# XML

1. Create CD Catalogue Table in XML and display it using XSL Style Sheet.

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

<catalog>

<cd>

<title>Album 1</title>

<artist>Artist 1</artist>

<country>Country 1</country>

<price>10.99</price>

</cd>

<cd>

<title>Album 2</title>

<artist>Artist 2</artist>

<country>Country 2</country>

<price>12.99</price>

</cd>

<cd>

<title>Album 3</title>

<artist>Artist 3</artist>

<country>Country 3</country>

<price>9.99</price>

</cd>

</catalog>

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

<xsl:stylesheet version="1.0" xmlns:x[sl="h](http://www.w3.org/1999/XSL/Transform)ttp:[//www.w3.org/1999/XSL/Transform](http://www.w3.org/1999/XSL/Transform)">

<xsl:template match="/">

<html>

<body>

<h2>CD Catalogue</h2>

<table border="1">

<tr bgcolor="#9acd32">

<th>Title</th>

<th>Artist</th>

<th>Country</th>

<th>Price</th>

</tr>

<xsl:for-each select="catalog/cd">

<tr>

<td><xsl:value-of select="title" /></td>

<td><xsl:value-of select="artist" /></td>

<td><xsl:value-of select="country" /></td>

<td><xsl:value-of select="price" /></td>

</tr>

</xsl:for-each>

</table>

</body>

</html>

</xsl:template>

</xsl:stylesheet>

<!DOCTYPE html>

<html>

<head>

<title>CD Catalogue</title>

<script>

function loadXMLDoc(filename) { if (window.ActiveXObject) {

xhttp = new ActiveXObject("Msxml2.XMLHTTP");

} else {

xhttp = new XMLHttpRequest();

}

xhttp.open("GET", filename, false); try {

xhttp.responseType = "msxml-document";

} catch (err) {}

xhttp.send("");

return xhttp.responseXML;

}

function displayResult() {

xml = loadXMLDoc("cd\_catalogue.xml"); xsl = loadXMLDoc("cd\_catalogue.xsl");

if (window.ActiveXObject || xhttp.responseType == "msxml-document")

{

ex = xml.transformNode(xsl);

document.getElementById("cdCatalogue").innerHTML = ex;

} else if (

document.implementation &&

document.implementation.createDocument

) {

xsltProcessor = new XSLTProcessor(); xsltProcessor.importStylesheet(xsl);

resultDocument = xsltProcessor.transformToFragment(xml, document);

document.getElementById("cdCatalogue").appendChild(resultDocument);

}

}

</script>

</head>

# PHP

1. Write a PHP script for Looping Structures CODE.

<!DOCTYPE html>

<html>

<body>

<?php

$x = 1;

while($x <= 5)

{

echo "The number is: $x <br>";

$x++;

}

?>

</body>

</html>

1. Write a PHP script for Switch Case statements.

<!DOCTYPE html>

<html>

<body>

<?php

$favcolor = "red"; switch ($favcolor)

{

case "red":

echo "Your favorite color is red!"; break;

case "blue":

echo "Your favorite color is blue!"; break;

case "green":

echo "Your favorite color is green!"; break;

default:

echo "Your favorite color is neither red, blue, nor green!";}

?>

</body>

</html>

1. Write a PHP script for Class , objects and inheritance.

<!DOCTYPE html>

<html>

<body>

<?php

class Fruit

{

public $name; public $color;

public function construct($name, $color)

{

$this->name = $name;

$this->color = $color;

}

public function intro()

{

echo "The fruit is {$this->name} and the color is {$this->color}.";

}

}

class Strawberry extends Fruit

{

public function message()

{

echo "Am I a fruit or a berry? ";

}

}

$strawberry = new Strawberry("Strawberry", "red");

$strawberry->message();

$strawberry->intro();

?>

</body>

</html>

1. Write a PHP script for Constructor and Destructor.

<!DOCTYPE html>

<html>

<body>

<?php

class Fruit

{

public $name; public $color;

function construct($name)

{

$this->name = $name;

}

function get\_name()

{

return $this->name;

}

}

$apple = new Fruit("Apple"); echo $apple->get\_name();

?>

</body>

</html>