XML

18) 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>
```

```
<!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>

    //script>
```

19) 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>
```

20) 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>
```

21) 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>
```

22) 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>
```