

PHP : Exercise-1 with Solution

Write a PHP script to get the PHP version and configuration information.

Sample Data :

PHP Code:

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```
1. <?php
2. phpinfo();
3. ?>
```

PHP : Exercise-2 with Solution

Write a PHP script to display the following strings.

Sample Strings :

'Tomorrow I \'ll learn PHP global variables.'

'This is a bad command : del c:*.*'

Expected Output :

Tomorrow I 'll learn PHP global variables.

This is a bad command : del c:*.*

PHP Code:

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```
1. <?php
2. echo 'Tomorrow I \'ll learn PHP global variables.';
3. echo 'This is a bad command : del c:\\*.*';
4. ?>
```

PHP : Exercise-3 with Solution

\$var = 'PHP Tutorial'. Put this variable into the title section, h3 tag and as an anchor text within a HTML document.

Sample Output :

PHP Tutorial

PHP, an acronym for Hypertext Preprocessor, is a widely-used open source general-purpose scripting language. It is a cross-platform, HTML embedded server-side scripting language and is especially suited for web development.

PHP Code:

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```
1. <?php
2. $var = 'PHP Tutorial';
```

```

3. ?>
4. <!DOCTYPE html>
5. <html>
6. <head>
7.   <meta http-equiv="content-type" content="text/html; charset=utf-8">
8.   <title><?php echo $var; ?> - W3resource!</title>
9. </head>
10. <body>
11. <h3><?php echo $var; ?></h3>
12. <p>PHP, an acronym for Hypertext Preprocessor, is a widely-
    used open source general-purpose scripting language. It is a cross-
    platform, HTML embedded server-
    side scripting language and is especially suited for web development.</p>
13. <p><a href="http://www.w3resource.com/php/php-
    home.php">Go to the <?php echo $var; ?></a>.</p>
14.</body>
15.</html>

```

PHP : Exercise-4 with Solution

Create a simple HTML form and accept the user name and display the name through PHP echo statement.

Sample Output :

Please input your name:

Hello

PHP Code:

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```

1. <!DOCTYPE html>
2. <html>
3. <head>
4.   <title></title>
5.   <meta http-equiv="Content-Type" content="text/html; charset=UTF-8">
6. </head>
7. <body>
8.   <form method='POST'>
9.     <h2>Please input your name:</h2>
10.   <input type="text" name="name">
11.   <input type="submit" value="Submit Name">

```

```
12. </form>
13.<?php
14.//Retrieve name from query string and store to a local variable
15.$name = $_POST['name'];
16.echo "<h3> Hello $name </h3>";
17.?>
18.</body>
19.</html>
```

PHP : Exercise-5 with Solution

Write a PHP script to get the client IP address.

PHP Code:

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```
1. <?php
2. //whether ip is from share internet
3. if (!empty($_SERVER['HTTP_CLIENT_IP']))
4. {
5.     $ip_address = $_SERVER['HTTP_CLIENT_IP'];
6. }
7. //whether ip is from proxy
8. elseif (!empty($_SERVER['HTTP_X_FORWARDED_FOR']))
9. {
10.    $ip_address = $_SERVER['HTTP_X_FORWARDED_FOR'];
11. }
12.//whether ip is from remote address
13.else
14. {
15.    $ip_address = $_SERVER['REMOTE_ADDR'];
16. }
17.echo $ip_address;
18.?>
19.
```

PHP : Exercise-6 with Solution

Write a simple PHP browser detection script.

Sample Output : Your User Agent is :Mozilla/5.0 (Windows NT 6.1)

AppleWebKit/537.36 (KHTML, like Gecko) Chrome/35.0.1916.114 Safari/537.36

PHP Code:

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```
1. <?php
```

```
2. echo "Your User Agent is :" . $_SERVER ['HTTP_USER_AGENT'];  
3. ?>
```

PHP : Exercise-7 with Solution

Write a PHP script to get the current file name.

PHP Code:

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```
1. <?php  
2. $current_file_name = basename($_SERVER['PHP_SELF']);  
3. echo $current_file_name;  
4. ?>
```

PHP : Exercise-8 with Solution

Write a PHP script, which will return the following components of the url
'http://www.w3resource.com/php-exercises/php-basic-exercises.php'.

List of components : Scheme, Host, Path

Expected Output :

Scheme : http

Host : www.w3resource.com

Path : /php-exercises/php-basic-exercises.php

PHP Code:

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```
1. <?php  
2. $url = 'http://www.w3resource.com/php-exercises/php-basic-  
   exercises.php';  
3. $url=parse_url($url);  
4. echo 'Scheme : '.$url['scheme'].'<br />';  
5. echo 'Host : '.$url['host'].'<br />';  
6. echo 'Path : '.$url['path'].'<br />';  
7. ?>
```

PHP : Exercise-9 with Solution

Write a PHP script, which change the color of first character of a word.

Sample string : PHP Tutorial

Expected Output :

PHP Tutorial

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```
1. <?php
2. $text = 'PHP Tutorial';
3. $text = preg_replace('/(\b[a-
   z])/i', '<span style="color:red;">\1</span>', $text);
4. echo $text;
5. ?>
```

PHP : Exercise-10 with Solution

Write a PHP script, to check whether the page is called from 'https' or 'http'.

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```
1. <?php
2. if (!empty($_SERVER['HTTPS']))
3. {
4.     echo 'https is enabled';
5. }
6. else
7. {
8.     echo 'http is enabled';
9. }
10. ?>
```