

# Advance PHP

---

## ASSIGNMENT 4

### PHP with Ajax

STUDENT NAME: TELORE GANESH BHASKAR | GT

ROLL NO: 225270

CLASS: SYBBACA

GUIDE: PROF.LANDE R.D

## ASSIGNMENT 4

### SET-A

Q.1 Write a PHP script using AJAX concept, to check user name and password are valid or Invalid (use database to store user name and password).

#### Q.1.html:

```
<html>
<head>
<script type="text/javascript">
function validate()
{
ob=new XMLHttpRequest();
var d1=document.getElementById('tb1').value;
var d2=document.getElementById('tb2').value;
ob.open("GET","target.php?tb1="+d1+"&tb2="+d2,true);
ob.send();
ob.onreadystatechange=function()
{
if(ob.readyState==4 && ob.status==200)
document.getElementById("result").innerHTML=ob.responseText;
}
}
</script>
</head>
<body>
    <form name="frm">
        <fieldset>
Enter User Name :<input type="text" id="tb1"><br><br>
Enter Password :<input type="text" id="tb2"><br><br>
<input type="button" value="validate" onclick="validate()"><br><br>
<span id="result"></span>
        </fieldset>
    </form>
</body>
</html>
```

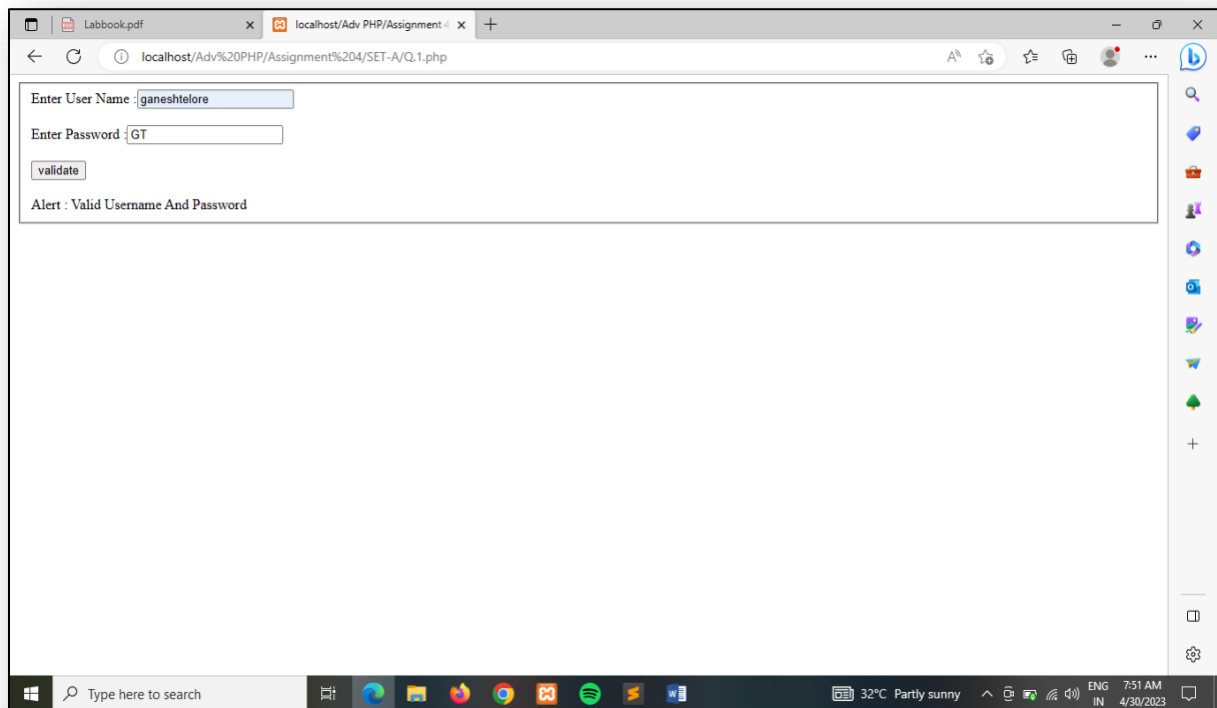
#### target.php:

```
<?php

$username=$_GET['tb1'];
$password=$_GET['tb2'];
$conn=mysqli_connect('localhost','root','','adv_php');
$query=mysqli_query($conn,"select username,password from validation where username='$username'
and password='$password'");
```

```
if($op){  
$r=mysqli_fetch_array($op);  
if($username==$r['username'] && $pwd==$r['password']){  
    echo"Alert : Valid Username And Password";  
}  
else{  
    echo"Alert : Invalid Username or Passowrd";  
}  
}  
?>
```

Output :



## ASSIGNMENT 4

### SET-A

Q.2 Write Ajax program to carry out validation for a username entered in textbox. If the textbox is blank, print 'Enter username'. If the number of characters is less than three, print 'Username is too short'. If value entered is appropriate the print 'Valid username'

#### **Q.2.html:**

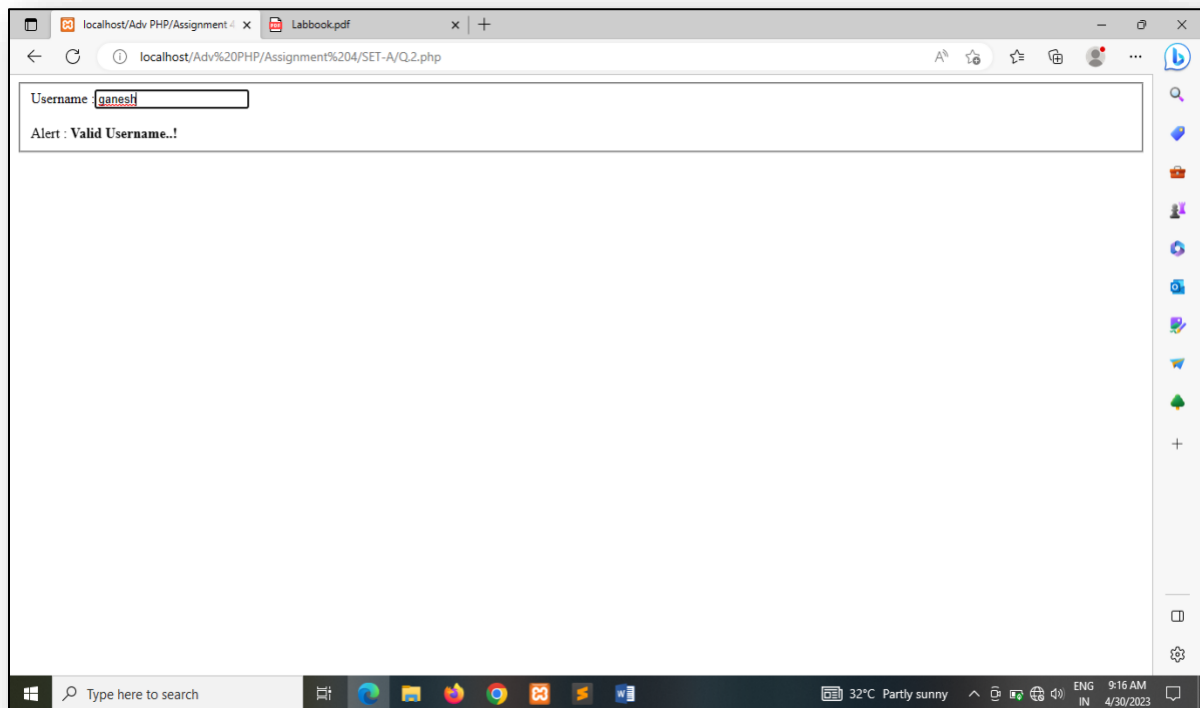
```
<html>
<head>
<script type="text/javascript">
function validate()
{
var ob=false;
ob=new XMLHttpRequest();
var d1=document.getElementById("tb1").value;
ob.open("GET","goal.php?textb1="+d1,true);
ob.send();
ob.onreadystatechange=function()
{
if(ob.readyState==4 && ob.status==200)
document.getElementById("result").innerHTML=ob.responseText;
}
}
</script>
</head>
<body>
<form>
    <fieldset>
Username :<input type="text" id="tb1" onkeyup="validate()"><br><br>
Alert : <span id="result"></span>
    </fieldset>
</form>
</body>
</html>
```

#### **goal.php:**

```
<?php
$str=$_GET['textb1'];
$strlength=strlen($str);
if($str==""){
    echo"<b>Username should not be empty...!</b>";
}
else if($strlength<4){
    echo"<b>Username is too short...!</b>";
}
else{
```

```
echo"<b>Valid Username..!";  
}  
?>
```

Output :



## ASSIGNMENT 4

### SET-A

Q.3 Write Ajax program to get book details from XML file when user select a book name. Create XML file for storing details of book(title, author, year, price).

#### **Q.3.html:**

```
<html>
<form>
<p>select book: </p>
<select name="title" onchange="show(this.value)">
  <option value="">Select Book</option>
  <option value="PHP">PHP</option>
  <option value="Adv PHP">Advance PHP</option>
</select>
</form>
<span id="result">Book Details :<br></span>
<script>
  function show(str)
  {
  if(window.XMLHttpRequest){
    ob=new XMLHttpRequest();
  }
  else{
    ob=new ActiveXObject("Microsoft.XMLHTTP");
  }
  ob.onreadystatechange=function(){
    if(ob.readyState==4 && ob.status==200){
      document.getElementById("result").innerHTML=ob.responseText;
    }
  }
  ob.open("GET","aim.php?textb1="+str,true);
  ob.send();
  }
</script>
</html>
```

#### **book.xml:**

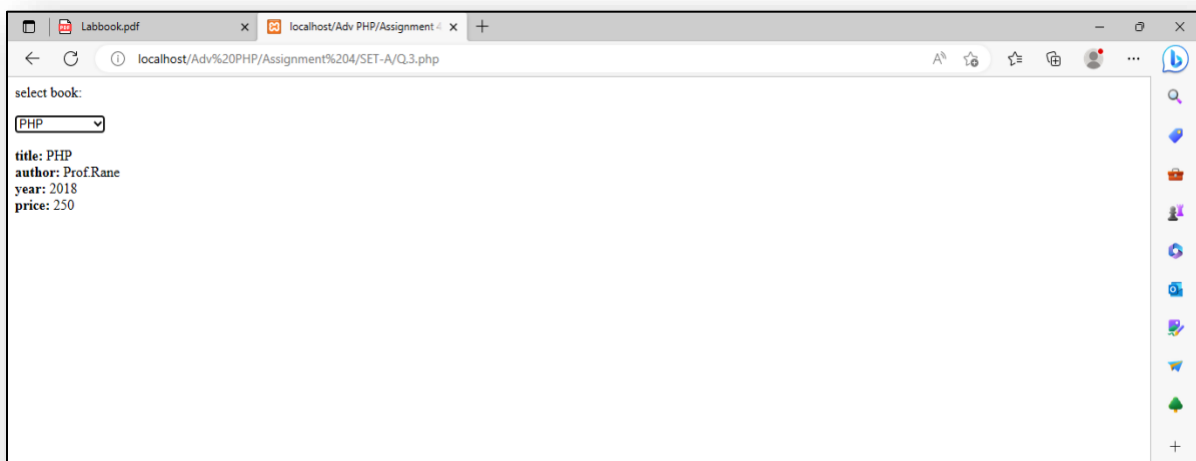
```
<?xml version="1.0" encoding="UTF-8"?>
<books>
<book>
<title>PHP</title>
<author>Prof.Rane</author>
<year>2018</year>
<price>250</price>
</book>
<book>
<title>Adv PHP</title>
```

```
<author>Prof.Gavali</author>
<year>2020</year>
<price>300</price>
</book>
</books>
```

**aim.php:**

```
<?php
$obj=$_GET["textb1"];
$dom=new DOMDocument();
$dom->load("book.xml");
$x=$dom->getElementsByTagName('title');
for($i=0;$i<=$x->length-1;$i++){
    if($x->item($i)->nodeType==1){
        if($x->item($i)->childNodes->item(0)->nodeValue==$obj){
            $y=($x->item($i)->parentNode);
        }
    }
}
$book=($y->childNodes);
for($i=0;$i<$book->length;$i++){
    if($book->item($i)->nodeType==1){
        echo "<b>". $book->item($i)->nodeName."</b>&nbsp;";
        echo $book->item($i)->childNodes->item(0)->nodeValue;
        echo "<br>";
    }
}
?>
```

Output :



## ASSIGNMENT 4

### SET-B

Q.1 Write Ajax program to fetch suggestions when is user is typing in a textbox. (eg like google suggestions. Hint create array of suggestions and matching string will be displayed )

#### Q.1.html:

```
<html>
<body>
<fieldset>
  <h2>Enter A Letter To View Suggestions:</h2>
  <b>First name: </b><input type="text" id="txt1" onkeyup="showHint(this.value)"><br><br>
  <b>Suggestions: </b><span id="txtHint"></span>
</fieldset>
<script>
function showHint(str) {
  var xhttp;
  if (str.length == 0) {
    document.getElementById("txtHint").innerHTML = "";
    return;
  }
  xhttp = new XMLHttpRequest();
  xhttp.onreadystatechange = function() {
    if (this.readyState == 4 && this.status == 200) {
      document.getElementById("txtHint").innerHTML = this.responseText;
    }
  };
  xhttp.open("GET", "aim.php?q="+str, true);
  xhttp.send();
}
</script>

</body>
</html>
```

#### aim.php:

```
<?php
// Array with names
$a[] = "Apple";
$a[] = "Biscuit";
$a[] = "Chocolate";
$a[] = "David";
$a[] = "Elephant";
$a[] = "Ford";
$a[] = "Ganesh";
$a[] = "Hell";
$a[] = "India";
```



```

$a[] = "Joker";
$a[] = "King";
$a[] = "Lamp";
$a[] = "Naina";
$a[] = "Ostrich";
$a[] = "Priya";
$a[] = "Prashant";
$a[] = "Ring";
$a[] = "Sarthak";
$a[] = "Transformer";
$a[] = "Urvashi";
$a[] = "Xavier";
$a[] = "Yaught";
$a[] = "Zayn";

$q = $_REQUEST["q"];

$hint = "";

if ($q !== "") {
    $q = strtolower($q);
    $len=strlen($q);
    foreach($a as $name) {
        if (stristr($q, substr($name, 0, $len))) {
            if ($hint === "") {
                $hint = $name;
            } else {
                $hint .= ", $name";
            }
        }
    }
}
echo $hint === "" ? "no suggestion" : $hint;
?>

```

Output :



## ASSIGNMENT 4

### SET-B

Q.2 Write Ajax program to get player details from XML file when user select a player name. Create XML file for storing details of player (Country, player name, wickets, runs ).

#### Q.2.html:

```
<html>
<form>
  <fieldset>
    <h3>Select Player: </h3>
    <select name="title" onchange="show(this.value)">
      <option value="">Select Player</option>
      <option value="Virat Kohli">Virat Kohli</option>
      <option value="David Warner">David Warner</option>
    </select>
    <br><br>
    <span id="result">Book Details :<br></span>
  </fieldset>
</form>

<script>
  function show(str)
  {
    if(window.XMLHttpRequest){
      ob=new XMLHttpRequest();
    }
    else{
      ob=new ActiveXObject("Microsoft.XMLHTTP");
    }
    ob.onreadystatechange=function(){
      if(ob.readyState==4 && ob.status==200){
        document.getElementById("result").innerHTML=ob.responseText;
      }
    }
    ob.open("GET","target.php?textb1="+str,true);
    ob.send();
  }
</script>

</html>
```

**player.xml:**

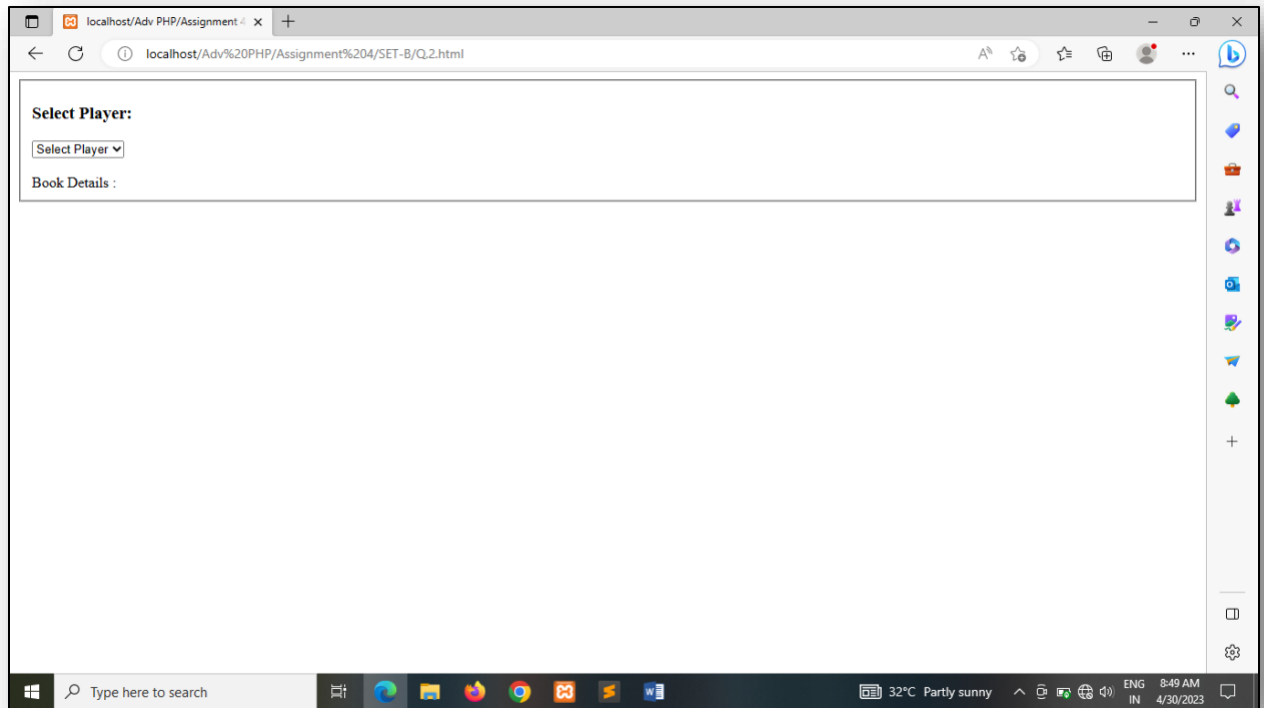
```
<?xml version="1.0" encoding="UTF-8"?>
<players>
<player>
<country>India</country>
<player_name>Virat Kohli</player_name>
<wicket>240</wicket>
<runs>700</runs>
</player>
<player>
<country>Australia</country>
<player_name>David Warner</player_name>
<wicket>400</wicket>
<runs>500</runs>
</player>
</players>
```

**target.php:**

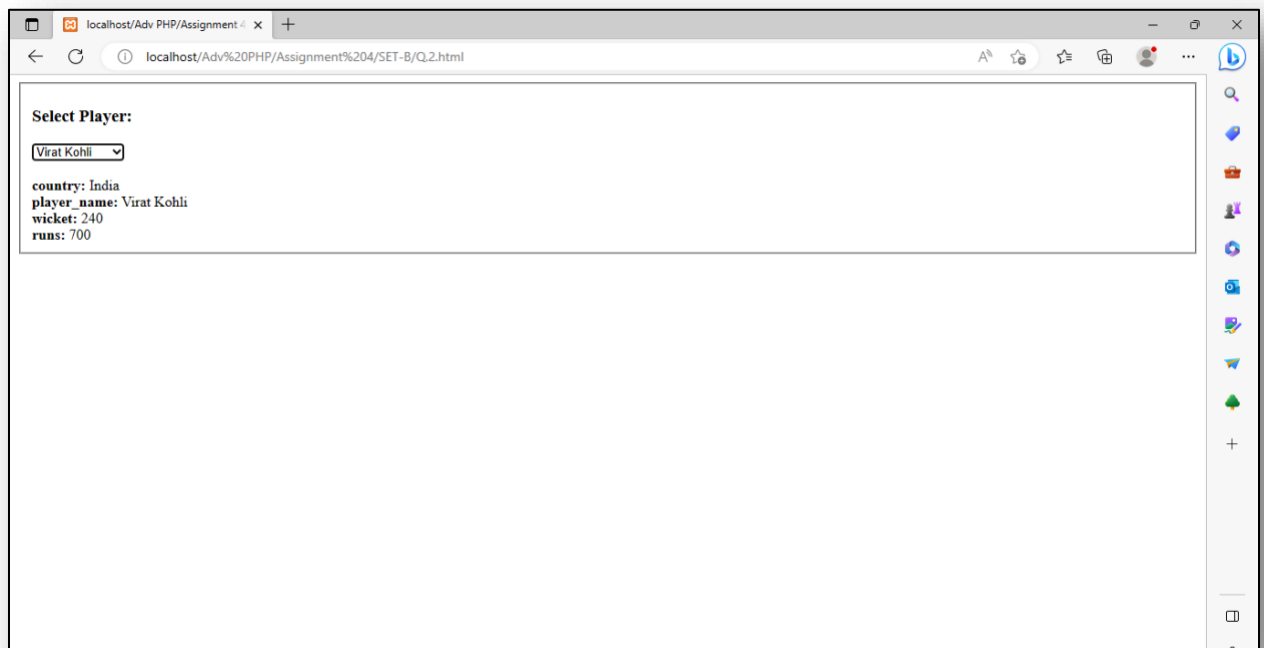
```
<?php
$obj=$_GET["textb1"];
$dom=new DOMDocument();
$dom->load("player.xml");
$x=$dom->getElementsByTagName('player_name');
for($i=0;$i<=$x->length-1;$i++){
    if($x->item($i)->nodeType==1){
        if($x->item($i)->childNodes->item(0)->nodeValue==$obj){
            $y=($x->item($i)->parentNode);
        }
    }
}
$player=($y->childNodes);
for($i=0;$i<$player->length;$i++){
    if($player->item($i)->nodeType==1){
        echo "<b>".$player->item($i)->nodeName."</b>&nbsp;";
        echo $player->item($i)->childNodes->item(0)->nodeValue;
        echo "<br>";
    }
}
?>
```

Output :

## OUTPUT 1



## OUTPUT 2



## ASSIGNMENT 4

### SET-B

Q.3 Write a AJAX program to display the following output to search your favourite tutorial from "tutorial.php" file.

#### Q.3.html:

```
<html>
<form>
  <fieldset>
    <h3>Search Your Favourite Tutorial: </h3>
    <input type="text" name="name" onkeyup="show(this.value)">
    <br><br>
    <b><u>Entered Course Name :</b></u><br>
    <span id="result"><br></span>
  </fieldset>
</form>
<script>
  function show(str)
  {
    if(window.XMLHttpRequest){
      ob=new XMLHttpRequest();
    }
    else{
      ob=new ActiveXObject("Microsoft.XMLHTTP");
    }
    ob.onreadystatechange=function(){
      if(ob.readyState==4 && ob.status==200){
        document.getElementById("result").innerHTML=ob.responseText;
      }
    }
    ob.open("GET","goal.php?textb1="+str,true);
    ob.send();
  }
</script>
</html>
```

#### tutorial.xml:

```
<?xml version="1.0" encoding="UTF-8"?>
<tutorials>
  <tutorial>
    <name>BBACA</name>
    <class1>FYBBACA</class1>
```

```

<class2>SYBBACA</class2>
<class3>TYBBACA</class3>
</tutorial>
<tutorial>
<name>B.COM</name>
<class1>FYBCOM</class1>
<class2>SYBCOM</class2>
<class3>TYBCOM</class3>
</tutorial>
<tutorial>
<name>BBA</name>
<class1>FYBBA</class1>
<class2>SYBBA</class2>
<class3>TYBBA</class3>
</tutorial>
</tutorials>

```

**goal.php:**

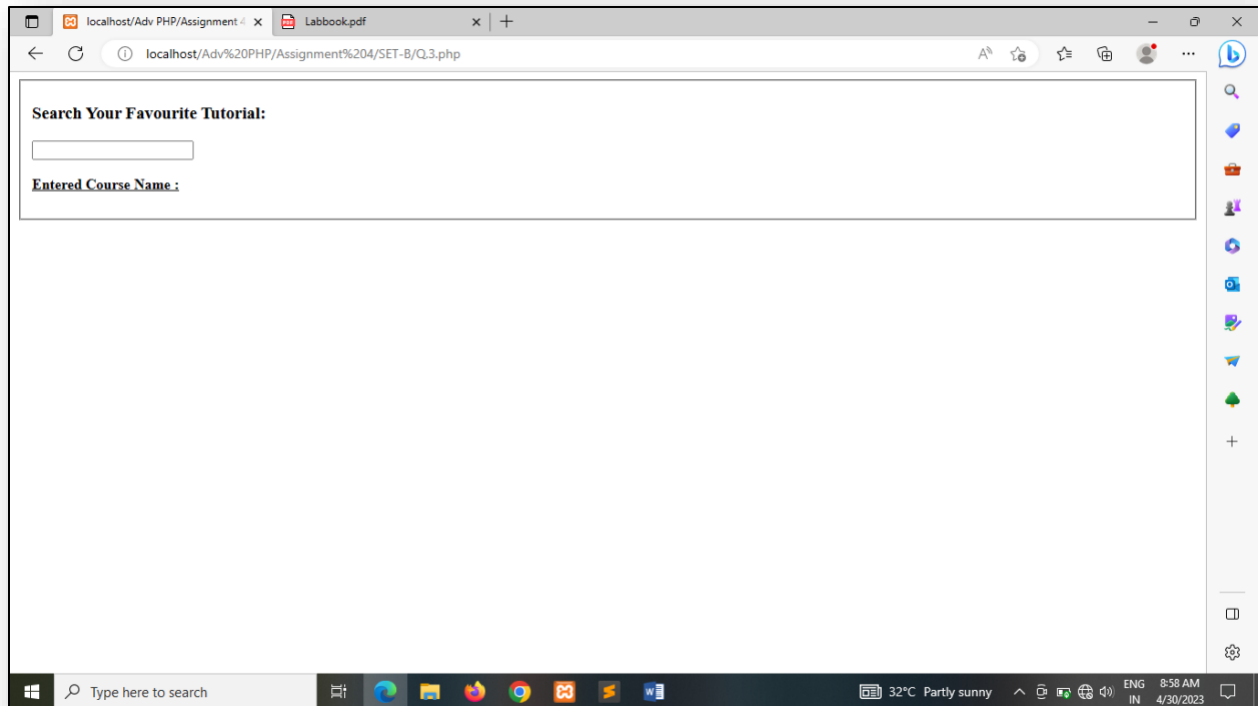
```

<?php
$obj=$_GET["textb1"];
$dom=new DOMDocument();
$dom->load("tutorial.xml");
$x=$dom->getElementsByTagName('name');
for($i=0;$i<=$x->length-1;$i++){
    if($x->item($i)->nodeType==1){
        if($x->item($i)->childNodes->item(0)->nodeValue==$obj){
            $y=($x->item($i)->parentNode);
        }
    }
}
$tutorial=($y->childNodes);
for($i=0;$i<$tutorial->length;$i++){
    if($tutorial->item($i)->nodeType==1){
        echo "<b>". $tutorial->item($i)->nodeName."</b>&nbsp;";
        echo $tutorial->item($i)->nodeValue;
        echo "<br>";
    }
}
?>

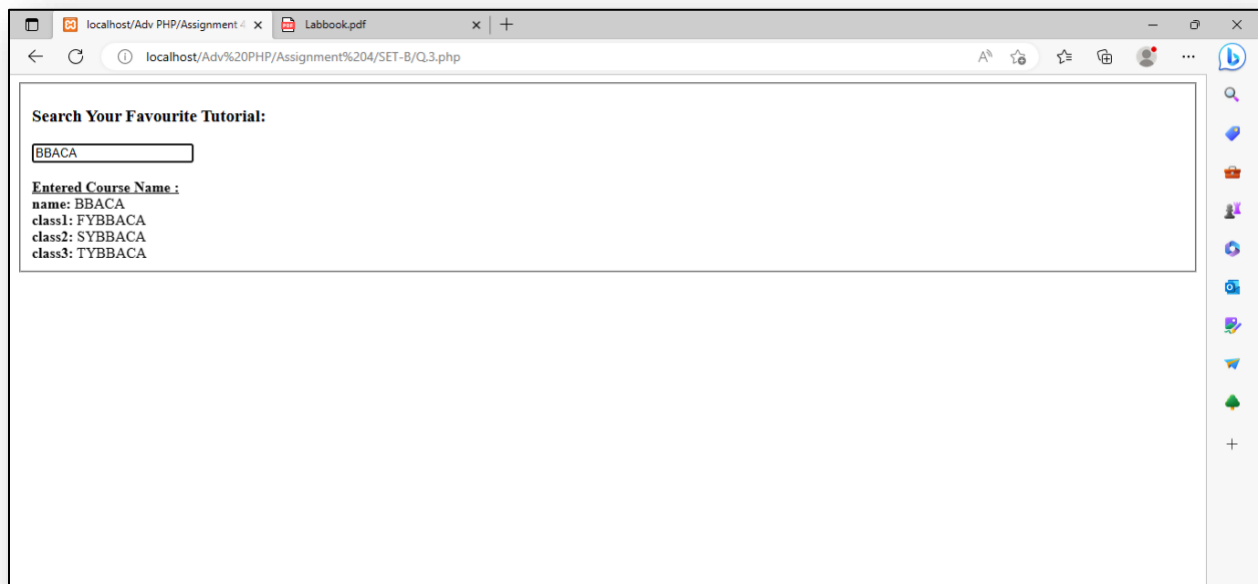
```

Output :

## OUTPUT 1



## OUTPUT 2



## ASSIGNMENT 4

### SET-C

Q.1 Write a AJAX program to display the selected course information from the list given in XML file and show the following output.

#### Q.1.html:

```
<html>
<form>
  <fieldset>
<h3>Select a Course: </h3>
<select name="title" onchange="show(this.value)">
  <option value="">Select Course</option>
  <option value="PHP">PHP</option>
  <option value="Java">Java</option>
  <option value="Python">Python</option>
  <option value="C">C</option>
</select>
<br><br>
<b><u>Course Information :</b></u><br>
<span id="result"><br></span>
</fieldset>
</form>
<script>
  function show(str)
  {
if(window.XMLHttpRequest){
  ob=new XMLHttpRequest();
}
else{
  ob=new ActiveXObject("Microsoft.XMLHTTP");
}
ob.onreadystatechange=function(){
  if(ob.readyState==4 && ob.status==200){
    document.getElementById("result").innerHTML=ob.responseText;
  }
}
ob.open("GET","aim.php?textb1="+str,true);
ob.send();
}
</script>
</html>
```



**courses.xml:**

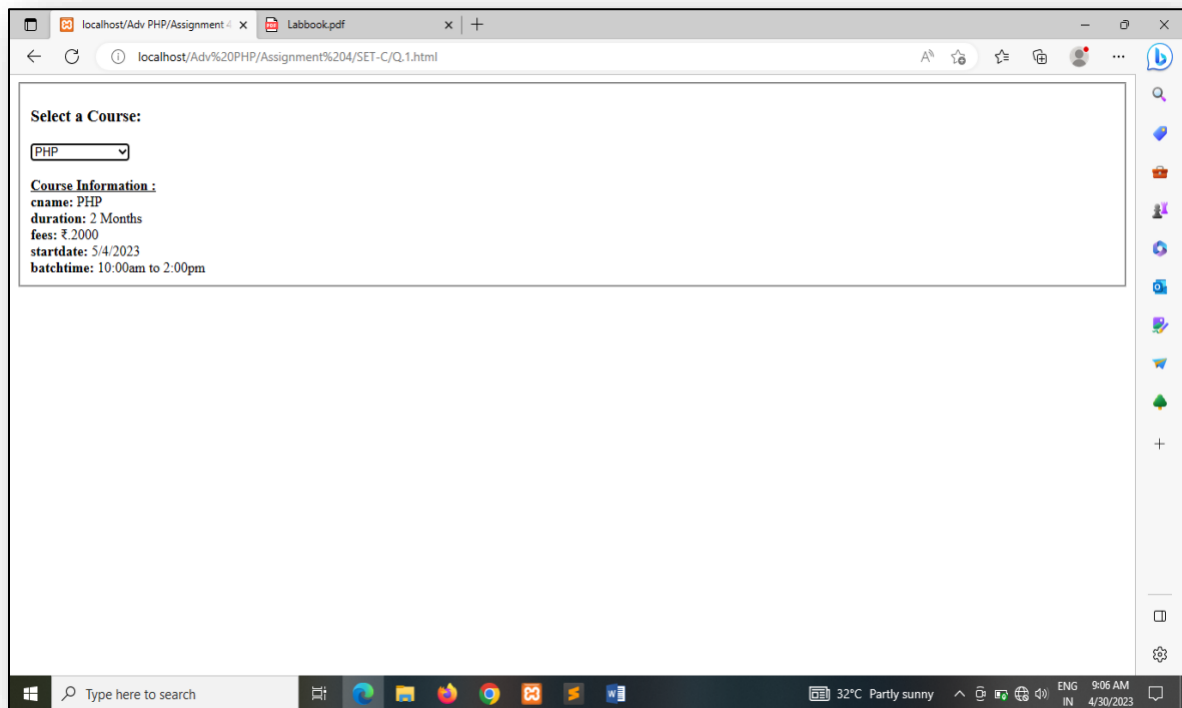
```
<?xml version="1.0" encoding="UTF-8"?>
<courses>
<course>
<cname>PHP</cname>
<duration>2 Months</duration>
<fees>₹.2000</fees>
<startdate>5/4/2023</startdate>
<batchtime>10:00am to 2:00pm</batchtime>
</course>
<course>
<cname>Java</cname>
<duration>3 Months</duration>
<fees>₹.5000</fees>
<startdate>30/12/2023</startdate>
<batchtime>4:00pm to 5:00pm</batchtime>
</course>
<course>
<cname>Python</cname>
<duration>3 Months</duration>
<fees>₹.4000</fees>
<startdate>14/5/2023</startdate>
<batchtime>2:00pm to 4:00pm</batchtime>
</course>
<course>
<cname>C</cname>
<duration>3 Months</duration>
<fees>₹.1500</fees>
<startdate>6/10/2023</startdate>
<batchtime>11:00am to 1:00pm</batchtime>
</course>
</courses>
```

**aim.php:**

```
<?php
$obj=$_GET["textb1"];
$dom=new DOMDocument();
$dom->load("courses.xml");
$x=$dom->getElementsByTagName('cname');
for($i=0;$i<=$x->length-1;$i++){
    if($x->item($i)->nodeType==1){
        if($x->item($i)->childNodes->item(0)->nodeValue==$obj){
            $y=($x->item($i)->parentNode);
        }
    }
}
$course=($y->childNodes);
```

```
for($i=0;$i<$course->length;$i++){  
    if($course->item($i)->nodeType==1){  
        echo"<b>".$course->item($i)->nodeName."</b>&nbsp;";  
        echo $course->item($i)->childNodes->item(0)->nodeValue;  
        echo"<br>";  
    }  
}  
?>
```

Output :



GT