

## Name : Mayur Purushvani

### Word censoring :

The word censoring is to hide the bad words that are inappropriate for the greater good of the public view.

We can use replace function in this concept.

When we use only replace function, I cannot implement the lower or upper case words, like any user write bad words in upper case, so replace function not identify that uppercase words. I have to use strtolower(). Or else I've to use str\_ireplace() function.

Let's look at the below example :

```
<?php

$find = array('mayur', 'akshay', 'max');
$replace = array('m***r', 'a***y', 'm*x');

if (isset($_POST['user_input']) && !empty($_POST['user_input'])) {
    $user_input = $_POST['user_input'];
    // $user_input_lc = strtolower($user_input); //OR You can use str_ireplace
    method..!
    $user_input_new = str_ireplace($find, $replace, $user_input);
    echo $user_input_new;
}

?>

<form action="word_censoring.php" method="POST">
    <hr>
    <textarea name="user_input" rows="10" cols="50">
</textarea>
    <br><br><br>
    <input type="submit" name="submit">
</form>
```

### Find and Replace Application Code :

```
<?php

$offset = 0;
if (isset($_POST['text']) && isset($_POST['search']) && isset($_POST['replace'])) {
    $text = $_POST['text'];
    $search = $_POST['search'];
    $replace = $_POST['replace'];

    $search_length = strlen($search);

    if (!empty($text) && !empty($search) && !empty($replace)) {
        while ($strpos = strpos($text, $search, $offset)) {
            $offset = $strpos + $search_length;
            $text = substr_replace($text, $replace, $strpos, $search_length);
        }
        echo $text;
    } else {
        echo 'Please fill all fields!';
    }
}

?>

<form action="find_and_replace_app.php" method="POST">
    <hr>
    <textarea name="text" rows="6" cols="30"></textarea><br><br>
    Search For :
    <br>
    <input type="text" name="search"><br><br>
    Replace with :
    <br>
    <input type="text" name="replace"><br><br>
    <input type="submit" name="submit" value="Find and Replace">

</form>
```

### Timestamps :

The default time is 12:00:00am. And time() returns the current time from jan 1 1970.

- H - 24-hour format of an hour (00 to 23)
- h - 12-hour format of an hour with leading zeros (01 to 12)
- i - Minutes with leading zeros (00 to 59)
- s - Seconds with leading zeros (00 to 59)
- a - Lowercase Ante meridiem and Post meridiem (am or pm)

Example :

```
<?php

echo time()."<br>"; // returns the current time in the number of seconds since the Unix Epoch (January 1 1970 00:00:00 GMT).

$actual_time = date('D M Y @ H:i:sa');
echo $actual_time."<br>";

$d=strtotime("tomorrow");
echo date("D M Y @ h:i:sa", $d) . "<br>";

?>
```

Modifying the time Example :

```
<?php

$time = time();
echo $time."<br>"; // returns the current time in the number of seconds since the Unix Epoch (January 1 1970 00:00:00 GMT).

$actual_time = date('D M Y @ H:i:sa');
echo "<b>Current Time : </b>". $actual_time."<br>";

$d=strtotime("tomorrow");
echo "<b>Tomorrow's Time : </b>".date("D M Y @ h:i:sa", $d) . "<br>";

$modified = date('D M Y @ H:i:sa', strtotime('+1 week'));
echo "<b>Modified Time : </b>". $modified;

?>
```

### Random Number Generate :

rand() method is used to generate the random numbers.

The first argument is from where to start a random number and the second number is from where to end the number.

```
<?php
if (isset($_POST['roll'])) {
    $rand = rand(1, 6);
    echo 'You rolled a : ' . $rand;
}

?>
<form action="random_number_generator.php" method="POST">
    <input type="submit" name="roll" value="Roll Dice">
</form>
```

### \$ \_SERVER variable :

\$\_SERVER is a PHP super global variable which holds information about headers, paths, and script locations.

In below example, there are 3 files, one is header, index and anotherfile.php.

Run this program and see the index and anotherfile.php's inspect code.

You can see the difference between this two.

Header.php :

```
<?php
$script_name= $_SERVER['SCRIPT_NAME'];

?>

<form action = "<?php echo $script_name; ?>" method = "POST">
<input type="submit" name="submit" value="Submit">
</form>
```

Aotherfile.php :

```
<?php

include('header.php');

if (isset($_POST['submit'])) {
    echo 'Process 2';
}

?>
```

Index.php :

```
<?php

include('header.php');

if (isset($_POST['submit'])) {
    echo 'Process 1';
}

?>
```

### **\$\_SERVER variable example 2 :**

We can access any folder data via this example :

In this example, We've a localhost/image/header.jpg file in my project.

Config.php :

```
<?php

$host = $_SERVER['HTTP_HOST'];
$images = $host."/image/";

?>
```

Index.php:

```
<?php

require 'config.php';

echo '<img src = "'.$images.'header.jpg' />';

?>
```

### Redirection to the website :

```
<?php

$redirect_page = 'https://bestlaptopsguides.com';
$redirect = true;

if ($redirect == true) {
    header('Location:' . $redirect_page);
}

?>
```

### **Ob\_start() :**

Here, we have a ob\_start(), ob\_end\_clean() and ob\_end\_flush() methods.

Clean means it cleans all the content throughout the page.

And flush means default content of the page is as it is.

Like in below example the default content is 'Hello this is my page!'.

```
<?php ob_start(); ?>
<h1>Hello this is my page!</h1>

<?php

$redirect_page = 'https://bestlaptopsguides.com';
$redirect = false;

if ($redirect == true) {
    header('Location:' . $redirect_page);
}

//ob_end_clean(); //The default content is not shown when page redirect is false
ob_end_flush(); //The default content is shown when page redirect is false
?>
```

### IP Address Example :

To block the visitor's IP address, we have a method called  
\$\_SERVER['REMOTE\_ADDR'].

Example :

Index.php :

```
<?php
```

```
require 'config.php';
foreach($ip_blocked as $ip) {
    if ($ip == $ip_address) {
        die('Your IP address, ' . $ip_address. ' has been blocked');
    }
}
?>
```

Config.php :

```
<?php

$ip_address = $_SERVER['REMOTE_ADDR'];

$ip_blocked = array('::1','100.100.100.100');

?>
<h1>welcome</h1>
```

### **Browsecap.ini file :**

**Browscap** is an open project dedicated to collecting and disseminating a "database" of browser capabilities – actually a set of different **files** describing browser capabilities. PHP has built-in support for using these **files** via the » `get_browser()` function. This function requires that your php.

Download the file from [browscap.org](http://browscap.org) first.

Put it into C:/xampp/php/.

Configure php.ini file :

In latest version, we have that file on C:/xampp/php/extras/ folder.

```
<?php

$browser = get_browser(null, true);
print_r($browser);

?>
```

### Browse detecting Example :

```
<?php

$browser = get_browser(null, true);
$browser = strtolower($browser['browser']);

if ($browser != "chrome") {
    echo "Please use Chrome browser!";
}

?>
```

### \$\_GET Example :

```
<?php

if (isset($_GET['day']) && isset($_GET['date']) && isset($_GET['year'])) {
    $day = $_GET['day'];
    $date = $_GET['date'];
    $year = $_GET['year'];

    if (!empty($day) && !empty($date) && !empty($year)) {
        echo 'It is ' . $day . ' ' . $date . ' ' . $year;
    } else {
        echo "Fill all the fields!";
    }
}

?>

<form action="$_GET.php" method="GET">

    Day : <br><input type="text" name="day"><br>
    Date : <br><input type="text" name="date"><br>
    Year : <br><input type="text" name="year"><br><br>
    <input type="submit" value="Submit">

</form>
```

### \$\_POST Example :

```
<?php

$match = "mayur";

if (isset($_POST['password'])) {
    $password = $_POST['password'];
    if (!empty($password)) {
```



```

        if ($password == $match) {
            echo "That is correct!";
        } else {
            echo "That is incorrect!";
        }
    } else {
        echo "Please fill the form!";
    }
}

?>

<form action="$_POST.php" method="POST">
    Password :<br>
    <input type="password" name="password"><br><br>
    <input type="submit" value="Submit">
</form>
?>

```

### Form Data Example :

See the difference between get and post in url.

```

<?php
?>

<form action="formdata.php" method="GET">

Day : <br><input type="text" name="day"><br>
Date : <br><input type="text" name="date"><br>
Year : <br><input type="text" name="year"><br><br>
<input type="submit" value="Submit">
</form>

```