**DEPARTMENT OF COMPUTER SCIENCE**

**RAJAGIRI COLLEGE OF SOCIAL SCIENCES**

**(Autonomous)**

**KALAMASSERY - KOCHI - 683104**

****

MASTER OF COMPUTER APPLICATIONS

**WEB TECHNOLOGY LAB**

**MCA 206**

**LAB RECORD**

**NAME                    : SWEANA VAKKAYIL SEABAN**

**SEMESTER          :  II**

**REGISTER NO   :**

#### https://lh6.googleusercontent.com/2EPKvjGk7IDraYhnb3peVwxDH_yyfV-ZlLIvCeK4bU3oD_ok1r6OCqBxaivOlmRsO85OsQen_06dCae9CJ4gHyfj6yaYXQN2kvy5SAHNdw9HqF9eAQFtJZYShdiZiQ

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### MASTER OF COMPUTER APPLICATIONS

###### **CERTIFICATE**

**NAME                     : SWEANA VAKKAYIL SEABAN**

**SEMESTER           : II**

**REGISTER NO     :**

*Certified that this is a bonafide record of work done by the student in the Software Laboratory of Rajagiri Department of Computer Science, Kalamassery.*

Mr. Diljith K Benny Dr. Bindiya M Varghese

Faculty in Charge Dean, Computer Science

Internal Examiner             External Examiner

Place   : Kalamassery

Date    : 

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| **PROGRAM #1 06-03-2022** |
| Write a program for form validation. |

Program code

<?xml version="1.0"?>

<personneldata>

    <person id="1">

        <name>Jacob</name>

        <email>jacob@gmail.com</email>

        <phone>8953 567 234</phone>

    </person>

    <person id="2">

        <name>Bella</name>

        <email>bella@yahoo.com</email>

        <phone>8952 876 876</phone>

    </person>

    <person id="3">

        <name>Carlisle</name>

        <email>carlisle@gmail.com</email>

        <phone>8943 123 987</phone>

    </person>

    <person id="4">

        <name>Esme</name>

        <email>esme@yahoo.com</email>

        <phone>8952 873 656</phone>

    </person>

    <person id="5">

        <name>Jasper</name>

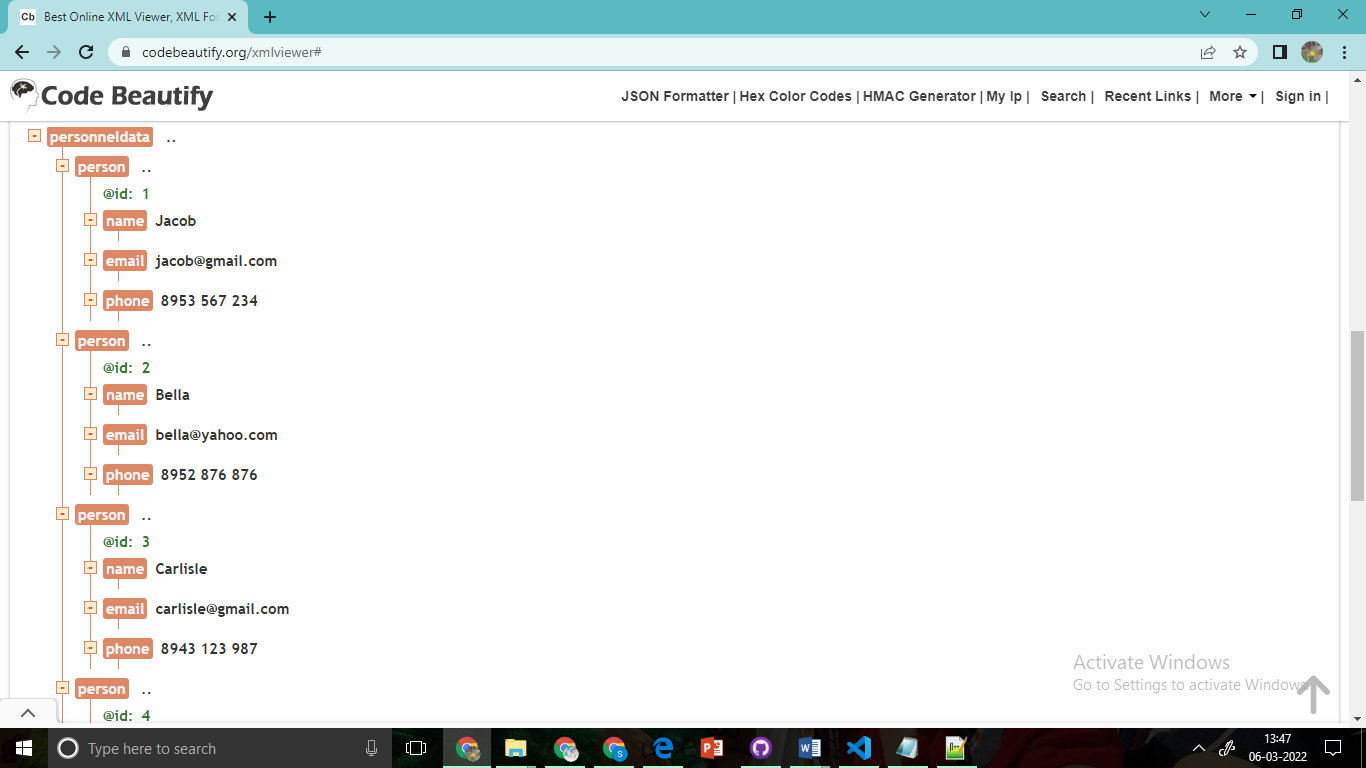
        <email>jasper@gmail.com</email>

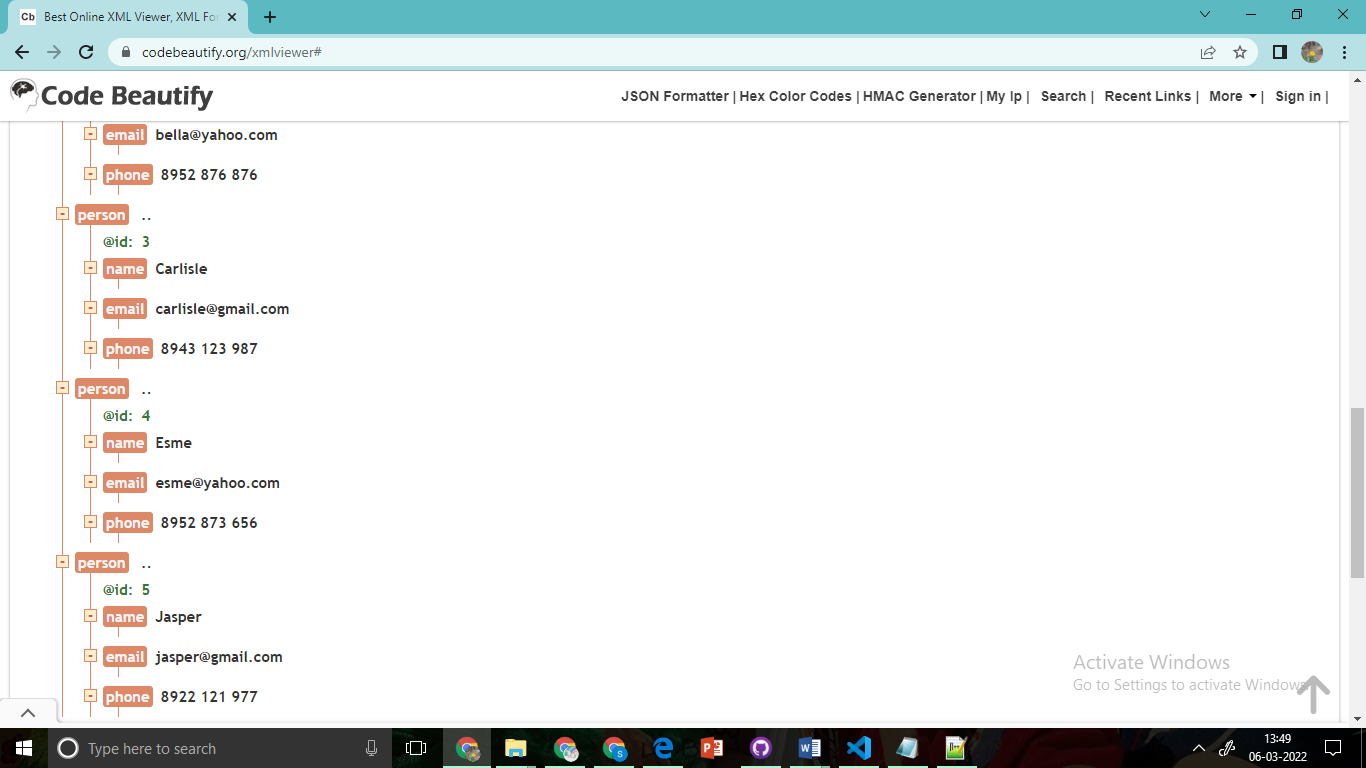
        <phone>8922 121 977</phone>

    </person>

</personneldata>

Output





|  |
| --- |
| **PROGRAM #10 06-03-2022** |
| Write an XML program to print the details of five persons. |

Program code

<?xml version="1.0"?>

<personneldata>

    <person id="1">

        <name>Jacob</name>

        <email>jacob@gmail.com</email>

        <phone>8953 567 234</phone>

    </person>

    <person id="2">

        <name>Bella</name>

        <email>bella@yahoo.com</email>

        <phone>8952 876 876</phone>

    </person>

    <person id="3">

        <name>Carlisle</name>

        <email>carlisle@gmail.com</email>

        <phone>8943 123 987</phone>

    </person>

    <person id="4">

        <name>Esme</name>

        <email>esme@yahoo.com</email>

        <phone>8952 873 656</phone>

    </person>

    <person id="5">

        <name>Jasper</name>

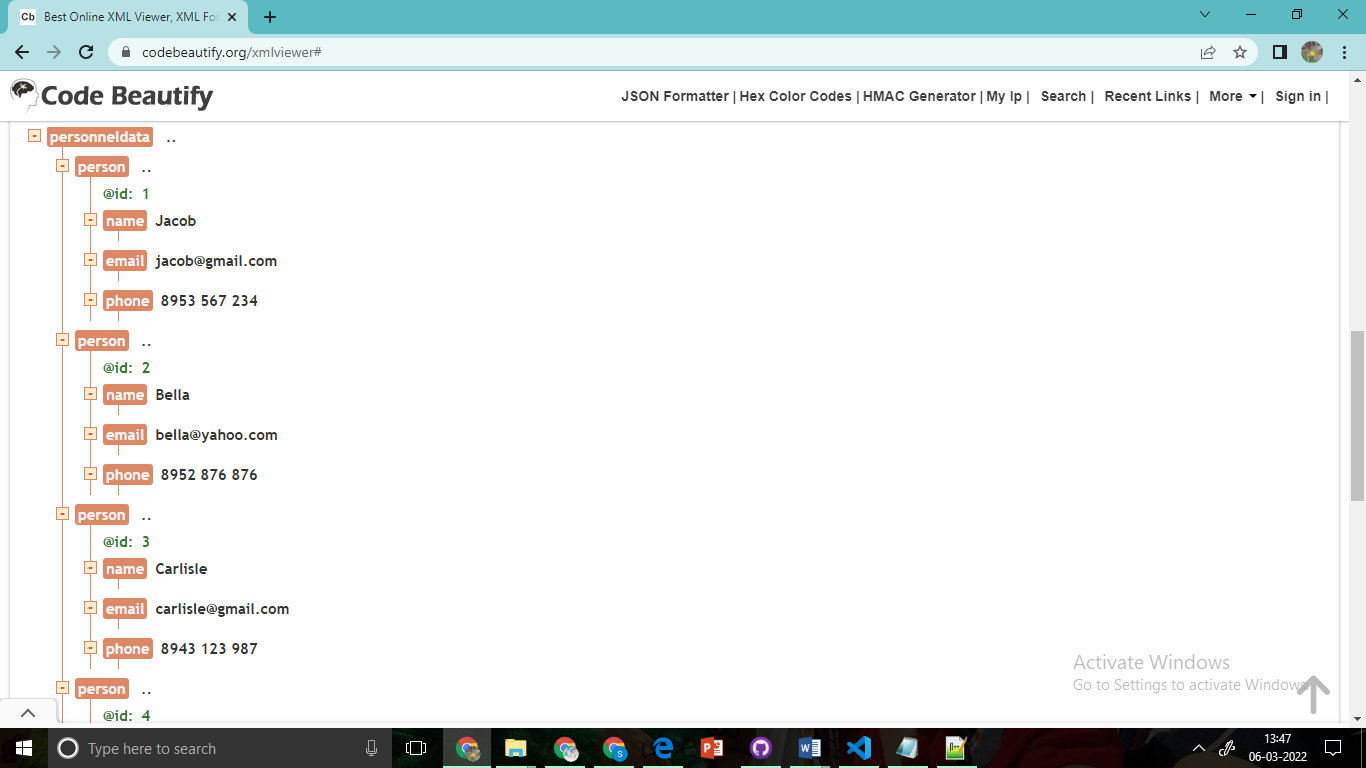
        <email>jasper@gmail.com</email>

        <phone>8922 121 977</phone>

    </person>

</personneldata>

Output



|  |
| --- |
| **PROGRAM #10 06-03-2022** |
| Write an XML program to print the details of five persons. |

Program code

<?xml version="1.0"?>

<personneldata>

    <person id="1">

        <name>Jacob</name>

        <email>jacob@gmail.com</email>

        <phone>8953 567 234</phone>

    </person>

    <person id="2">

        <name>Bella</name>

        <email>bella@yahoo.com</email>

        <phone>8952 876 876</phone>

    </person>

    <person id="3">

        <name>Carlisle</name>

        <email>carlisle@gmail.com</email>

        <phone>8943 123 987</phone>

    </person>

    <person id="4">

        <name>Esme</name>

        <email>esme@yahoo.com</email>

        <phone>8952 873 656</phone>

    </person>

    <person id="5">

        <name>Jasper</name>

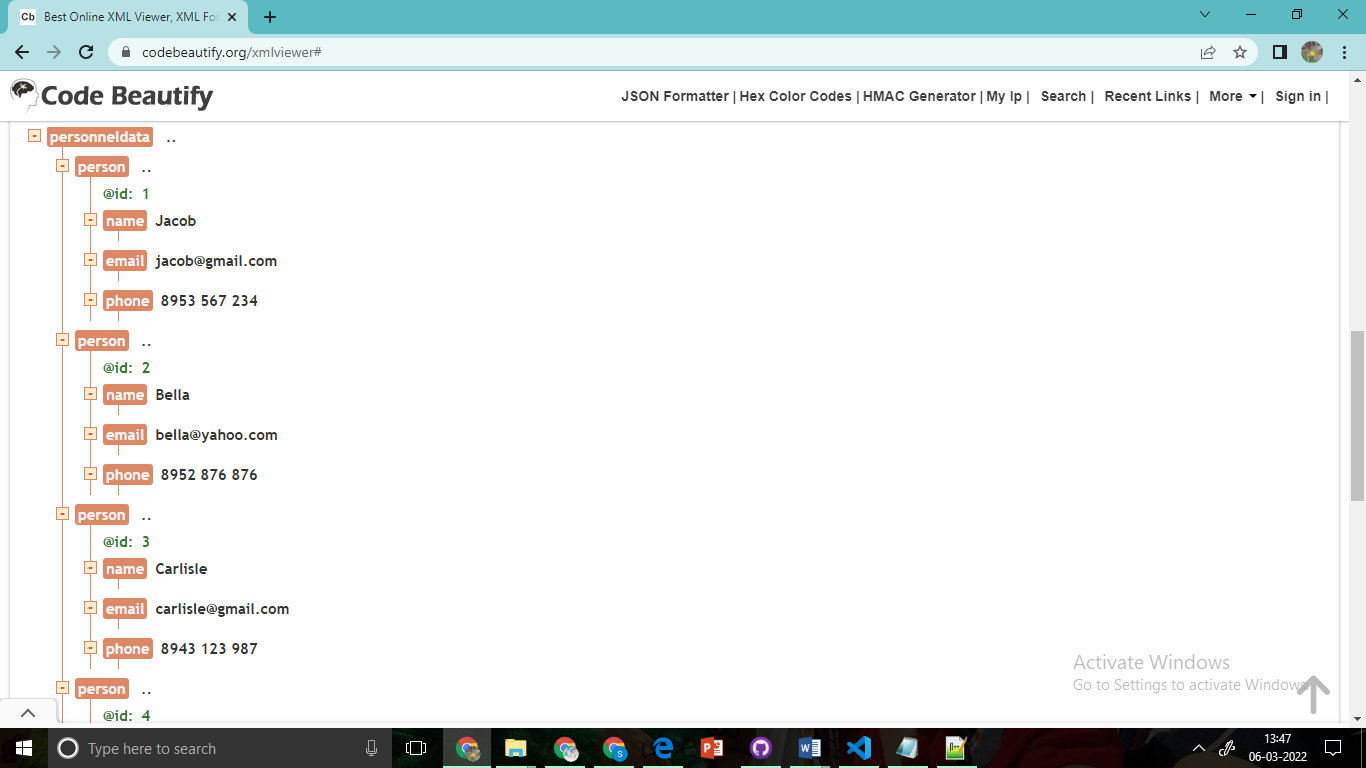
        <email>jasper@gmail.com</email>

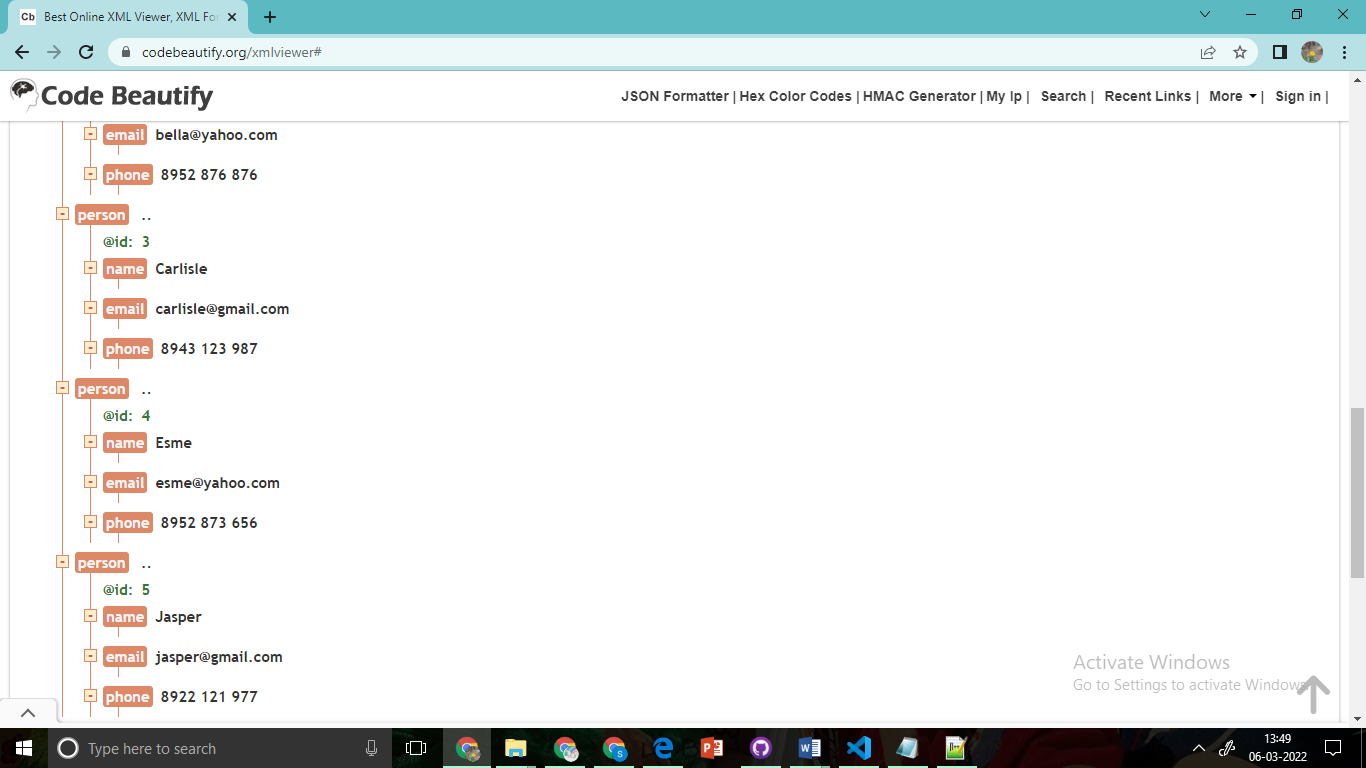
        <phone>8922 121 977</phone>

    </person>

</personneldata>

Output





|  |
| --- |
| **PROGRAM #11 06-03-2022** |
| Write an XML program to print the details of five products. |

Program code

<?xml version="1.0"?>

<ProductDetails>

    <Product1>

        <Id>1</Id>

        <Name>Dunagree</Name>

        <Price>800</Price>

        <Colour>Green</Colour>

        <Quantity>3</Quantity>

    </Product1>

    <Product2>

        <Id>2</Id>

        <Name>Pleated Skirt</Name>

        <Price>400</Price>

        <Colour>Purple</Colour>

        <Quantity>1</Quantity>

    </Product2>

    <Product3>

        <Id>3</Id>

        <Name>Worded Barrette</Name>

        <Price>50</Price>

        <Colour>Silver</Colour>

        <Quantity>10</Quantity>

    </Product3>

    <Product4>

        <Id>4</Id>

        <Name>Jogger</Name>

        <Price>900</Price>

        <Colour>Black</Colour>

        <Quantity>2</Quantity>

    </Product4>

    <Product5>

        <Id>5</Id>

        <Name>Hoodie</Name>

        <Price>800</Price>

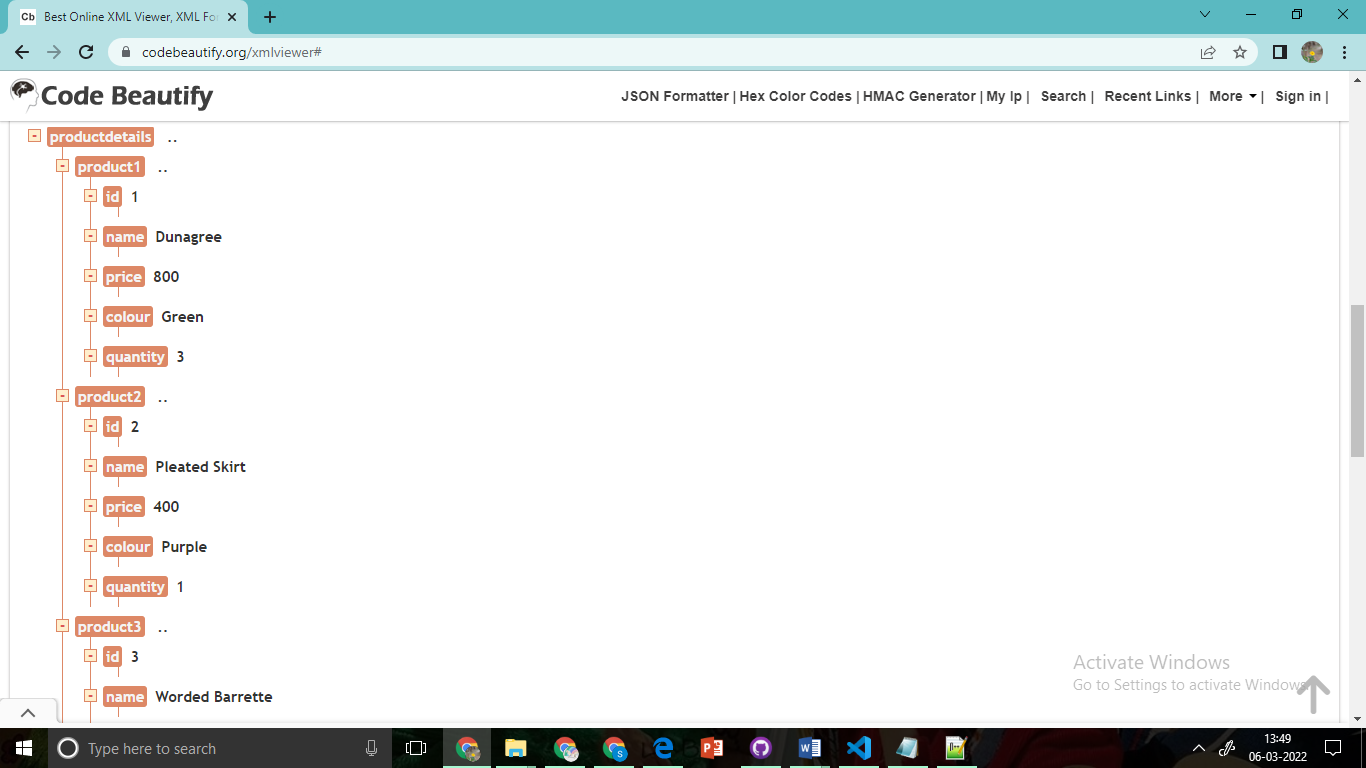
        <Colour>Orange</Colour>

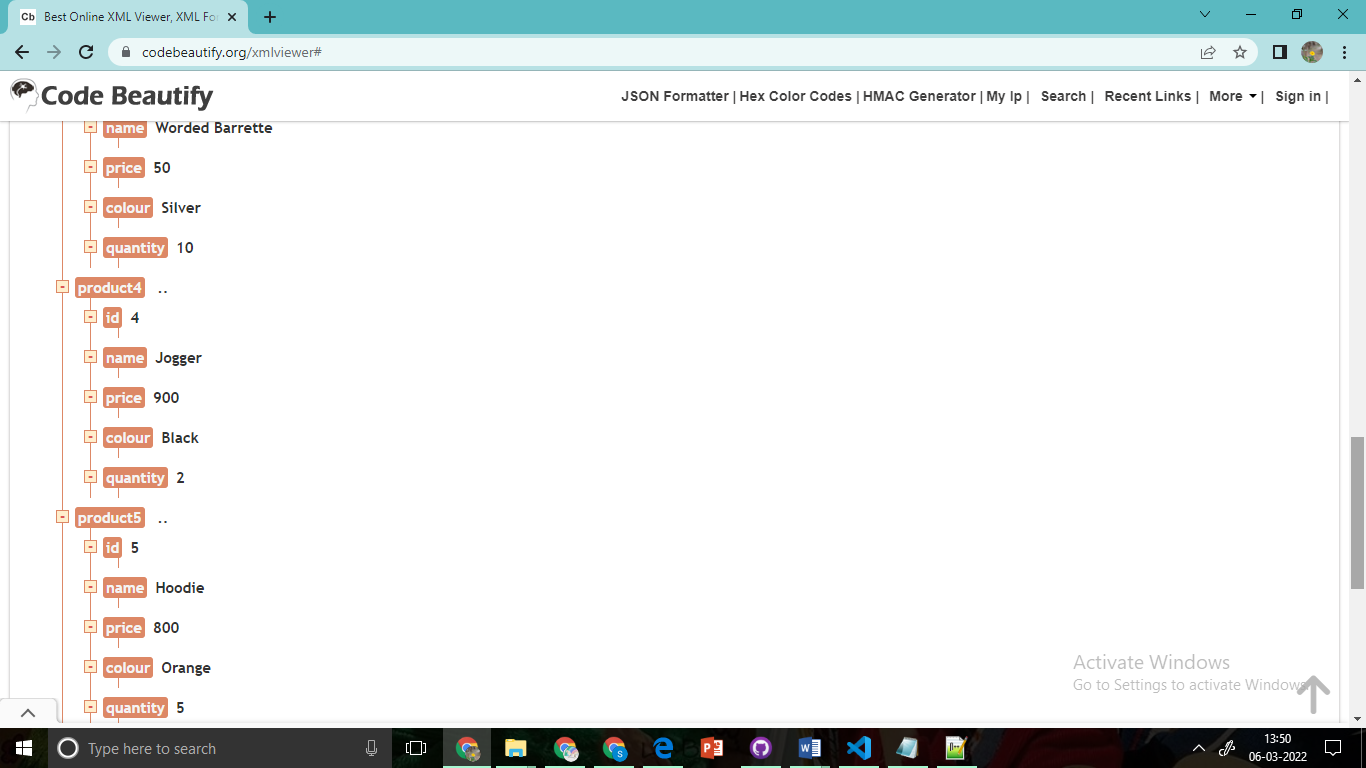
        <Quantity>5</Quantity>

    </Product5>

</ProductDetails>

Output





|  |
| --- |
| **PROGRAM #12 06-03-2022** |
| Write an XML program to print the details of five products. |

Program code

<?xml version="1.0"?>

<FacultyDetails>

    <Faculty1>

        <Id>1</Id>

        <Name>Hitha Paulson</Name>

        <Department>Computer Science</Department>

        <Salary>40000</Salary>

        <Course>Computer Organisation and Architecture</Course>

    </Faculty1>

    <Faculty2>

        <Id>2</Id>

        <Name>Jestin James</Name>

        <Department>Computer Science</Department>

        <Salary>43000</Salary>

        <Course>Android</Course>

    <Faculty2>

    <Faculty3>

        <Id>3</Id>

        <Name>Priya M S</Name>

        <Department>Computer Science</Department>

        <Salary>50000</Salary>

        <Course>Programming in C</Course>

    </Faculty3>

    <Faculty4>

        <Id>4</Id>

        <Name>Sheba George</Name>

        <Department>English</Department>

        <Salary>42000</Salary>

        <Course>Academic Writing</Course>

    </Faculty4>

    <Faculty5>

        <Id>5</Id>

        <Name>Ann</Name>

        <Department>Physics</Department>

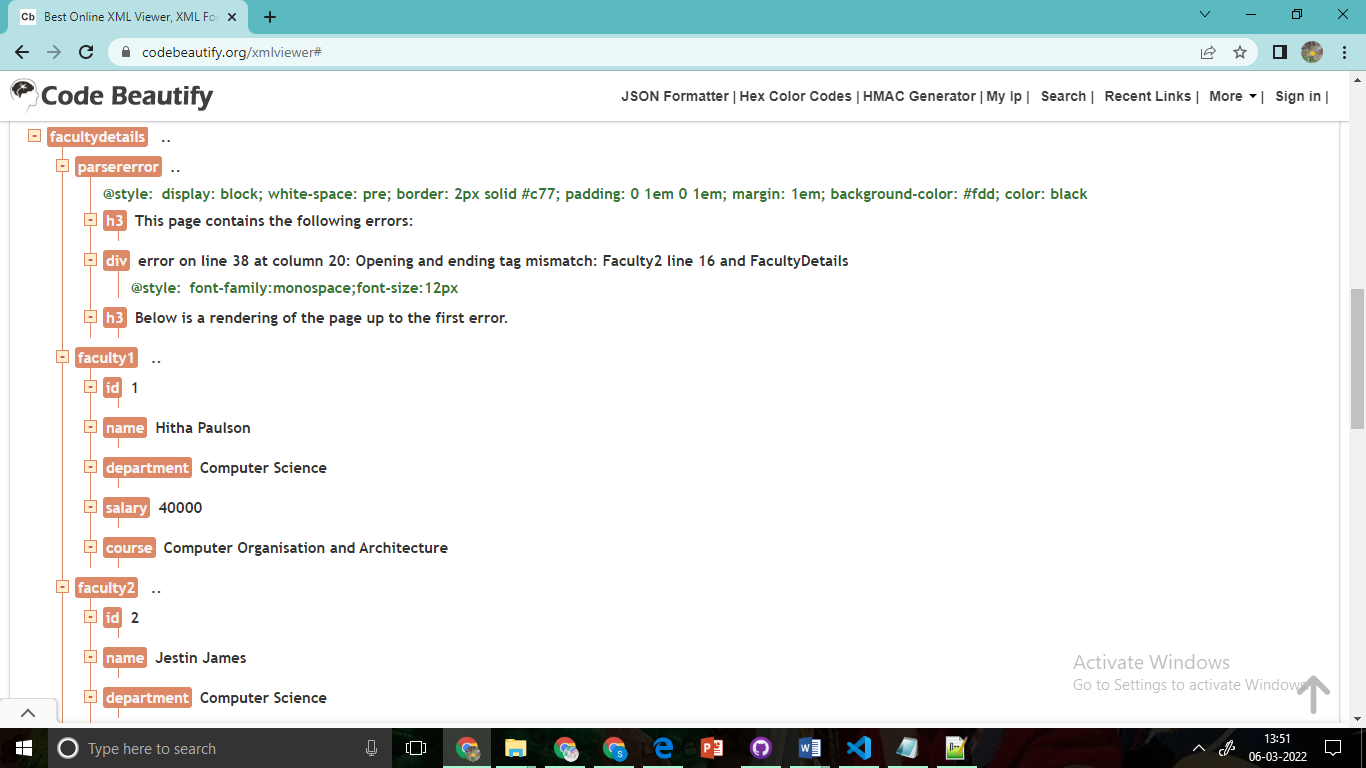
        <Salary>40000</Salary>

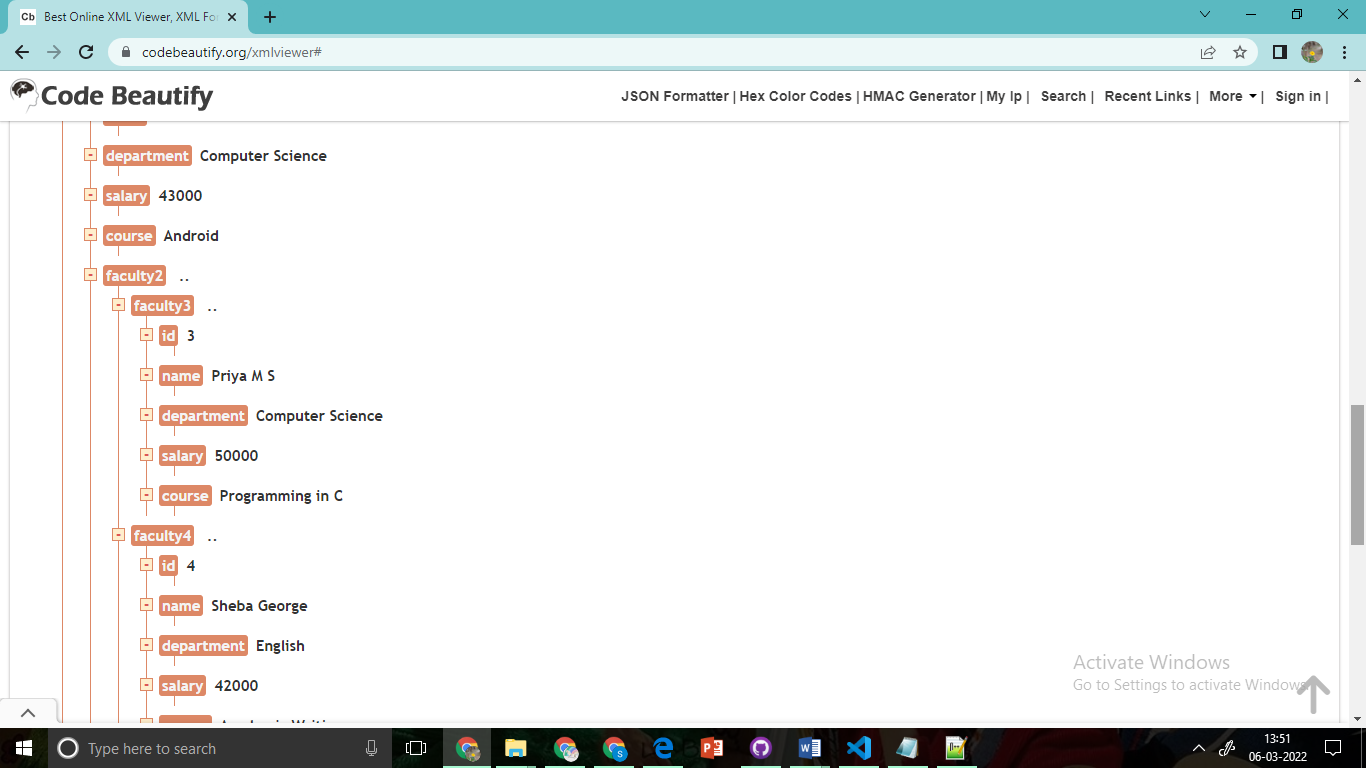
        <Course>Nuclear Physics</Course>

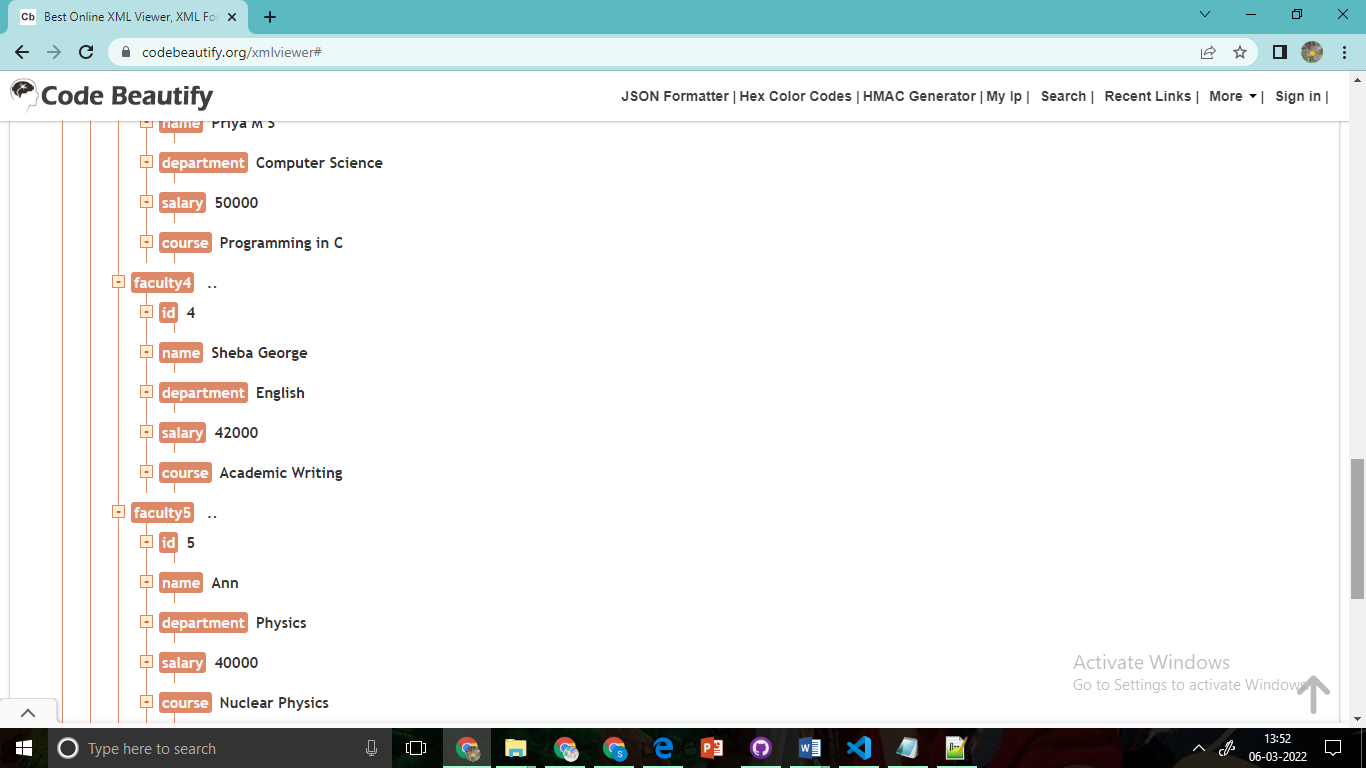
    </Faculty5>

</FacultyDetails>

Output







|  |
| --- |
| **PROGRAM #17 06-03-2022** |
| Write a PHP program to print the payslip of an employee. |

Program code

HTML File

<!DOCTYPE>

    <html>

        <head>

            <title> Employee Details</title>

        </head>

        <body>

            <!-- FORM STARTS HERE -->

            <form  action="phppayslippgm.php"  method="post" >

                <center>

                     <h1> Employee Details</h1>

                    <br><br><br>

                     Employee Name:

                    <input type = "text" name="nam" required>

                    <br><br>

                     Employee Designation:

                    <select name="desig">

                     <option selected value="manager">Manager</option>

                     <option value="supervisor">Supervisor</option>

                     <option value="clerk">Clerk</option>

                     <option value="peon">Peon</option>  </select>

                    <br><br>

                     Basic Salary:

                    <input type="number" name="sal" min="1000" required>

                    <br><br>

                     <input type = "submit"  value="SUBMIT" >

                </center>

            </form>

            <!-- FORM ENDS HERE -->

        </body>

    </html>

PHP File

<?php

    //getting values entered in the html form

    $na=$\_POST["nam"];

    $des=$\_POST["desig"];

    $basic=$\_POST["sal"];

    $hra=0.25\*$basic;

    switch($des)

    {

        //assigning of conveyance and extra allowance for employees of each designation

        case 'manager':

                        $ca=1000;

                        $ea=500;

                        break;

        case 'supervisor':

                         $ca=750;

                        $ea=200;

                        break ;

        case 'clerk':

                     $ca=500;

                    $ea=100;

                    break;

        case 'peon':

                    $ca=250;

                    $ea=0;

                    break;

    }

$gross=$basic+$ca+$ea+$hra;

    if($gross<=2000)

        $it=0;

    elseif($gross<=4000)

        $it=$gross\*0.03;

    elseif($gross<=5000)

        $it=$gross\*0.05;

    else

        $it=$gross\*0.08;

    $net=$gross-$it;

    echo"

        <table border=1 rules=all width=50%>

        <tr><td colspan=2 align=center><strong>PAY SLIP</strong></td></tr>

        <tr><td width=50%>Employee Name</td>

        <td width=50%>$na</td></tr>

        <tr><td width=50%>Designation</td>

        <td width=50%> $des</td></tr>

        <tr>

        <td>Salary Component</td><td>Amount(in Rs)</td>

        <tr><td>Basic Salary</td>  <td>$basic</td></tr>

        <tr><td>Conveyence Allowance</td>  <td>$ca</td></tr>

        <tr><td>Extra Allowance</td>  <td>$ea</td></tr>

        <tr><td>House Rent Allowance</td>  <td>$hra</td></tr>

        <tr><td> Gross Salary</td><td>$gross</td>

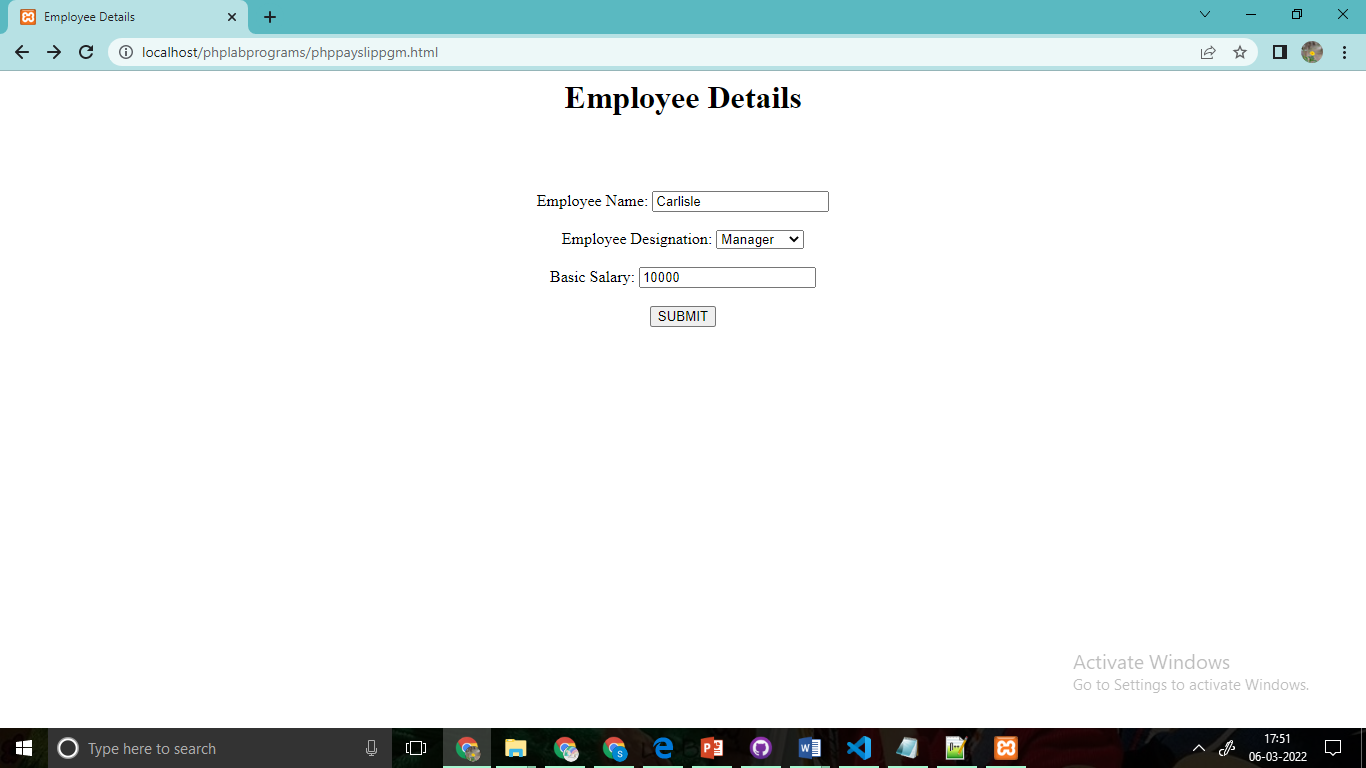
        <tr><td> Income Tax Deduction</td><td>$it</td>

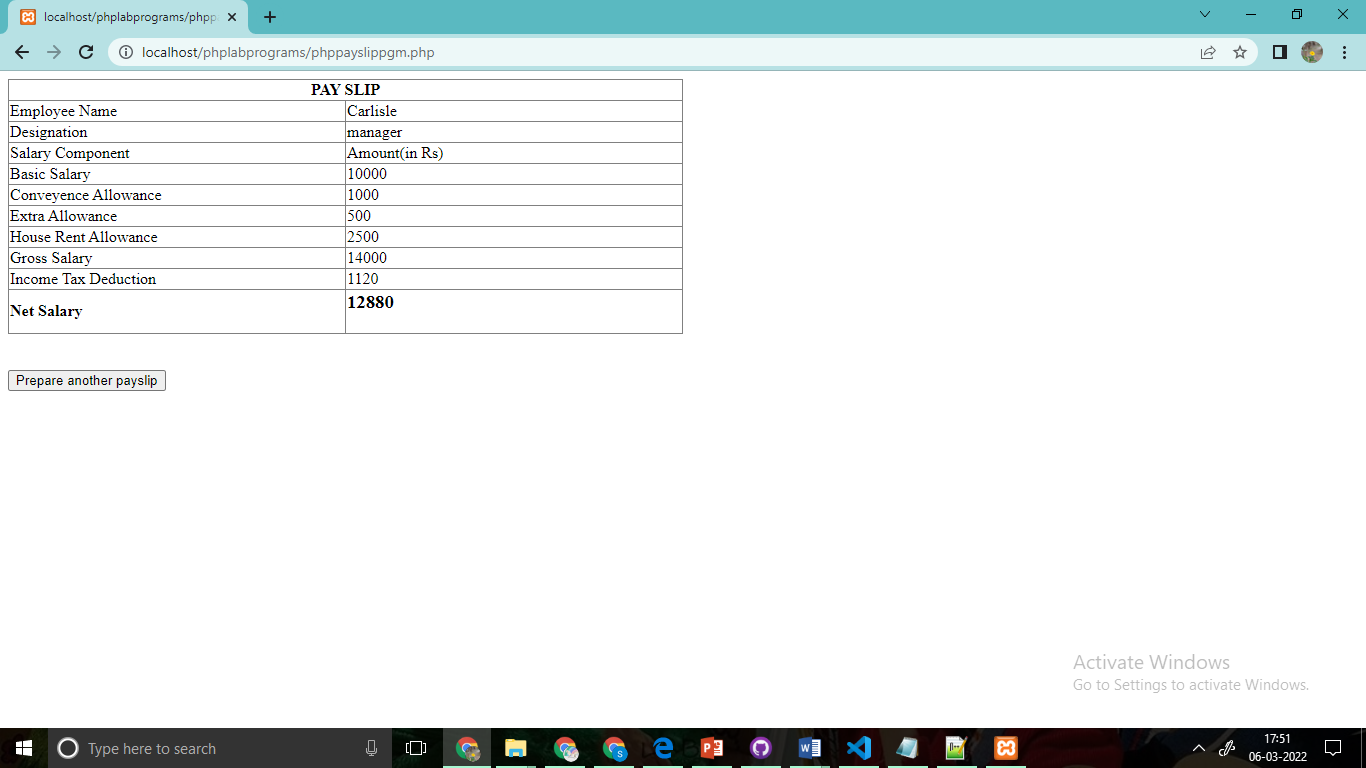
        <tr><td ><strong> Net Salary</strong></td><td><h3>$net</h3></td></tr></table>";

?><br><br>

<input type=button  value="Prepare another payslip" onclick="parent.location='phppayslippgm.html'">

Output





|  |
| --- |
| **PROGRAM #18 06-03-2022** |
| Write a PHP program to print the Fibonacci series upto a limit. |

Program code

HTML File

<!doctype html>

    <html>

        <head>

            <title>fibonacci series upto a  given number</title>

        </head>

        <body>

            <center>

            <h1>FIBONACCI SERIES UPTO A GIVEN NUMBER</h1>

            <form method="post" action="phpfibonaccipgm.php">

                Enter the limit:

                    <input type="number" min="0" name="number">

                    <br><br>

                    <input type="submit" value="submit">

                    <input type="reset" value="reset">&nbsp;&nbsp;&nbsp;&nbsp;

            </form>

            </center>

        </body>

    </html>

PHP File

<?php

    $n=$\_POST['number'];

    $n1=0;

    $n2=1;

    $n3=0;

    echo "Fibonacci series up to $n is:\n";

    echo $n1.' '.$n2.' ';

    while($n3<$n)

    {

        $n3=$n1+$n2;

        if($n3<$n)

        echo "$n3 ";

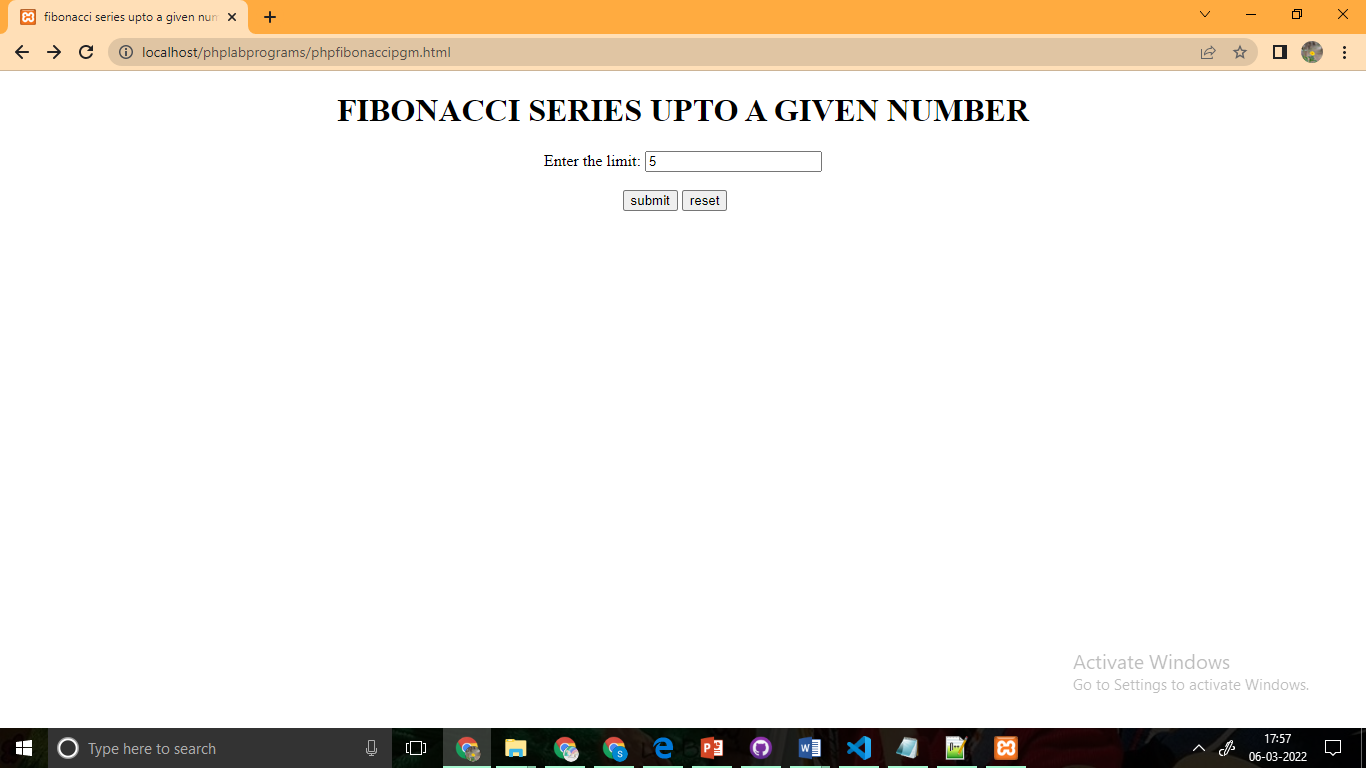
        $n1=$n2;

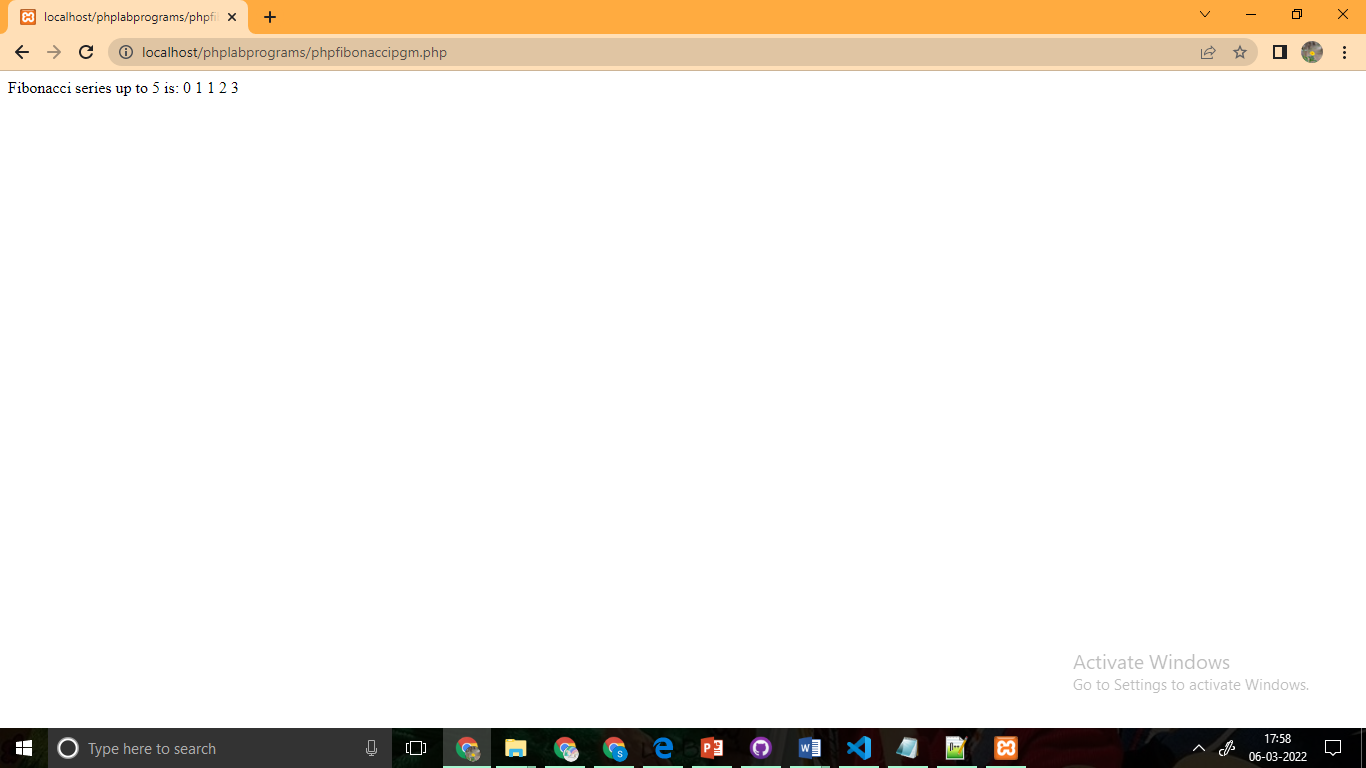
        $n2=$n3;

    }

?>

Output





|  |
| --- |
| **PROGRAM #19 06-03-2022** |
| Write an XML program to implement listbox. |

Program code

HTML File

<html>

<head><title>Fruits Type</title>

<body>

<form action="phplistboxpgm.php" method="post">

<center>

<h3>Select the fruits of your choice </h3>

<select name="fruits[]"  multiple="multiple">

<option value="Apple"> Apple</option>

<option value="Peach"> Peach</option>

<option value="Cherry"> Cherry </option>

<option value="Raspberry">Raspberry</option>

<option value="Blackberry">Blackberry</option>

<option value="Pineapple">Pineapple</option>

<option value="Strawberry">Strawberry</option>

<option value="Pineapple">Pineapple</option>

<option value="Jackfruit">Jackfruit

</option>

</select>

<input type=submit name=submit value="Submit Your Choice" >

</center>

</form>

</body>

</html>

PHP File

<?php

echo 'You have chosen these fruits :';

foreach ($\_POST['fruits'] as $fruits)

{

echo $fruits. ' <br>';

}

?>

Output

