

Q.1) Write a PHP script to generate an XML in the following format in php.

```
<? Xml version='1.0'encoding=''ISO-8859-1'?>
<Book Store>
<Books>
<PHP>
<Title> Programming in PHP </ Title>
<Publication>O'RELLY<Publication>
</PHP>
<PHP>
<Title> Beginners PHP</ Title>
<Publication> WORX</Publication>
</PHP></Books>
</Book Store>
```

```
→ <?php
// Create a new DOMDocument instance with XML version 1.0 and character encoding ISO-
8859-1
$doc = new DOMDocument('1.0', 'ISO-8859-1');
$doc->formatOutput = true; // Makes the output easier to read (indented)

// Root element <Book_Store>
$bookStore = $doc->createElement('Book_Store'); // Note: No spaces allowed in XML tag
names
$doc->appendChild($bookStore); // Attach root to document

// <Books> element as a container for all books
$books = $doc->createElement('Books');
$bookStore->appendChild($books); // Attach <Books> to <Book_Store>

// ----- First PHP Book -----

// Create <PHP> element
$php1 = $doc->createElement('PHP');

// Add <Title> element with text
$title1 = $doc->createElement('Title', 'Programming in PHP');
$php1->appendChild($title1);

// Add <Publication> element with text
$pub1 = $doc->createElement('Publication', "O'REILLY"); // Escape characters handled
automatically
$php1->appendChild($pub1);

// Attach the first <PHP> book to <Books>
$books->appendChild($php1);

// ----- Second PHP Book -----

$php2 = $doc->createElement('PHP');
```

```
$title2 = $doc->createElement('Title', 'Beginners PHP');
$php2->appendChild($title2);
```

```
$pub2 = $doc->createElement('Publication', 'WORX');
$php2->appendChild($pub2);
```

```
// Attach the second <PHP> book to <Books>
$books->appendChild($php2);
```

```
// Set content-type header to XML
header('Content-Type: text/xml');
```

```
// Output the XML as a string
echo $doc->saveXML();
?>
```

Output

```
<?xml version="1.0" encoding="ISO-8859-1"?>
<Book_Store>
  <Books>
    <PHP>
      <Title>Programming in PHP</Title>
      <Publication>O'REILLY</Publication>
    </PHP>
    <PHP>
      <Title>Beginners PHP</Title>
      <Publication>WORX</Publication>
    </PHP>
  </Books>
</Book_Store>
```

Q.2) Write a PHP script to accept Employee details (eno, ename, address) on first page. On second page accept earning (Basic, Da, HRA). On third page print Employee information(eno, ename, Address, BASIC, DA, HRA, TOTAL) [Hint: Use Session]

```
→ <?php
// Start the session
session_start();
?>
```

```
<!DOCTYPE html>
<html>
<head>
  <title>Employee Details</title>
</head>
<body>
  <h2>Enter Employee Details</h2>
  <form method="post" action="earnings_form.php">
    Employee No: <input type="text" name="eno" required><br><br>
```

```
        Name: <input type="text" name="ename" required><br><br>
        Address: <input type="text" name="address" required><br><br>
        <input type="submit" value="Next">
    </form>
</body>
</html>
```

```
<?php
session_start();
```

```
// Store employee data from page 1
if ($_SERVER['REQUEST_METHOD'] == 'POST') {
    $_SESSION['eno'] = $_POST['eno'];
    $_SESSION['ename'] = $_POST['ename'];
    $_SESSION['address'] = $_POST['address'];
}
?>
```

```
<!DOCTYPE html>
<html>
<head>
    <title>Employee Earnings</title>
</head>
<body>
    <h2>Enter Employee Earnings</h2>
    <form method="post" action="employee_summary.php">
        Basic: <input type="number" name="basic" required><br><br>
        DA: <input type="number" name="da" required><br><br>
        HRA: <input type="number" name="hra" required><br><br>
        <input type="submit" value="Submit">
    </form>
</body>
</html>
```

```
<?php
session_start();
```

```
// Store earnings from page 2
if ($_SERVER['REQUEST_METHOD'] == 'POST') {
    $_SESSION['basic'] = $_POST['basic'];
    $_SESSION['da'] = $_POST['da'];
    $_SESSION['hra'] = $_POST['hra'];
}

// Calculate total
$total = $_SESSION['basic'] + $_SESSION['da'] + $_SESSION['hra'];
?>
```

```
<!DOCTYPE html>
<html>
```

```
<head>
  <title>Employee Summary</title>
</head>
<body>
  <h2>Employee Information</h2>
  <p><strong>Employee No:</strong> <?php echo $_SESSION['eno']; ?></p>
  <p><strong>Name:</strong> <?php echo $_SESSION['ename']; ?></p>
  <p><strong>Address:</strong> <?php echo $_SESSION['address']; ?></p>
  <p><strong>Basic:</strong> <?php echo $_SESSION['basic']; ?></p>
  <p><strong>DA:</strong> <?php echo $_SESSION['da']; ?></p>
  <p><strong>HRA:</strong> <?php echo $_SESSION['hra']; ?></p>
  <p><strong>Total Salary:</strong> <?php echo $total; ?></p>
</body>
</html>
```