SOEN 287

Tutorial 10 – PHP Advanced

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PHP arrays

named keys

Associative Arrays

$bar = ['name1' => 'a', 'name2' => 'b', 'name3' => 'c'];

```php
<?php
$ bar =array( 'name1'=>' a ', 'name2'=>'b', 'name3'=>'c');
echo "Array as it is:<br />";
print_r($bar);
echo ("<br /><br />");
?>
```

jQuery & PHP function

jQuery serialize() Method
- ✓ The serialize() method creates a URL encoded text string by serializing form values.
- ✓ You can select one or more form elements (like input and/or text area), or the form element itself.
- ✓ The serialized values can be used in the URL query string when making an AJAX request.

PHP file_get_contents() function
   this function reads a file into a string.

        file_get_contents(path, include_path, context, start, max_length)

Required

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PHP arrays

```
echo "Array after it is serialized:<br />";
$bar1 = serialize($bar);
print_r($bar1);
echo ("<br /><br />");
```

```
echo "Array after it is unserialized:<br />";
$bar2=unserialize($bar1);
print_r($bar2);
```

Array after it is serialized:
a:3:{s:5:"name1";s:1:"a";s:5:"name2";
s:1:"b";s:5:"name3";s:1:"c";}

Array as it is:
Array ([name1] => a [name2] => b
[name3] => c)

Logging Visitors

```php
<?php
session_start();
$file = 'visitors.log';
$ids = unserialize(file_get_contents($file));
if (!is_array($ids))
        $ids = [];
if (!array_key_exists(session_id(), $ids))
        $ids[session_id()] = true;
file_put_contents($file, serialize($ids));
echo 'Your session id is: ' . session_id();
echo '<br />';
echo 'Count of unique visitors: ' .
count($ids);
?>
```

- Create a blank visitors.log file in the same directory as the php file
- Use serialize/unserialize to convert between array and string for file operations
- Array bracket notations to add new key value pairs

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practice

Finish the website with the following requirements.

Main page: add a link Login in the menu. Only logged in users can see the image.

Login page: include a form accepts an email address and a password. When the user clicks the submit button, read the users.txt file to check the user's information. If login successfully, direct the user to the main page. The Login link is replaced with a Logout link.

practice