
  </body>
</html>
```

#2

Login.php

```php
<?php
session_start();
?>
```

```html
<!DOCTYPE html>
<html lang="en" dir="ltr">
  <head>
    <meta charset="utf-8">
    <title></title>

  </head>
<body>

<form action='login.php' method='POST'>

User Name:<input type='text' name='username'>
<br>
<br>
Password:<input type='password' name='password'>
<br>
<br>
<br>
<input type='submit' name='submit' value='Log in'>
</form>

  </body>
</html>
<?php
$users_doc = array(

    'Alex'=> 'php'
);
```

```php
if(isset($_POST['submit']))
{
    $uname = $_POST['username'];
    $pass = $_POST['password'];
    {
        foreach($users_doc as $username => $password)
        if($username == $uname && $password == $pass)
        {
            echo  "<p>Login successful!</p>";
            $_SESSION['username'] = "Alex";
            $_SESSION['password'] = "php";
            echo "Session variables are set.";


             include "welcome.php";




        }
        else
        {
            echo "<p>Username or Password incorrect!</p>";


        }

    }
}
?>
```

#3

Logout.php

```php
<?php
session_start();
?>


<html>
<body>


<?php
unset($_SESSION["username"]);
unset($_SESSION["password"]);


// destroy the session
session_destroy();
?>
<!DOCTYPE html>
<html lang="en" dir="ltr">
  <head>
    <meta charset="utf-8">
    <title></title>
  </head>
  <body>
    <a href="homepage.html">Click here to go to Homepage</a>
  </body>
</html>
```

```
</body>
</html>
```

#4

Welcome.php

```php
<?php
session_start();
?>
<!DOCTYPE html>
<html lang="en" dir="ltr">
  <head>
    <meta charset="utf-8">
    <title></title>
  </head>
  <body>
    <h2>Hi! Welcome to the Content Page.</h2>
    <?php
    // Echo session variables that were set on previous page
    if (isset($_SESSION['username'])) {
    echo "Username is " . $_SESSION["username"] . ".<br>";


    }
    if (isset($_SESSION['password'])) {
    echo "Password is " . $_SESSION["password"] . ".<br>";


    }
```

```
  else {
    echo "Sessions are not set";
  }
  ?>


  <a href="homepage.html">Click here to go to Homepage</a>
 </body>
</html>
```

Welcome to HOMEPAGE

[Login](#)

[Logout](#)

[Welcome](#)

User Name: Alex

Password: •••

Log in

User Name:

Password:

Log in

Login successful!

Session variables are set.

Hi! Welcome to the Content.

Username is Alex.
Password is php.
Click here to go to Homepage

User Name: Jay

Password: ••••

Log in

Username or Password incorrect!

Welcome to HOMEPAGE

Login

Logout

Welcome

Click here to go to Homepage

Welcome to HOMEPAGE

Login

Logout

Welcome

Sessions are not set Click here to go to Homepage