Assignment - 10 (PHP Advance Programs)



Q.1] Write a php program to demonstrate cookies in php :

(i) **get** the cookie.

(ii) **set** the cookie.

Ans :

Retrieve\_Cookie.php

<?php

$Cookie\_Name = "Priyank\_Dhruv";

$Cookie\_Value = "Piyu";

setcookie($Cookie\_Name, $Cookie\_Value, time() + (86400 \* 30), "/"); // 86400 = 1 day

?>

<html>

<body>

<?php

if(!isset($\_COOKIE[$Cookie\_Name]))

{

echo "Cookie Name : " . $Cookie\_Name . " is not set!";

}

else

{

echo "Cookie Name : " . $Cookie\_Name . " is set!"."<br>";

echo "Cookie Value : " . $\_COOKIE[$Cookie\_Name];

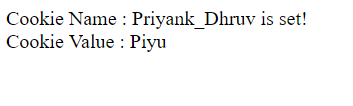
}

?>

</body>

</html>

Output :



Enable\_Cookie.php

<?php

setcookie("Test\_Cookie", "Enable", time() + 3600, '/');

?>

<html>

<body>

<?php

if(count($\_COOKIE) > 0)

{

echo "Cookies are enabled.";

}

else

{

echo "Cookies are disabled.";

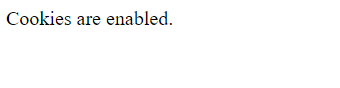
}

?>

</body>

</html>

Output :



Delete\_Cookie.php

<?php

setcookie("Priyank", "", time() - 3600); // set the expiration date to one hour ago

?>

<html>

<body>

<?php

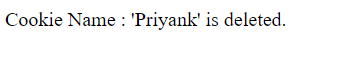
echo "Cookie Name : 'Priyank' is deleted.";

?>

</body>

</html>

Output :



Q.2] Write a program to parse XML file using php.

Ans :

Niti.xml

<?xml version="1.0" encoding="UTF-8"?>

<note>

<to>Niti</to><br/>

<from>Priyank</from><br/>

<heading>BirthDay\_Party</heading><br/>

<body>Don't forget to come at my birthday party..!!</body>

</note>

DOM\_Parser.php

<?php

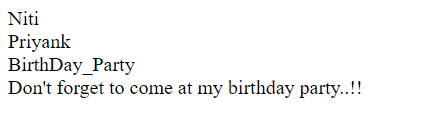
$Xml\_Docx = new DOMDocument();

$Xml\_Docx -> load("Niti.xml");

print $Xml\_Docx -> saveXML();

?>

Output :



Looping\_XmlDocx.php

<?php

$Xml\_Docx = new DOMDocument();

$Xml\_Docx -> load("Niti.xml");

$x = $Xml\_Docx -> documentElement;

foreach ($x -> childNodes AS $item)

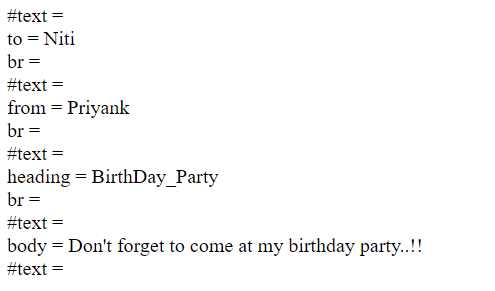
{

print $item -> nodeName . " = " . $item -> nodeValue . "<br>";

}

?>

Output :



Q.3] Write a php program to demonstrate use of session.

Ans :

Create\_Session.php

<?php

session\_start();

?>

<html>

<body>

<?php

$\_SESSION["Employee\_1"] = "Priyank Dhruv";

$\_SESSION["Employee\_2"] = "Parth Makadiya";

$\_SESSION["Employee\_3"] = "Shyam Virani";

$\_SESSION["Employee\_4"] = "Param Ardesna";

$\_SESSION["Employee\_5"] = "Hepi Chaniyara";

$\_SESSION["Employee\_6"] = "Pritesh Sengra";

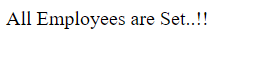
echo "All Employees are Set..!!";

?>

</body>

</html>

Output :



Access\_Session.php

<?php

session\_start();

?>

<html>

<body>

<?php

echo "<table border = '1'>";

echo "<tr>";

echo "<td><b>Emp\_id</b></td>";

echo "<td><b>Emp\_Name</b></td>";

echo "</tr>";

echo "<tr>";

echo "<td><center>1</center></td>";

echo "<td>".$\_SESSION["Employee\_1"]."</td>";

echo "</tr>";

echo "<tr>";

echo "<td><center>2</center></td>";

echo "<td>".$\_SESSION["Employee\_2"]."</td>";

echo "</tr>";

echo "<tr>";

echo "<td><center>3</center></td>";

echo "<td>".$\_SESSION["Employee\_3"]."</td>";

echo "</tr>";

echo "<tr>";

echo "<td><center>4</center></td>";

echo "<td>".$\_SESSION["Employee\_4"]."</td>";

echo "</tr>";

echo "<tr>";

echo "<td><center>5</center></td>";

echo "<td>".$\_SESSION["Employee\_5"]."</td>";

echo "</tr>";

echo "<tr>";

echo "<td><center>6</center></td>";

echo "<td>".$\_SESSION["Employee\_6"]."</td>";

echo "</tr>";

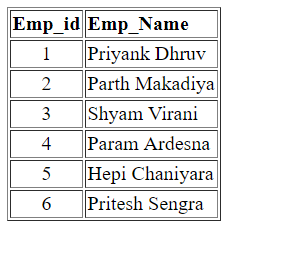
echo "</table>";

?>

</body>

</html>

Output :



Destroy\_Session.php

<?php

session\_start();

?>

<html>

<body>

<?php

session\_unset();

session\_destroy();

echo "All Employees went for a Holiday."."<br/>";

echo "<br/>";

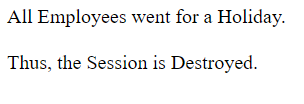
echo "Thus, the Session is Destroyed."

?>

</body>

</html>

Output :



Q.4] Write a php program to detect Browser.

Ans :

<?php

echo $\_SERVER['HTTP\_USER\_AGENT'];

?>

Output :



Q.5] Write a php program to demonstrate use of Inheritance &

Constructors.

Ans :

Demonstrate\_Inheritance.php

<?php

class Tony

{

PUBLIC function MyStmt($String)

{

echo "Tony : ".$String.PHP\_EOL;

}

PUBLIC function printStmt()

{

echo "I am Ironman..!!"."<br/>"."<br/>".PHP\_EOL;

}

}

class Ironman extends Tony

{

PUBLIC function MyStmt($String)

{

echo "Ironman : ".$String.PHP\_EOL;

}

}

$Tony = new Tony();

$Ironman = new Ironman();

$Tony -> MyStmt("The truth is.."."<br/>"."<br/>");

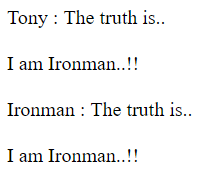
$Tony -> printStmt();

$Ironman -> MyStmt("The truth is.."."<br/>"."<br/>");

$Ironman -> printStmt();

?>

Output :



Demonstrate\_Constructor.php

<?php

class Avengers

{

function \_\_construct()

{

print "But, One thing we can't Change that we are Avengers."."<br/>"."<br/>";

}

}

class Age\_Of\_Ultron extends Avengers

{

function \_\_construct()

{

print "Ultron's Revenge againts Avengers."."<br/>";

parent::\_\_construct();

}

}

class Infinity\_War extends Avengers

{

function \_\_construct()

{

print "Thanos' Conquering of different Miles-Stones."."<br/>";

parent::\_\_construct();

}

}

class Endgame extends Avengers

{

function \_\_construct()

{

print "Avengers' Revenge of fallen against Thanos."."<br/>";

parent::\_\_construct();

}

}

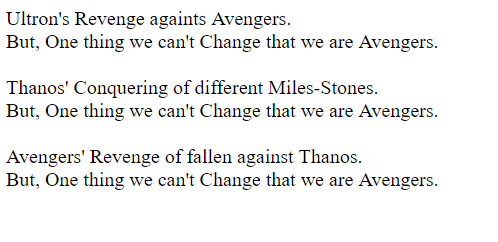
$obj = new Age\_Of\_Ultron();

$obj = new Infinity\_War();

$obj = new Endgame();

?>

Output :



Demonstrate\_Destructor.php

<?php

class Vision

{

function \_\_construct()

{

print "Avengers &nbsp;: United we Stand."."<br/>"."<br/>";

}

function \_\_destruct()

{

print "Civil-War : Divided we Fall.";

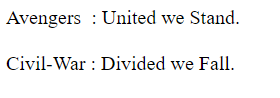
}

}

$Obj = new Vision();

?>

Output :



Q.6] Write a php program to display below pattern :

1

1. 1
2. 0 1

0 1 0 1

1 0 1 0 1

Ans :

Display\_Pattern(1\_01\_101\_0101\_10101).php

<?php

$count = 1;

$k = 5;

for($i = 1; $i <= 5; $i++)

{

for($j = 1; $j <= $i; $j++)

{

echo $count % 2;

$count = $count + 1;

}

if ($i % 2 == 0)

{

$count = 1;

} else {

$count = 0;

}

echo "<br/>";

}

?>

Q.7] Write a php program to display below pattern :

1

a b

2 3 4

c d e f

5 6 7 8 9

Ans :

<?php

$x = 1;

$ascii = 97;

for($i = 1; $i <= 5; $i++)

{

for($j = 1; $j <= $i; $j++)

{

if($i % 2 == 1)

{

echo $x;

$x++;

} else {

echo chr($ascii);

$ascii++;

}

}

echo "<br/>";

}

?>

Q.8] Write a php program to validate email address using following

method : **preg\_match**(**<regular-expression>**, **string**)

Ans :

Email\_Validator.php

<?php

function valid\_email($str)

{

Return (!preg\_match("/^([a-z0-9\+\_\-]+)(\.[a-z0-9\+\_\-]+)[\*@([a-z0-9\-]+\.)+[a-z]{2,6}$/ix](mailto:*@([a-z0-9\-%5d+\.)+%5ba-z%5d%7b2,6%7d$/ix)",

$str)) ? FALSE : TRUE;

}

if(!valid\_email("priyank25dhruv@gmail.com"))

{

echo "Invalid Email Address.";

} else {

echo "Valid Email Address.";

}

?>

Output :



Q.9] Write a php program to Upload Image file with size less than 2MB.

Ans :

Image\_Uploader.php

<html>

<head>

<title>Image\_Uploader</title>

</head>

<body>

<form method = "post" enctype = "multipart/form-data">

<input type = "file" name = "file"/>

<br/>

<br/>

Note : Only .png, .jpg, .jpeg, .gif file Supported.

<br/>

<br/>

<input type = "submit" name = "submit" value = "submit"/>

</form>

</body>

</html>

<?php

$target\_dir = "Uploads/";

$target\_file = $target\_dir . basename($\_FILES["file"]["name"]);

$uploadOk = 1;

$imageFileType = pathinfo($target\_file, PATHINFO\_EXTENSION);

// Check if file already exists

if (file\_exists($target\_file))

{

echo "Sorry, file already exists.";

$uploadOk = 0;

}

// Check file size

if ($\_FILES["file"]["size"] > 2000000)

{

echo "Sorry, your file is too large.";

$uploadOk = 0;

}

// Allow certain file formats

if($imageFileType != "jpg" && $imageFileType != "png" && $imageFileType != "jpeg" && $imageFileType != "gif")

{

echo "Sorry, only JPG, JPEG, PNG & GIF files are allowed.";

$uploadOk = 0;

}

// Check if $uploadOk is set to 0 by an error

if ($uploadOk == 0)

{

echo "Sorry, your file was not uploaded.";

// if everything is ok, try to upload file

}

else

{

if (move\_uploaded\_file($\_FILES["file"]["tmp\_name"], $target\_file))

{

echo "The file ". basename( $\_FILES["file"]["name"]). " has been uploaded.";

}

else

{

echo "Sorry, there was an error uploading your file.";

}

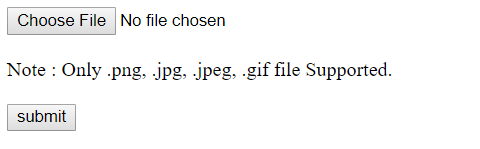
}

?>

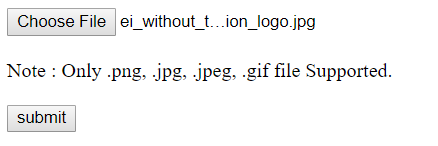
Output :

**Case-1 : file size less than or equal to 2MB.**

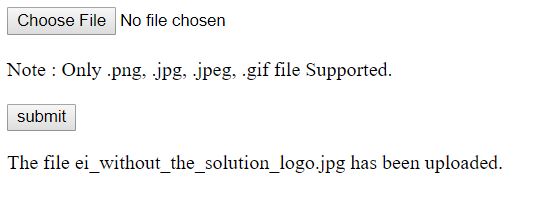
1. Open Image\_Uploader.php file using XAMPP Server.



1. Choose any Image file.

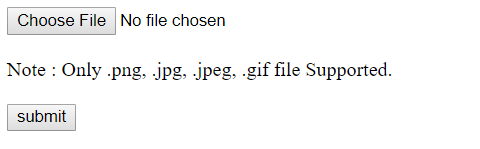


1. File Uploaded to “Uploads” directory Successfully.

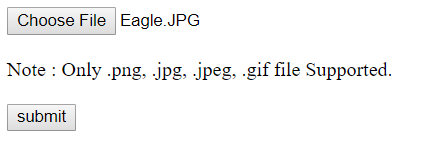


**Case-2 : file size more than 2MB.**

1. Open Image\_Uploader.php file using XAMPP Server.



1. Choose any Image file.



1. Error occurred while submitting Image file.

Reason : file size is more than 2MB.

