ADVANCE PHP

ASSIGNMENT 3

STUDENT NAME: TELORE GANESH BHASKAR
ROLL NO: 225270
GUIDE: PROF. LANDE R.D
ASSIGNMENT BASED ON: XML

Q.1 Write a PHP script to create XML file named "Course.xml

....

Store the details of 5 students who are in SYBBACA.

Ans :

XML File:
```
 <?xml version='1.0' encoding='UTF-8' ?>
<Course>
<SYBBACA>
<Studentname>Priya Aher</Studentname>
<Classname>SYBBACA</Classname>
<percentage>92.10%</percentage>
</SYBBACA>
<SYBBACA>
<Studentname>Ganesh Telore</Studentname>
<Classname>SYBBACA</Classname>
<percentage>95.10%</percentage>
</SYBBACA>
<SYBBACA>
<Studentname>Prashant Telore</Studentname>
<Classname>SYBBACA</Classname>
<percentage>90.10%</percentage>
</SYBBACA>
<SYBBACA>
<Studentname>Salunke Sarthak</Studentname>
<Classname>SYBBACA</Classname>
<percentage>88.10%</percentage>
</SYBBACA>
<SYBBACA>
<Studentname>Tanpure Saiprasad</Studentname>
<Classname>SYBBACA</Classname>
<percentage>92.10%</percentage>
</SYBBACA>
</Course>
```

PHP File:
```php
<?php
$xml=simplexml_load_file('Course.xml');
$row=$xml->SYBBACA;
echo'<h2>Student Details :</h2>';
echo'<hr>';
for($i=0;$i<count($row);$i++){
echo'<br>';
echo'Student Name :'.$row[$i]->Studentname.'<br>';
echo'Student Class :'.$row[$i]->Classname.'<br>';
echo'Student Percentage :'.$row[$i]->percentage.'<br>';
}
?>
```

Output :

OUTPUT 1

```xml
<Course>
  <SYBBACA>
    <Studentname>Priya Aher</Studentname>
    <Classname>SYBBACA</Classname>
    <percentage>92.10%</percentage>
  </SYBBACA>
  <SYBBACA>
    <Studentname>Ganesh Telore</Studentname>
    <Classname>SYBBACA</Classname>
    <percentage>95.10%</percentage>
  </SYBBACA>
  <SYBBACA>
    <Studentname>Prashant Telore</Studentname>
    <Classname>SYBBACA</Classname>
    <percentage>90.10%</percentage>
  </SYBBACA>
  <SYBBACA>
    <Studentname>Salunke Sarthak</Studentname>
    <Classname>SYBBACA</Classname>
    <percentage>88.10%</percentage>
  </SYBBACA>
  <SYBBACA>
    <Studentname>Tanpure Saiprasad</Studentname>
    <Classname>SYBBACA</Classname>
    <percentage>92.10%</percentage>
  </SYBBACA>
</Course>
```

OUTPUT 2

Student Details :

Student Name :Priya Aher
Student Class :SYBBACA
Student Percentage :92.10%

Student Name :Ganesh Telore
Student Class :SYBBACA
Student Percentage :95.10%

Student Name :Prashant Telore
Student Class :SYBBACA
Student Percentage :90.10%

Student Name :Salunke Sarthak
Student Class :SYBBACA
Student Percentage :88.10%

Student Name :Tanpure Saiprasad
Student Class :SYBBACA
Student Percentage :92.10%

ASSIGNMENT 3
SET-A

Q.2 Write PHP script to generate an XML code in the following format .... Save the file with name "CD.xml".

Ans :

XML File:
```
<?xml version='1.0' encoding='ISO-8859-1' ?>
<!-- UTF-8 is used for characters and numbers -->
<CATALOG>
<CD>
<TITLE>Empire Burlesque</TITLE>
<ARTIST>Bob Dylan</ARTIST>
<COMPANY>USA</COMPANY>
<PRICE>10.90</PRICE>
<YEAR>1985</YEAR>
</CD>
</CATALOG>
```
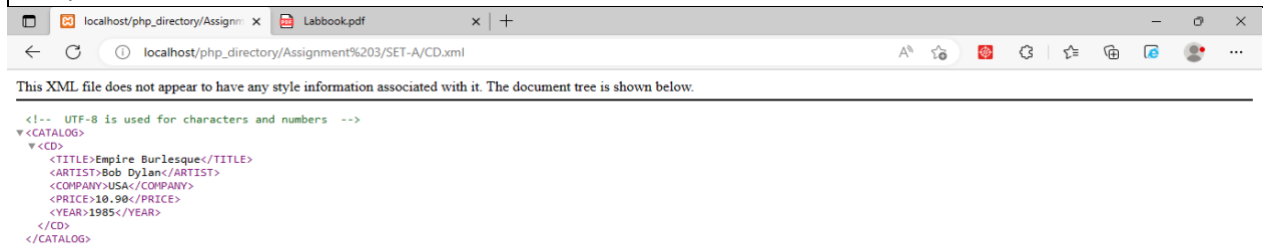
PHP File:
```php
<?php
$xml=simplexml_load_file('CD.xml');
$row=$xml->CD;
echo'<h2>Details :</h2>';
echo'<hr>';
echo"Title :".$row->TITLE.'<BR>';
echo"Artist :".$row->ARTIST.'<BR>';
echo"Country :".$row->COUNTRY.'<BR>';
echo"Company :".$row->COMPANY.'<BR>';
echo"Price :".$row->PRICE.'<BR>';
echo"Year :".$row->YEAR.'<BR>';
?>
```

Output :

ASSIGNMENT 3
SET-A

Q.3 Write PHP script to generate an XML code in the following format

....

 Save the file with name "plant.xml".

Ans:

XML File:
```
<?xml version='1.0' encoding='ISO-8859-1'?>
<CATALOG>
<PLANT>
<BOTANICAL>Sangiunaria canadenis</BOTANICAL>
<ZONE>4</ZONE>
<LIGHT>Mostly Shady</LIGHT>
<PRICE>$2.44</PRICE>
<AVAILABILITY>031599</AVAILABILITY>
</PLANT>
</CATALOG>
```
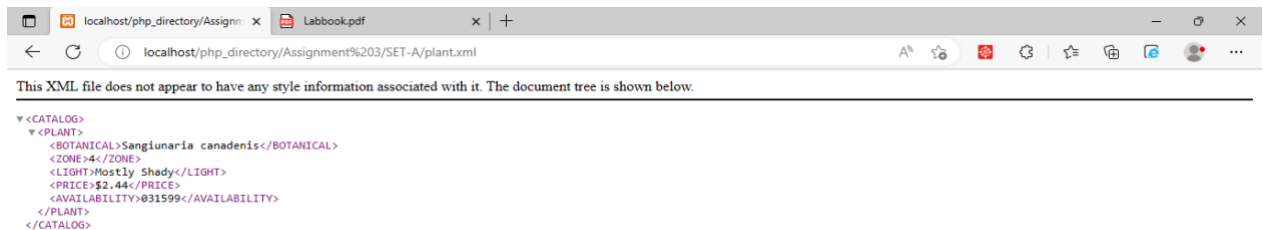
PHP File:
```php
<?php
$xml=simplexml_load_file('CD.xml');
$row=$xml->CD;
echo'<h2>Details :</h2>';
echo'<hr>';
echo"Title :".$row->TITLE.'<BR>';
echo"Artist :".$row->ARTIST.'<BR>';
echo"Country :".$row->COUNTRY.'<BR>';
echo"Company :".$row->COMPANY.'<BR>';
echo"Price :".$row->PRICE.'<BR>';
echo"Year :".$row->YEAR.'<BR>';
?>
```

Output :

ASSIGNMENT 3
SET-B

Q.1 Write a script to create "cricket.xml" file with multiple elements as shown below:

....

Write a script to add multiple elements in "cricket.xml" file of category, country="Australia".
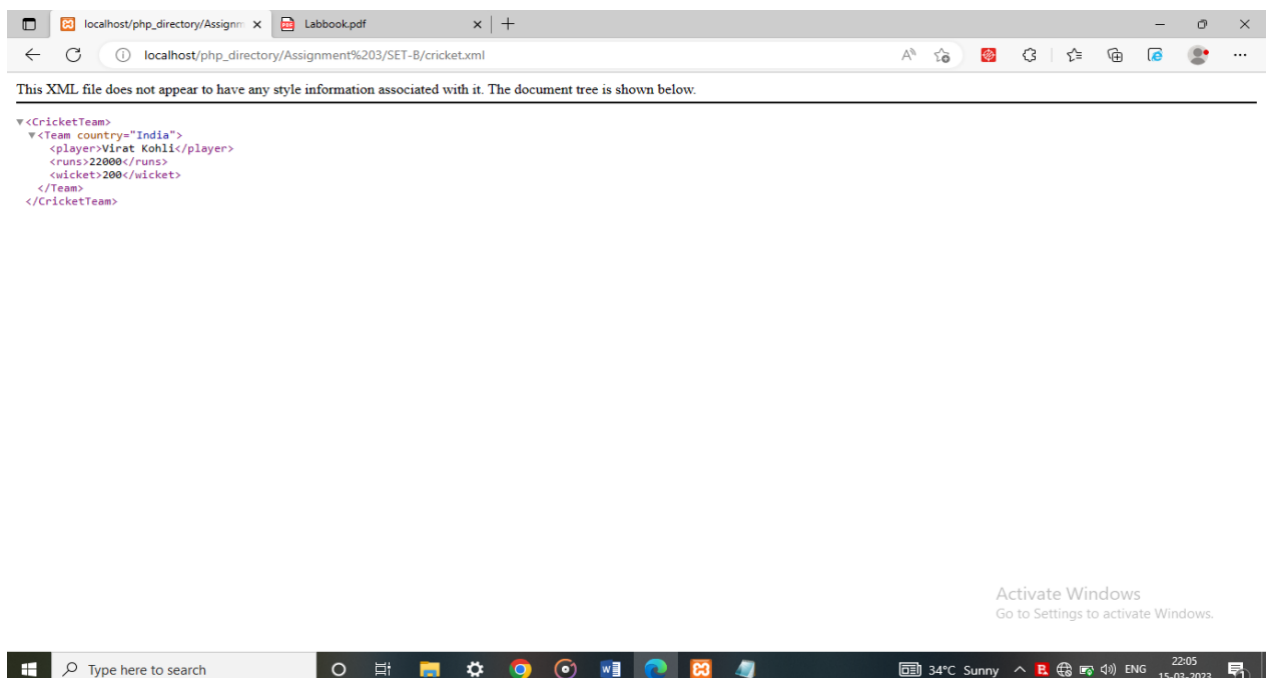
Ans :

XML File:
```
<?xml version='1.0' encoding='UTF-8'?>
<CricketTeam>
<Team country="India">
<player>Virat Kohli</player>
<runs>22000</runs>
<wicket>200</wicket>
</Team>
</CricketTeam>
```

PHP file:
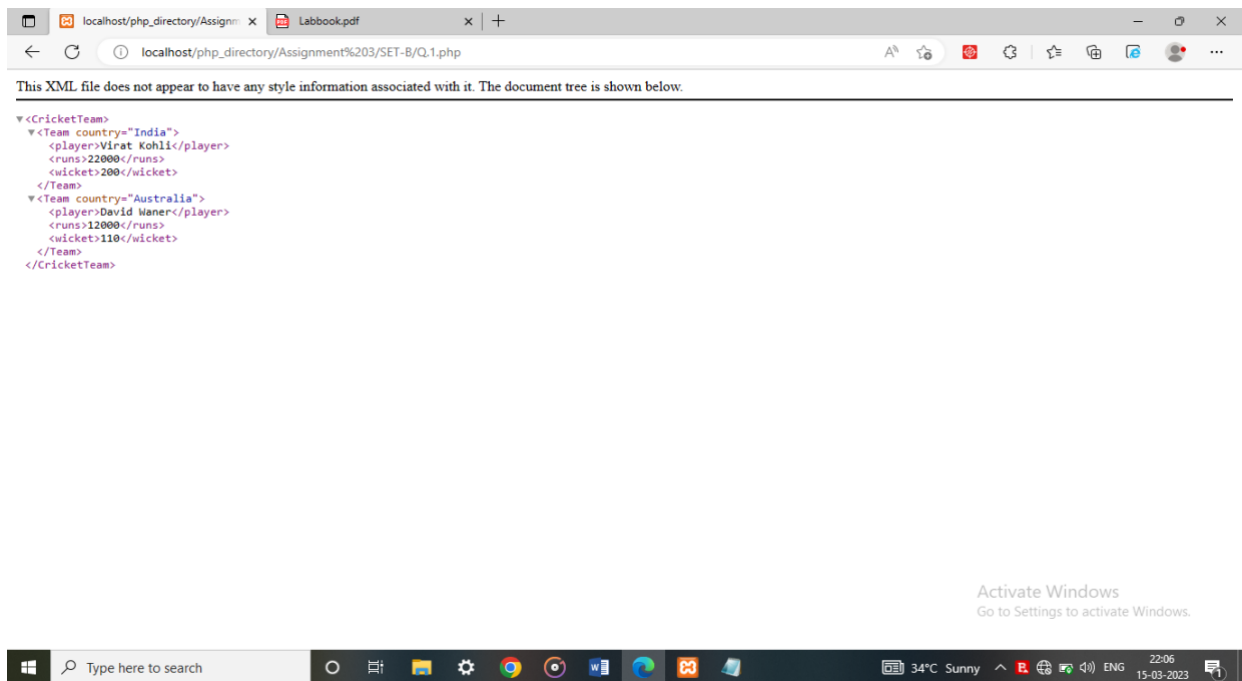```php
<?php
$xml=simplexml_load_file('cricket.xml');
$team=$xml->addchild('Team');
$team->addAttribute('country','Australia');
$player=$team->addchild('player','David Waner');
$player=$team->addchild('runs','12000');
$player=$team->addchild('wicket','110');
header('Content-Type: text/xml');
echo $xml->asXML();
?>
```

Output :

## OUTPUT 1

**OUTPUT 2**

This XML file does not appear to have any style information associated with it. The document tree is shown below.

```xml
<CricketTeam>
  <Team country="India">
    <player>Virat Kohli</player>
    <runs>22000</runs>
    <wicket>200</wicket>
  </Team>
  <Team country="Australia">
    <player>David Waner</player>
    <runs>12000</runs>
    <wicket>110</wicket>
  </Team>
</CricketTeam>
```

ASSIGNMENT 3
SET-B

Q.2 Write a script to create "breakfast.xml" file with multiple elements as shown below:

....

Write a script to add multiple elements in "breakfast.xml" file of category, Juice
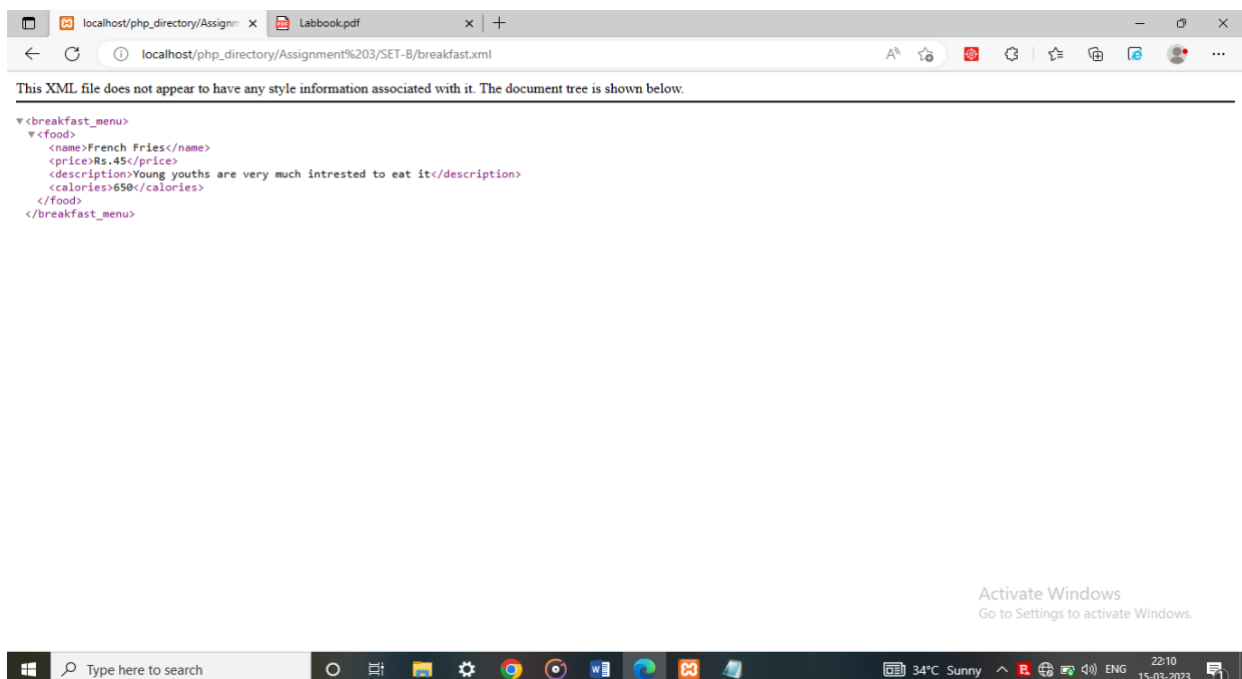
Ans :

XML File:

```
<?xml version='1.0' encoding='UTF-8'?>
<breakfast_menu>
<food>
<name>French Fries</name>
<price>Rs.45</price>
<description>Young youths are very much intrested to eat it</description>
<calories>650</calories>
</food>
</breakfast_menu>
```

PHP File:

```php
<?php
$xml=simplexml_load_file('breakfast.xml');
$juice=$xml->addchild('juice');
$name=$juice->addchild('name','Mango');
$name=$juice->addchild('price','Rs.25');
$name=$juice->addchild('description','Refreshes your mood and give your energy.');
$name=$juice->addchild('calories','60 cal per 100gm');
header('Content-Type: text/xml');
echo $xml->asXML();
?>
```

Output :

OUTPUT 1

OUTPUT 2

localhost/php_directory/Assignm ×   Labbook.pdf   × | +

← C   ⓘ   localhost/php_directory/Assignment%203/SET-B/Q.2.php

This XML file does not appear to have any style information associated with it. The document tree is shown below.

```xml
<breakfast_menu>
  <food>
    <name>French Fries</name>
    <price>Rs.45</price>
    <description>Young youths are very much intrested to eat it</description>
    <calories>650</calories>
  </food>
  <juice>
    <name>Mango</name>
    <price>Rs.25</price>
    <description>Refreshes your mood and give your energy.</description>
    <calories>60 cal per 100gm</calories>
  </juice>
</breakfast_menu>
```
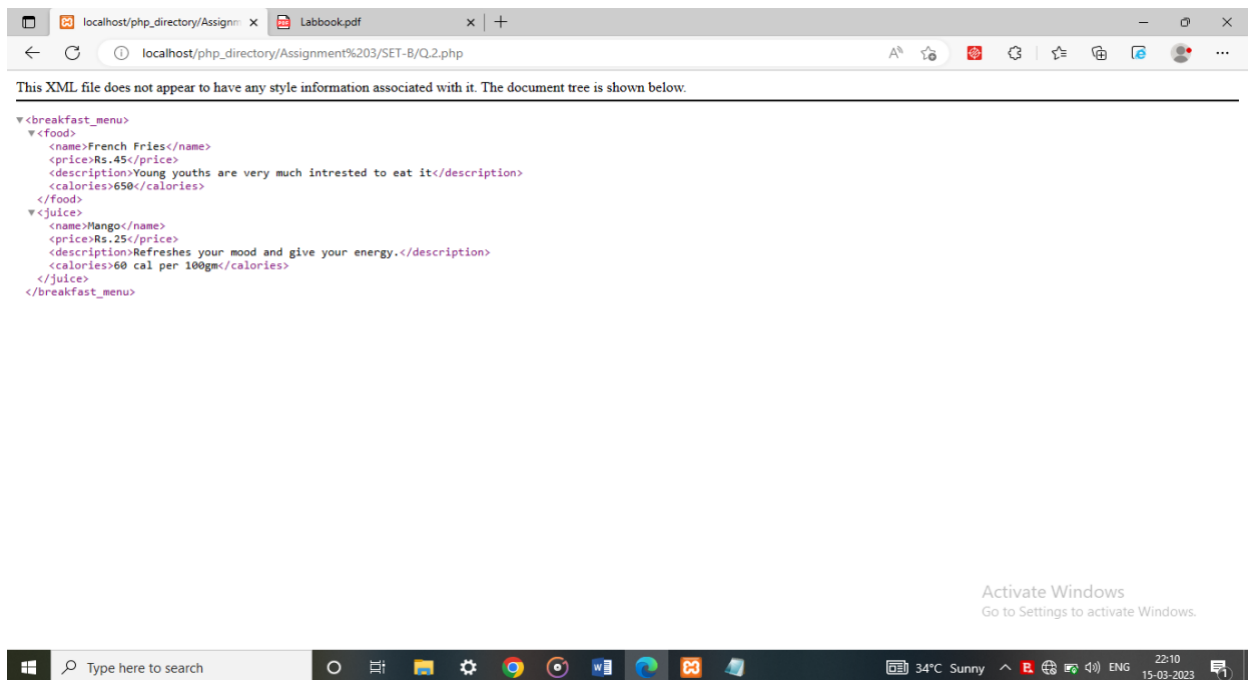
Type here to search   34°C Sunny   ENG   22:10 15-03-2023

ASSIGNMENT 3
SET-B

Q.3 Create a XML file which gives details of movies available in "Mayanagari CD Store" from following categories a) Classical b) Action c) Horror Elements in each category are in the following format

---- ----

Save the file with name "movies.xml".

Ans:

XML File:
```xml
<?xml version='1.0' encoding='UTF-8'?>
<Mayanagari_CD_Store>
<Movie categeory="Classical">
<MovieName>Machine</MovieName>
<ReleaseYear>2019</ReleaseYear>
</Movie>
<Movie categeory="Action">
<MovieName>Avengers Endgame</MovieName>
<ReleaseYear>2021</ReleaseYear>
</Movie>
<Movie categeory="Horror">
<MovieName>1921</MovieName>
<ReleaseYear>2020</ReleaseYear>
</Movie>
</Mayanagari_CD_Store>
```

Output :

ASSIGNMENT 2
SET-C

Q.1 Create an application that reads "book.xml" file into simple XML object. Display attributes and elements (Hint:simple_xml_load_file() function) .

Ans :

XML File:

```
<?xml version='1.0' encoding='UTF-8'?>
<books>
<book categeory="Suspense">
<name>A Simple Favor</name>
<author>Mrs.Darcy Bell</author>
</book>
<book categeory="Thriller">
<name>The Island</name>
<author>Mr.Adrian McKinty</author>
</book>
<book categeory="Comedy">
<name>Slouchers:The Novelization</name>
<author>Mr.Mike Sacks</author>
</book>
</books>
```
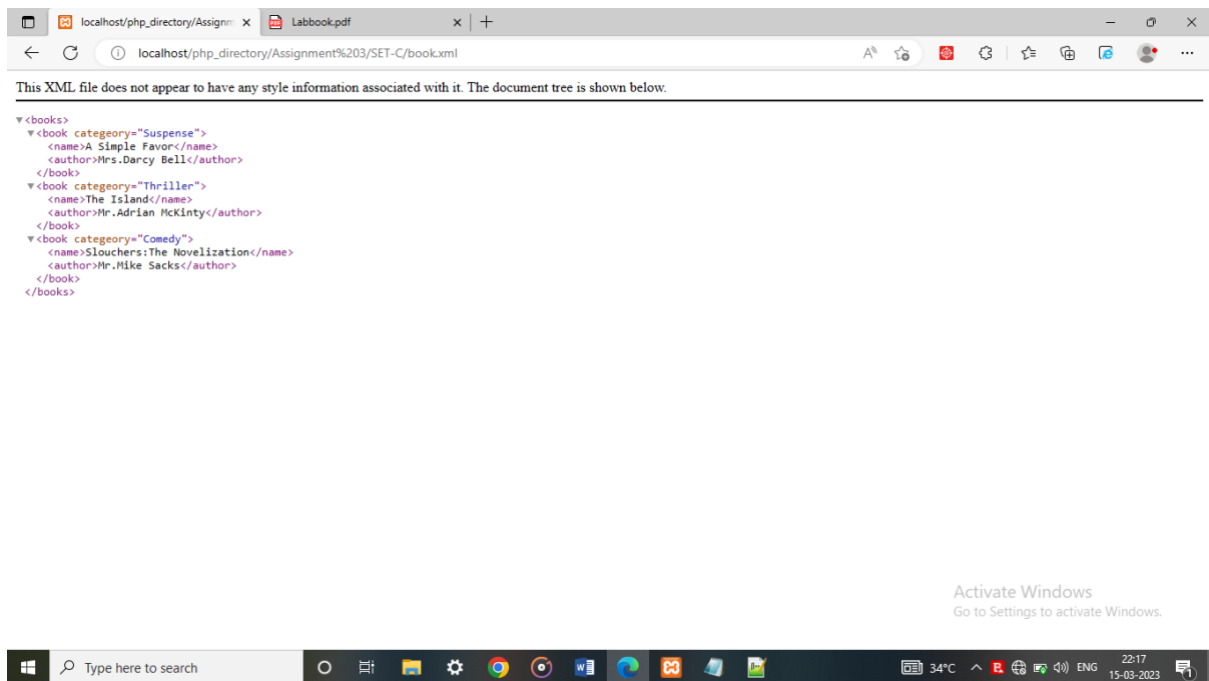
PHP File:

```
<html>
<head>
<link rel="stylesheet" href="style.css"/>
<head>
<body>
<div class="borderBox">
<h2>Result</h2>
<?php
echo'<div class="border-box">';
$xml=simplexml_load_file('book.xml');
$row=$xml->book;
for($i=0;$i<count($row);$i++){
echo'<br>';
echo'<b>Book Name :</b>'.$row[$i]->name.'<br>';
echo'<b>Book Author :</b>'.$row[$i]->author.'<br>';
}
echo'<br>';
?>
</div>
</body>
</html>
```
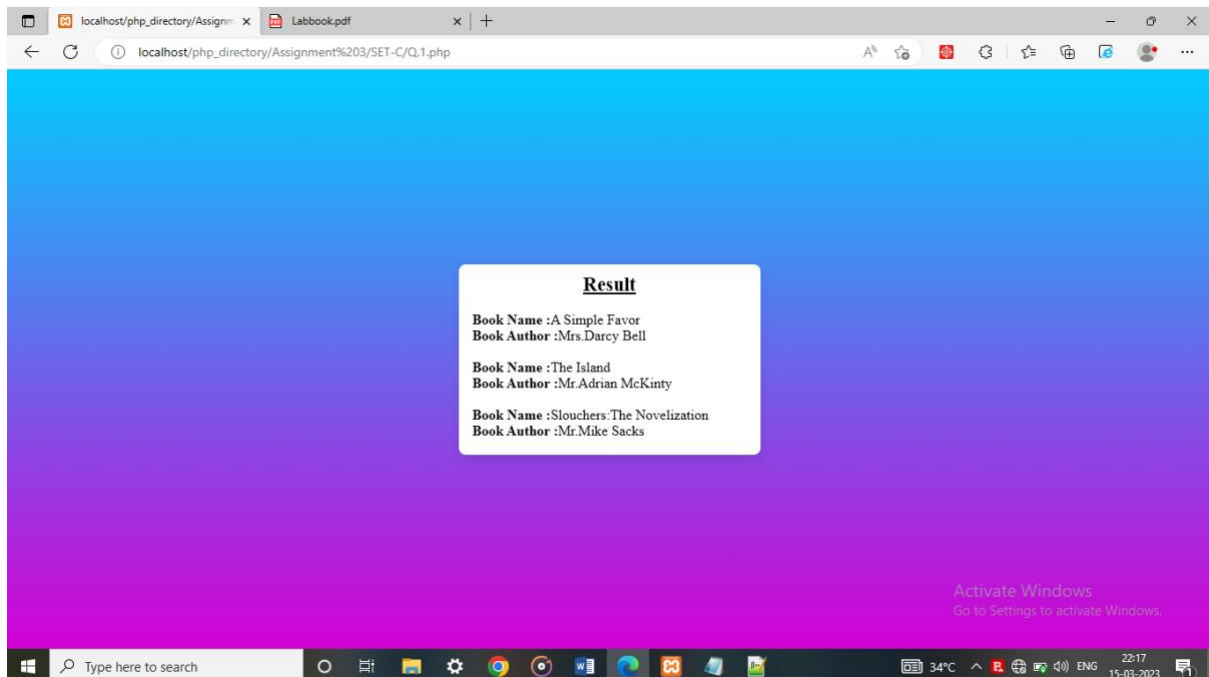
Output :

OUTPUT 1

This XML file does not appear to have any style information associated with it. The document tree is shown below.

```
▼<books>
  ▼<book category="Suspense">
      <name>A Simple Favor</name>
      <author>Mrs.Darcy Bell</author>
    </book>
  ▼<book category="Thriller">
      <name>The Island</name>
      <author>Mr.Adrian McKinty</author>
    </book>
  ▼<book category="Comedy">
      <name>Slouchers:The Novelization</name>
      <author>Mr.Mike Sacks</author>
    </book>
</books>
```

OUTPUT 2

Result

Book Name :A Simple Favor
Book Author : Mrs.Darcy Bell

Book Name : The Island
Book Author : Mr.Adrian McKinty

Book Name : Slouchers:The Novelization
Book Author : Mr.Mike Sacks

GT