Slip 5

1. Write PHP script to create a Class shape and its subclass triangle, square and circle and display area of the selected shape. (use the concept of Inheritance) Display menu (use radio button

<html>

<head>

<title>s13</title>

<head>

<body bgcolor="sky blue">

<form method="GET" action="s13a.php">

<center>

<h3>Select any of the following shape to get area of that shape</h3><br><br>

Enter base for triangle<input type="text" name="b" ><br><br>

Enter height for triangle<input type="text" name="h" ><br><br>

Enter side for square<input type="text" name="s" ><br><br>

Triangle:<input type="radio" name="r" value="1"><br><br>

Square:<input type="radio" name="r" value="2"><br><br>

<button value="submit">AREA</button><br>

</center>

</form>

</body>

</html>

///php

<?php

abstract class shape

{

abstract function area();

}

class triangle extends shape

{

private $b,$h;

function \_\_construct($b,$h)

{

$this->b=$b;

$this->h=$h;

}

function area()

{

return (0.5)\*$this->b\*$this->h;

}

}

class square extends shape

{

private $s;

function \_\_construct($s)

{

$this->s=$s;

}

function area()

{

return $this->s\*$this->s;

}

}

$b=$\_GET['b'];

$h=$\_GET['h'];

$s=$\_GET['s'];

$r=$\_GET['r'];

switch($r)

{

case 1:$t=new triangle($b,$h);

$x=$t->area();

echo "area of triangle is=".$x;

break;

case 2:$sq=new square($s);

$y=$sq->area();

echo "area of Square is=".$y;

break;

}

?>

1. Write HTML and CSS code to design a web page. Divide the browser screen into two frames. The first frame will display the heading. The second frame contains a menu consisting of hyperlinks. Clicking on any one of these hyperlinks will display related information in a new page as shown below. Use internal style sheet with appropriate attributes to display information of each frame. [30M]

<html>

<head>

<title>s183</title>

</head>

<frameset rows="30%,70%">

<frame src="header.html">

<frame src="second.html">

</frameser>

</html>

//header file

<html>

<head>

<title>header</title>

<style>

h2{

color:red;

text-align:center;

font-size:400%;

font-family:Arial;

}

</style>

</head>

<body>

<h2>WELCOME</h2>

</body>

</html>

//second file

<html>

<head>

<title>pp</title>

<style>

h1{

color:blue;

text-align:center;

font-size:200%;

font-family:verdana;

}

ul li{

list-style-type: square;

text-align:center;

margin:15px;

color:red;

}

</style>

</head>

<body>

<h1>Information of programming languages</h1>

<ul>

<li><a href="a1.html" target="1">c</li>

<li><a href="a2.html" target="1">c++</li>

<li><a href="a3.html" target="1">php</li>

</body>

</html>

//a1

<html>

<head>

<title>a1</title>

<body>

<h1>C programming Language</h1>

<p>simple language</p>

<p>#include<stdio.h> must include this library file</p>

<p>save as .c</p>

</body>

</html>

//a2

<html>

<head>

<title>a2</title>

<body>

<h1>C++ programming Language</h1>

<p>Extention of c language</p>

<p>#include<iostream>using namespace std; must include this library file</p>

<p>save as .cpp</p>

</body>

</html>

//a3

<html>

<head>

<title>a3</title>

<body>

<h1>php programming Language</h1>

<p>simple language</p>

<p>used with html</p>

<p>save as .php</p>

</body>

</html>

1. Viva [10M]