**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

#### DEPARTMENT OF COMPUTER SCIENCE

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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    : 

**Table of Contents           Page No**

|  |  |
| --- | --- |
| 1. |  |
| 2. |  |
| 3. |  |
| 4. |  |
| 5. |  |
| 6. |  |
| 7. |  |
| 8. |  |
| 9. |  |
| 10. |  |
| 11. |  |
| 12. |  |
| 13. |  |
| 14. |  |
| 15. |  |
| 16. |  |
| 17. |  |
| 18. |  |
| 19. |  |
| 20. |  |
| 21. |  |
| 22. |  |
| 23. |  |
| 24. |  |
| 25. |  |
| 26. |  |
| 27. |  |
| 28. |  |
| 29. |  |

|  |
| --- |
| **PROGRAM #1 06-03-2022** |
| Write a HTML program to validate a form. |

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" >

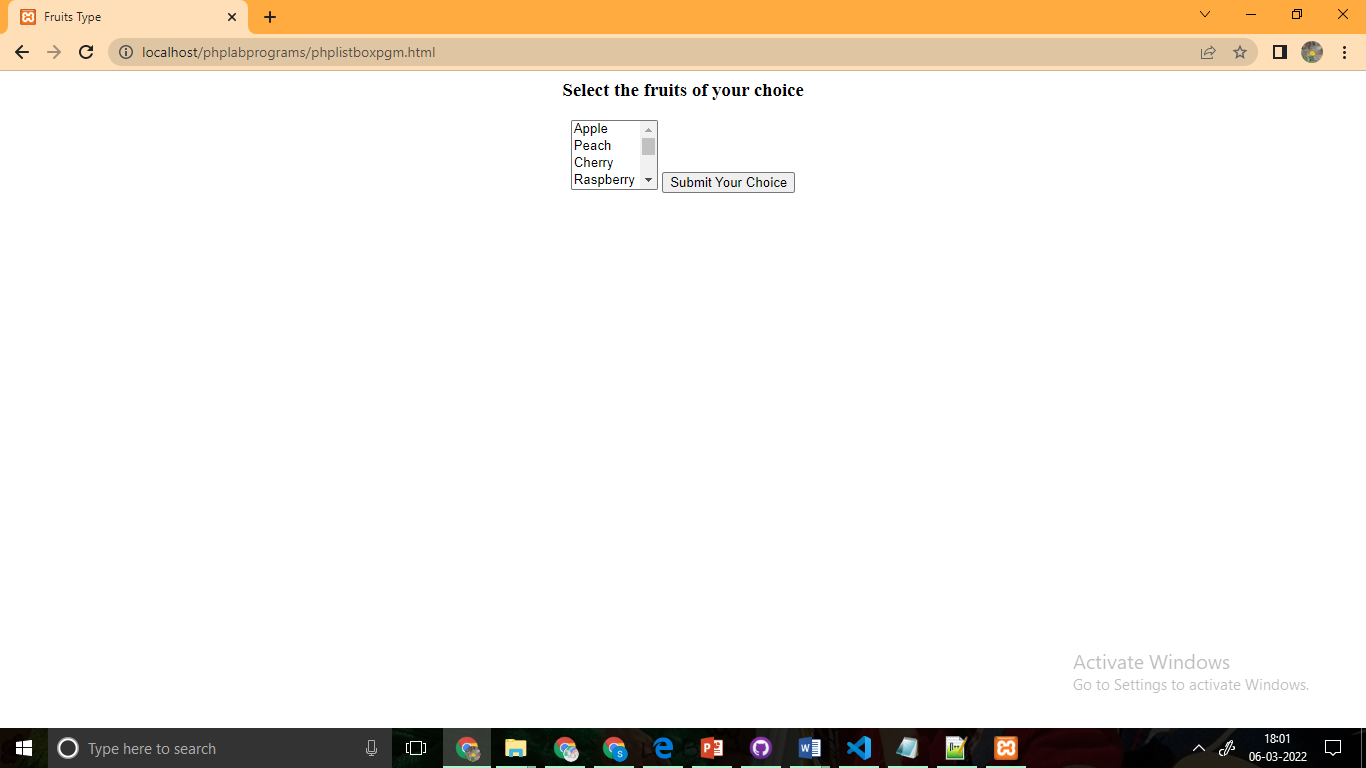
</center>

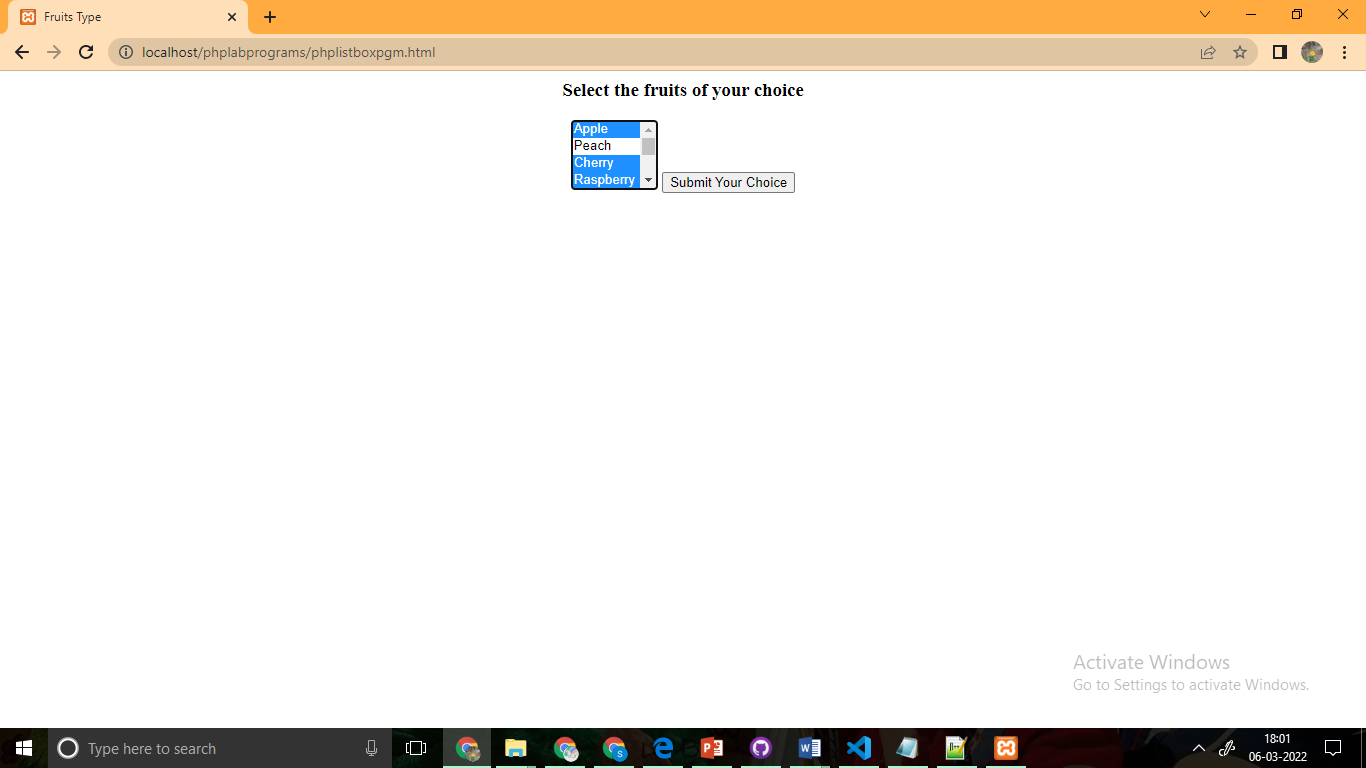
</form>

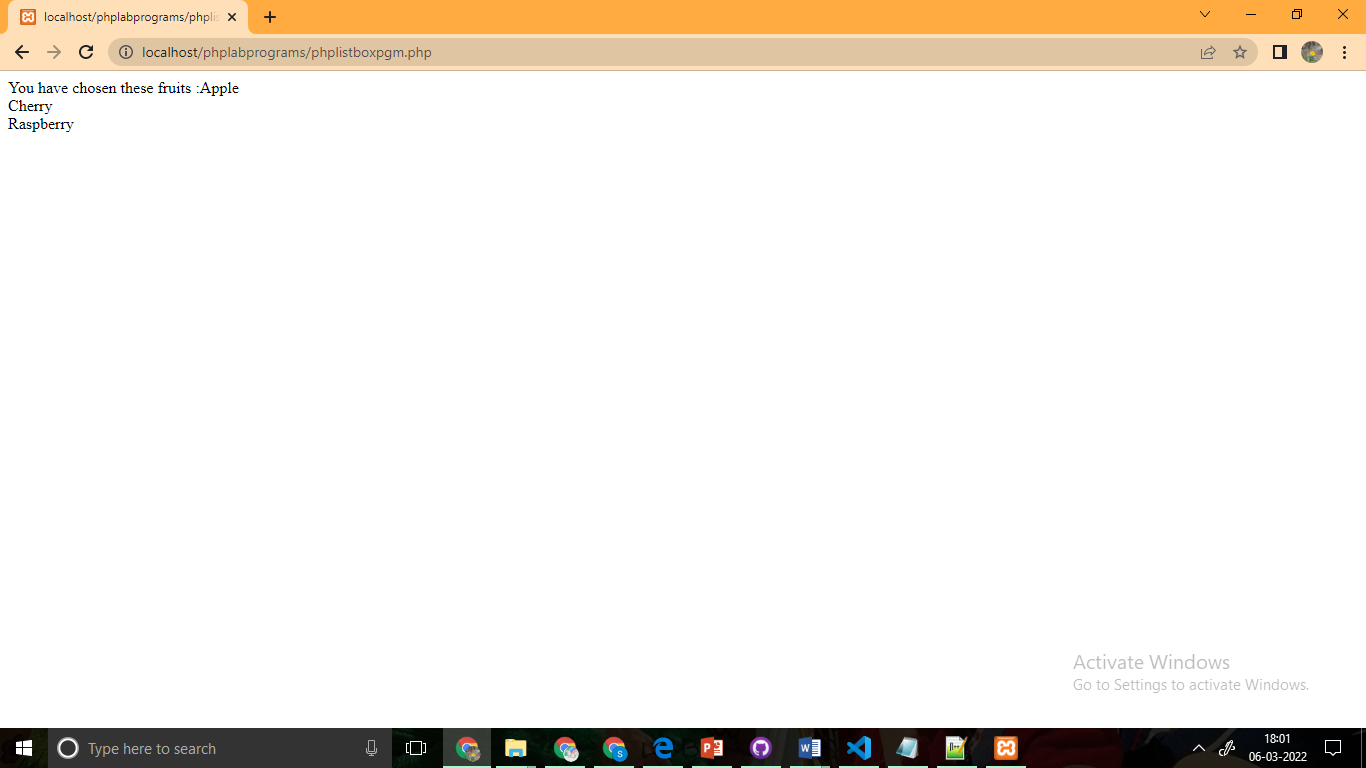
</body>

</html>

Output







|  |
| --- |
| **PROGRAM #2 06-03-2022** |
| Write a HTML program to implement a basic calculator. |

Program code

HTML File

<!doctype html>

    <html>

        <head>

            <title>Basic Calculator</title>

            <style>

                button {

                width:50%;

                height: 70px;

                background-color: #f2796e;

                border: 2px solid #f2796e;

                border-radius: 8px;

                color: #fff;

                font-size: 20px;

                cursor: pointer;

                padding-bottom:20px;

                box-shadow: 2px 2px 4px rgba(0, 0, 0, 0.1);

                transition: all 0.1s ease;

}

h1{

    color: #f2796e;

}

body{

    text-align: center;

}

button:hover {

  opacity: 0.8;

}

            </style>

        </head>

        <body>

            <centre>

            <h1>BASIC OPERATIONS ON NUMBERS</h1>

            <form>

            <h3>Enter the First number : <input id="first"></h3><br><br>

            <h3>Enter the Second number: <input id="second"></h3><br><br>

            </form>

            <button onclick="add()"><h3>Add</h3></button><br><br>

            <button onclick="subtract()"><h3>Subtract</h3></button><br><br>

            <button onclick="multiply()"><h3>Multiply</h3></button><br><br>

            <button onclick="divide()"><h3>Divide</h3></button><br><br>

            <p id="answer"></p>

        </centre>

            <script>

                function add(){

                var a,b,c;

                a=Number(document.getElementById("first").value);

                b=Number(document.getElementById("second").value);

                c= a + b;

                document.getElementById("answer").innerHTML= "The sum is:" + c;

                }

                function subtract(){

                var a,b,c;

                a=Number(document.getElementById("first").value);

                b=Number(document.getElementById("second").value);

                c= a - b;

                document.getElementById("answer").innerHTML= "The difference is:" + c;

                }

                function multiply(){

                var a,b,c;

                a=Number(document.getElementById("first").value);

                b=Number(document.getElementById("second").value);

                c= a \* b;

                document.getElementById("answer").innerHTML= "The product is:" + c;

                }

                function divide(){

                var a,b,c;

                a=Number(document.getElementById("first").value);

                b=Number(document.getElementById("second").value);

                c= a / b;

                document.getElementById("answer").innerHTML= "The quotient is:" + c;

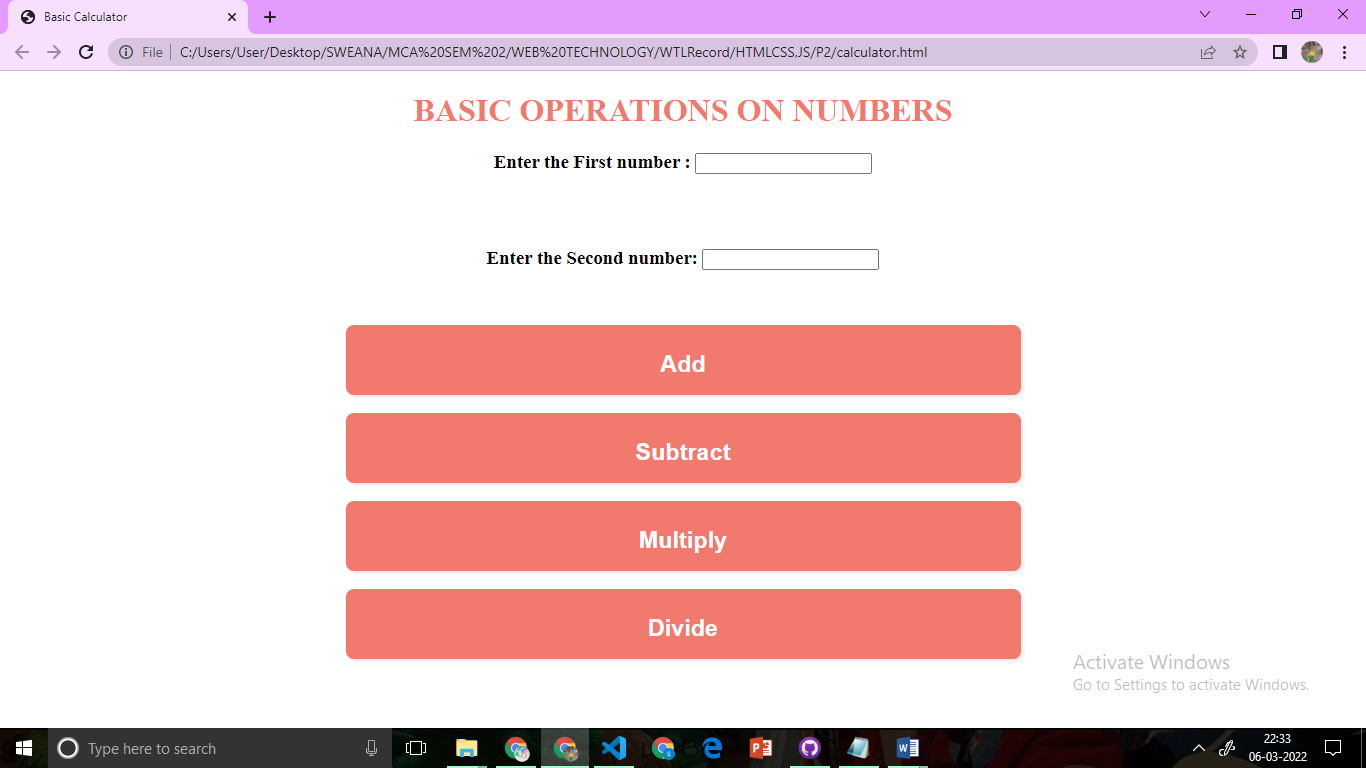
                }

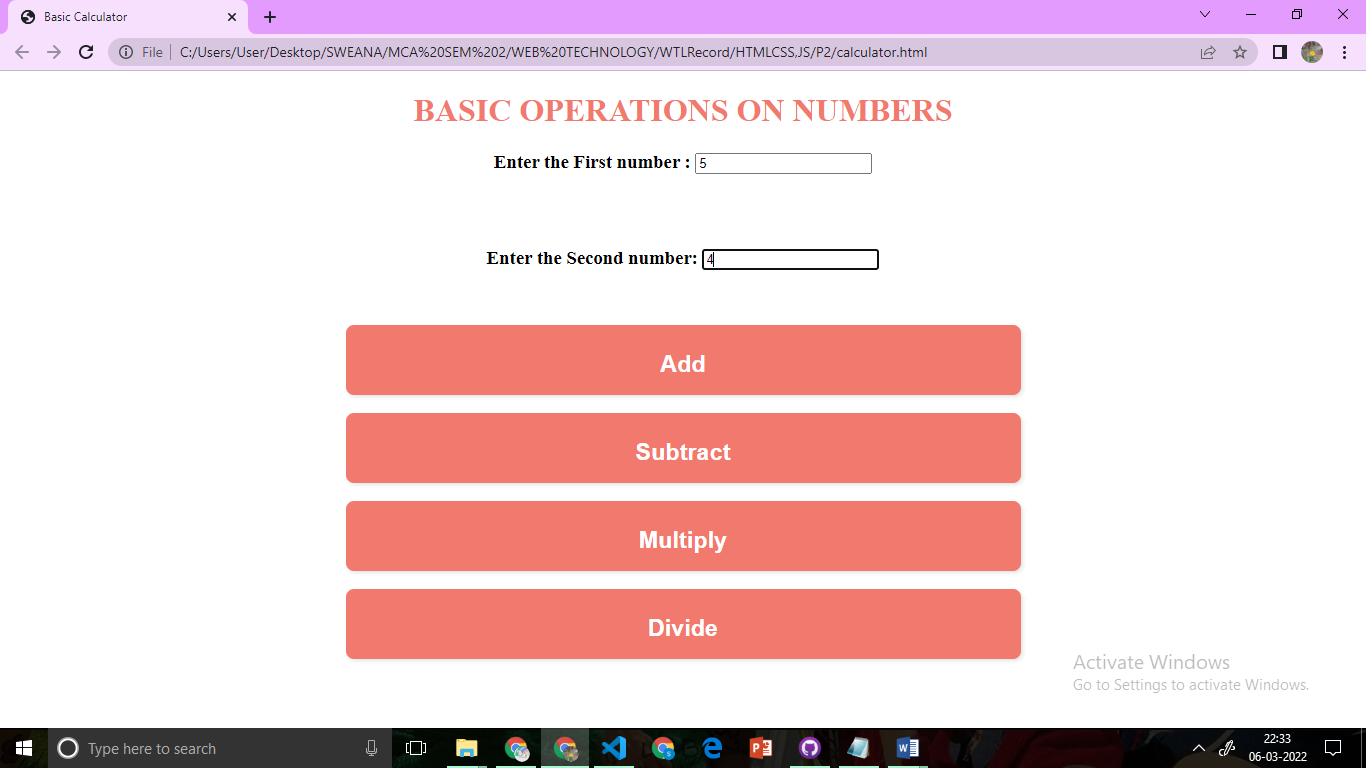
            </script>

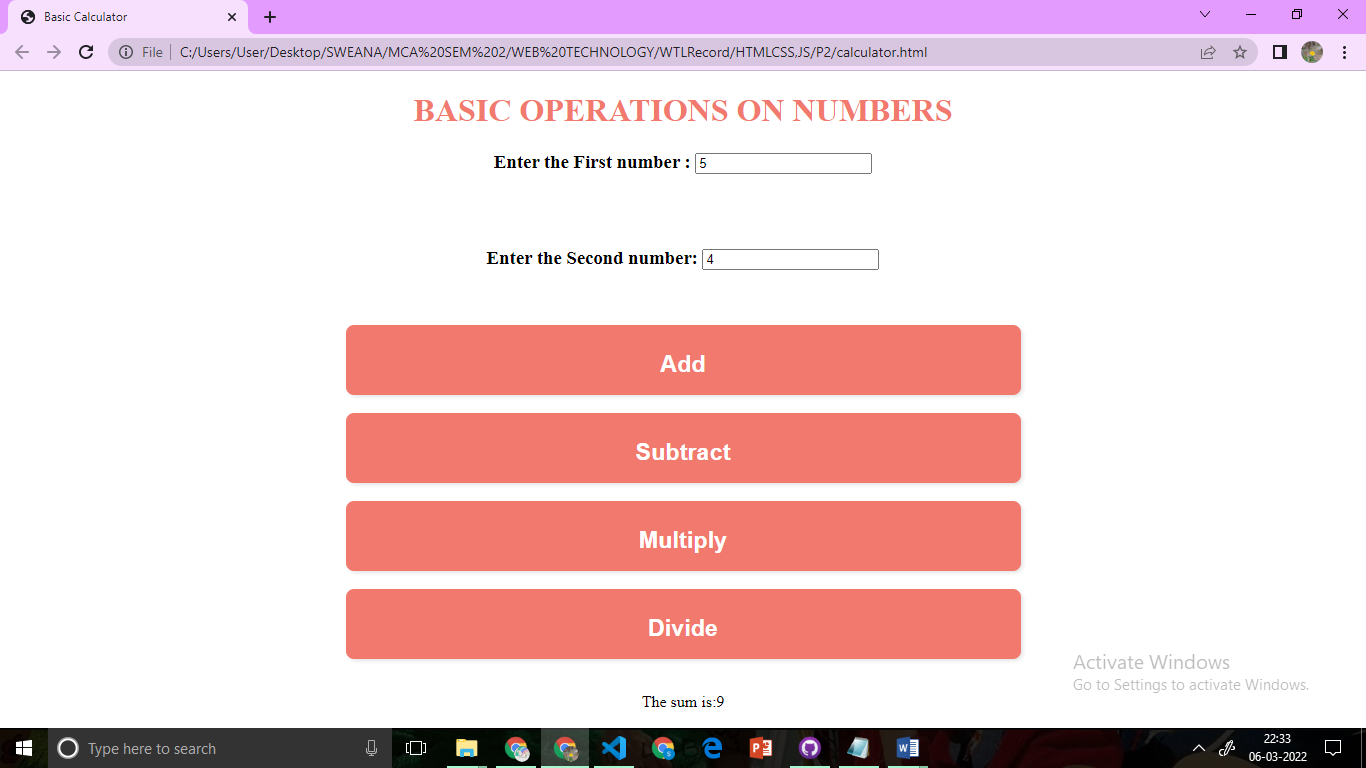
        </body>

    </html>

Output







|  |
| --- |
| **PROGRAM #3 06-03-2022** |
| Write a HTML program to change the background colors mentioned within the array. |

Program code

HTML File

<!doctype html>

    <html>

        <head>

            <title>Basic Calculator</title>

            <style>

                button {

                width:50%;

                height: 70px;

                background-color: #f2796e;

                border: 2px solid #f2796e;

                border-radius: 8px;

                color: #fff;

                font-size: 20px;

                cursor: pointer;

                padding-bottom:20px;

                box-shadow: 2px 2px 4px rgba(0, 0, 0, 0.1);

                transition: all 0.1s ease;

}

h1{

    color: #f2796e;

}

body{

    text-align: center;

}

button:hover {

  opacity: 0.8;

}

            </style>

        </head>

        <body>

            <centre>

            <h1>BASIC OPERATIONS ON NUMBERS</h1>

            <form>

            <h3>Enter the First number : <input id="first"></h3><br><br>

            <h3>Enter the Second number: <input id="second"></h3><br><br>

            </form>

            <button onclick="add()"><h3>Add</h3></button><br><br>

            <button onclick="subtract()"><h3>Subtract</h3></button><br><br>

            <button onclick="multiply()"><h3>Multiply</h3></button><br><br>

            <button onclick="divide()"><h3>Divide</h3></button><br><br>

            <p id="answer"></p>

        </centre>

            <script>

                function add(){

                var a,b,c;

                a=Number(document.getElementById("first").value);

                b=Number(document.getElementById("second").value);

                c= a + b;

                document.getElementById("answer").innerHTML= "The sum is:" + c;

                }

                function subtract(){

                var a,b,c;

                a=Number(document.getElementById("first").value);

                b=Number(document.getElementById("second").value);

                c= a - b;

                document.getElementById("answer").innerHTML= "The difference is:" + c;

                }

                function multiply(){

                var a,b,c;

                a=Number(document.getElementById("first").value);

                b=Number(document.getElementById("second").value);

                c= a \* b;

                document.getElementById("answer").innerHTML= "The product is:" + c;

                }

                function divide(){

                var a,b,c;

                a=Number(document.getElementById("first").value);

                b=Number(document.getElementById("second").value);

                c= a / b;

                document.getElementById("answer").innerHTML= "The quotient is:" + c;

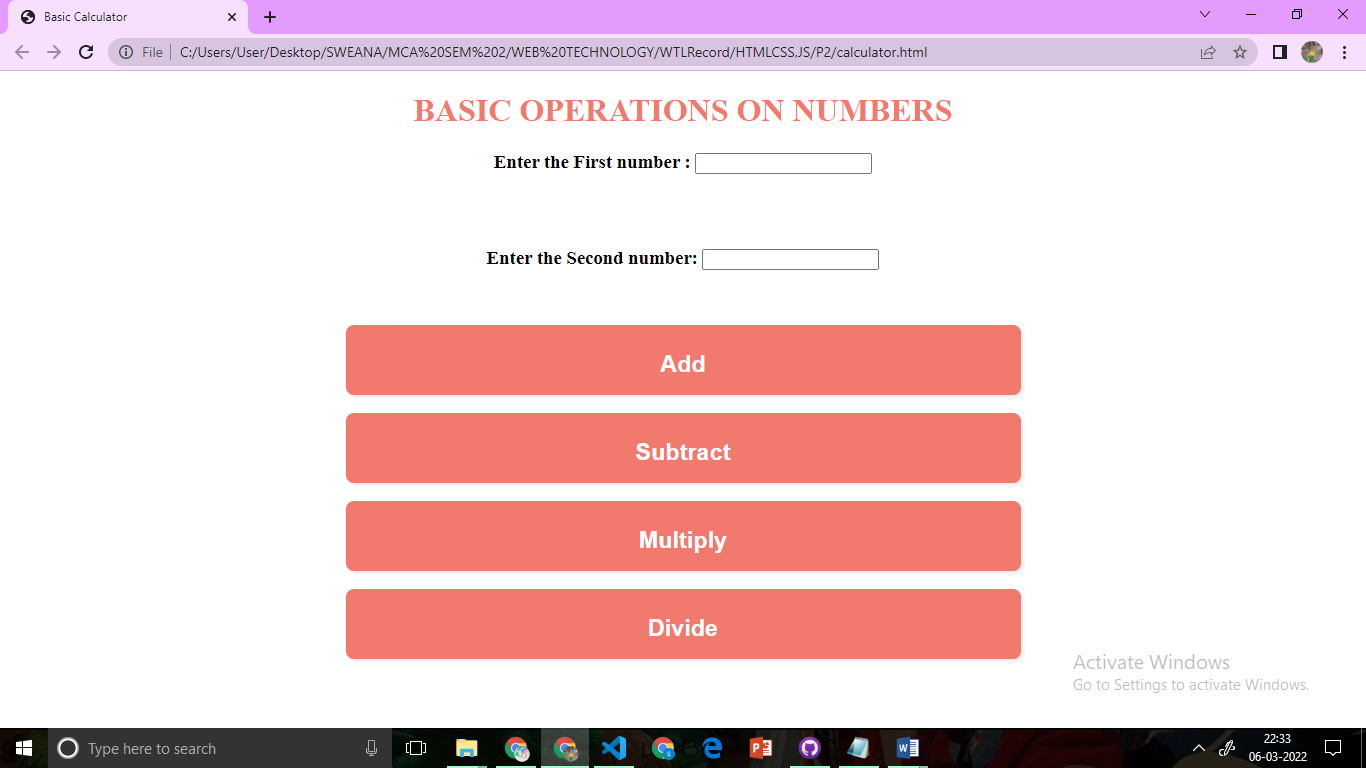
                }

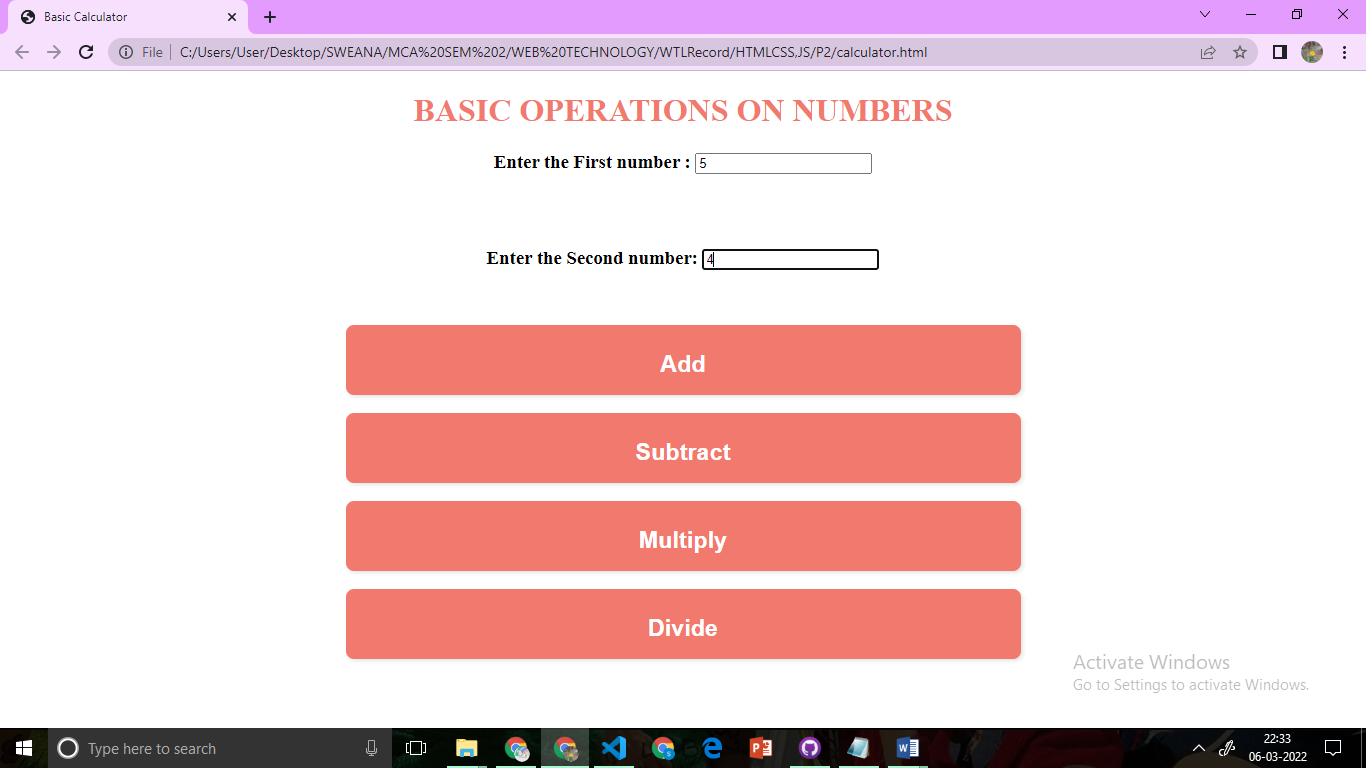
            </script>

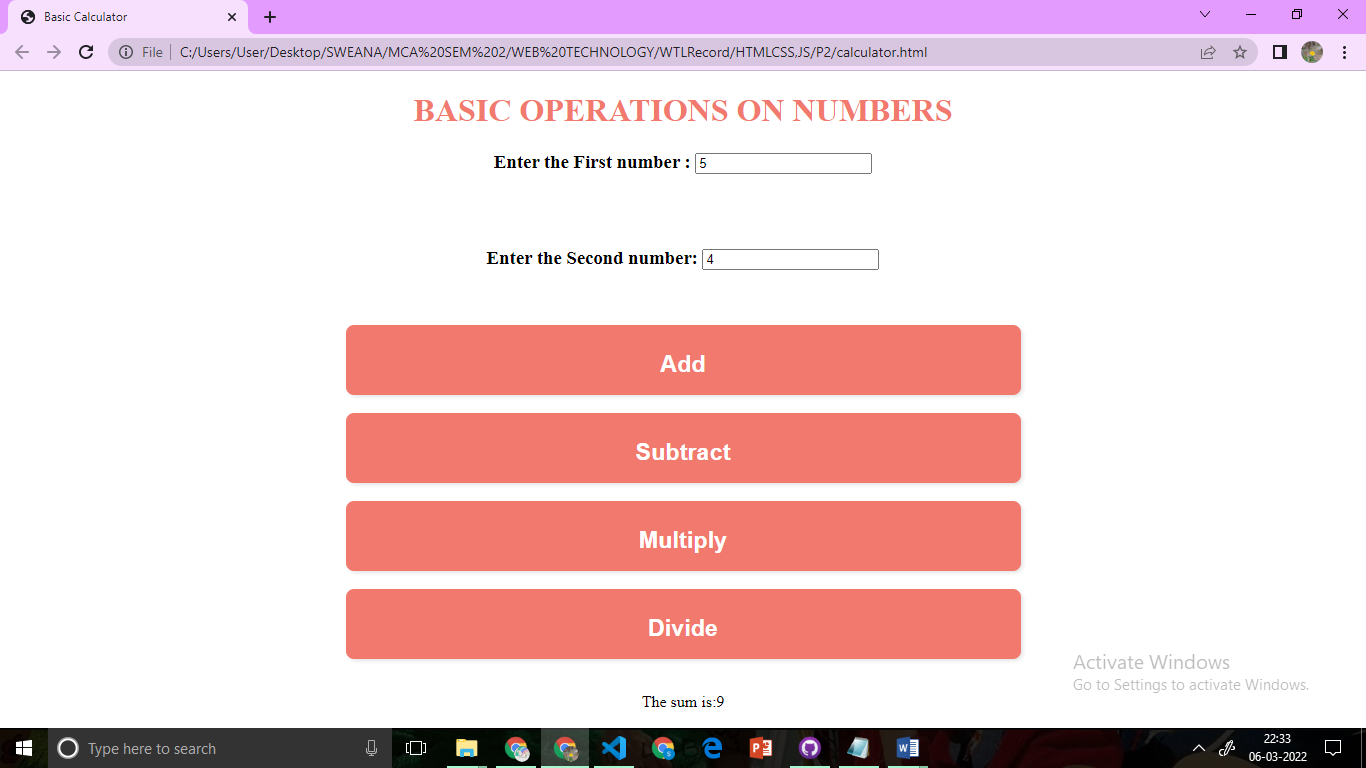
        </body>

    </html>

Output







|  |
| --- |
| **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>

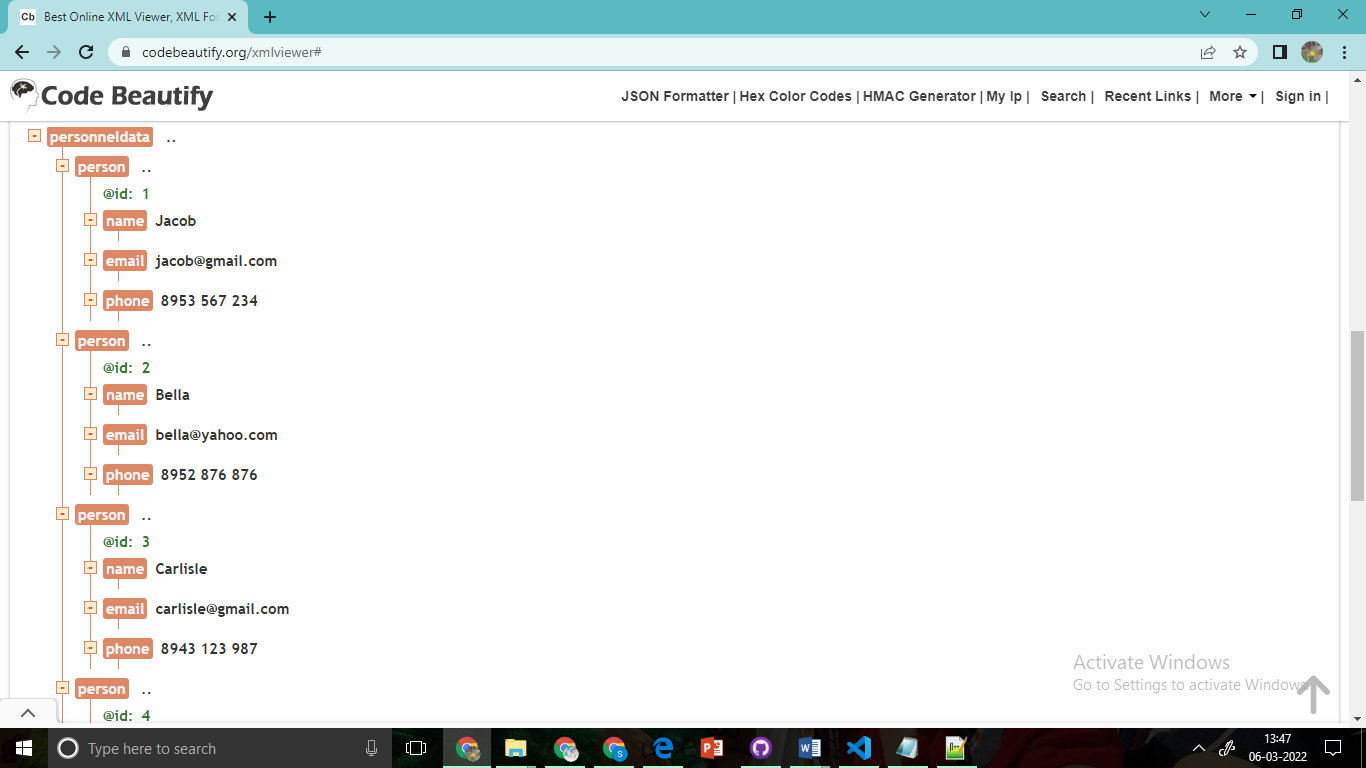
        <email>jasper@gmail.com</email>

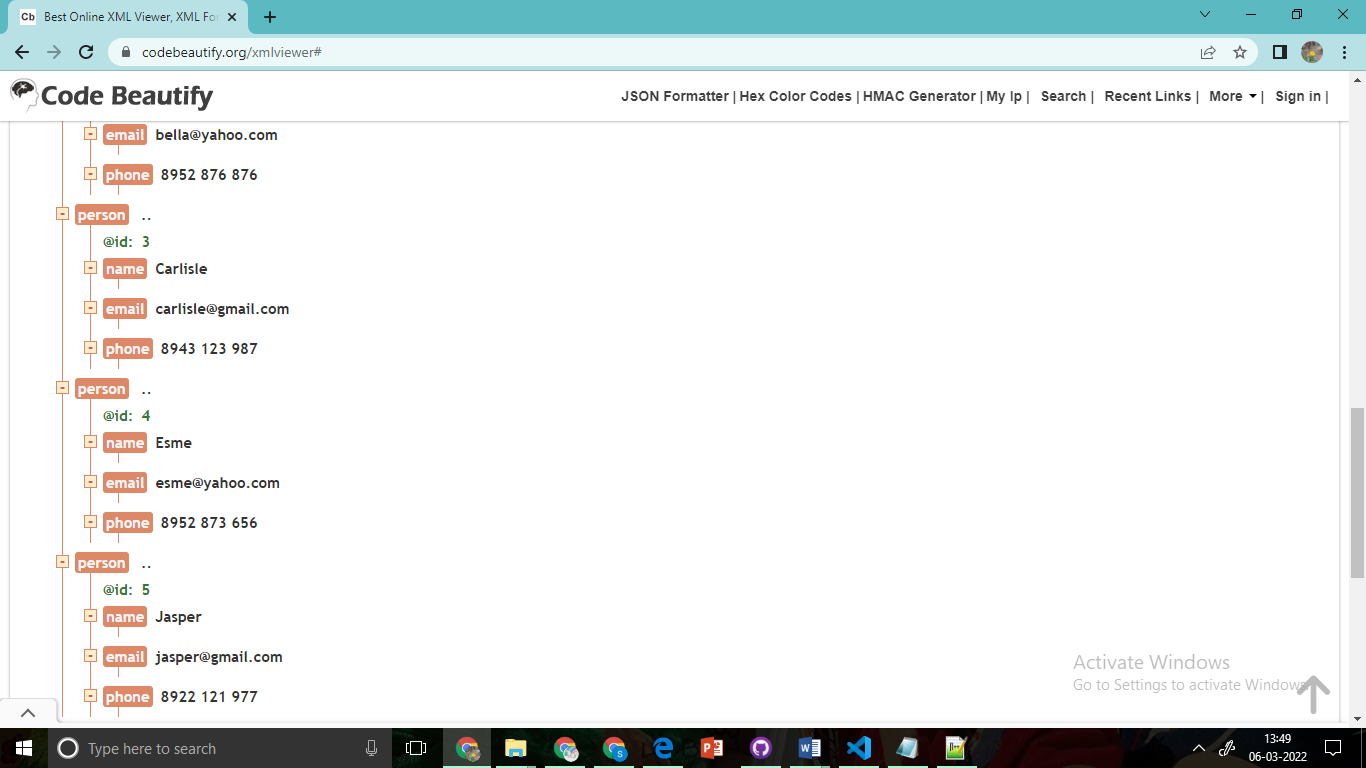
        <phone>8922 121 977</phone>

    </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>

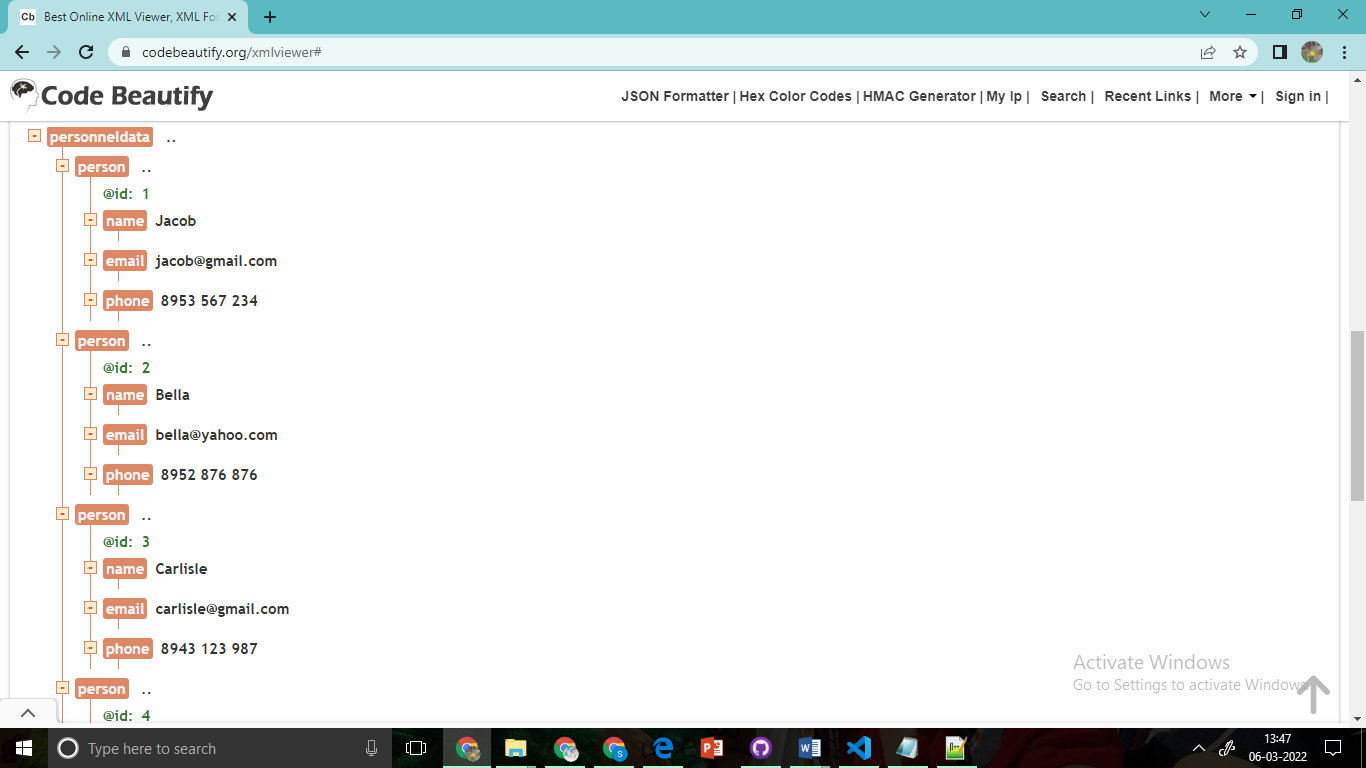
        <email>jasper@gmail.com</email>

        <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>

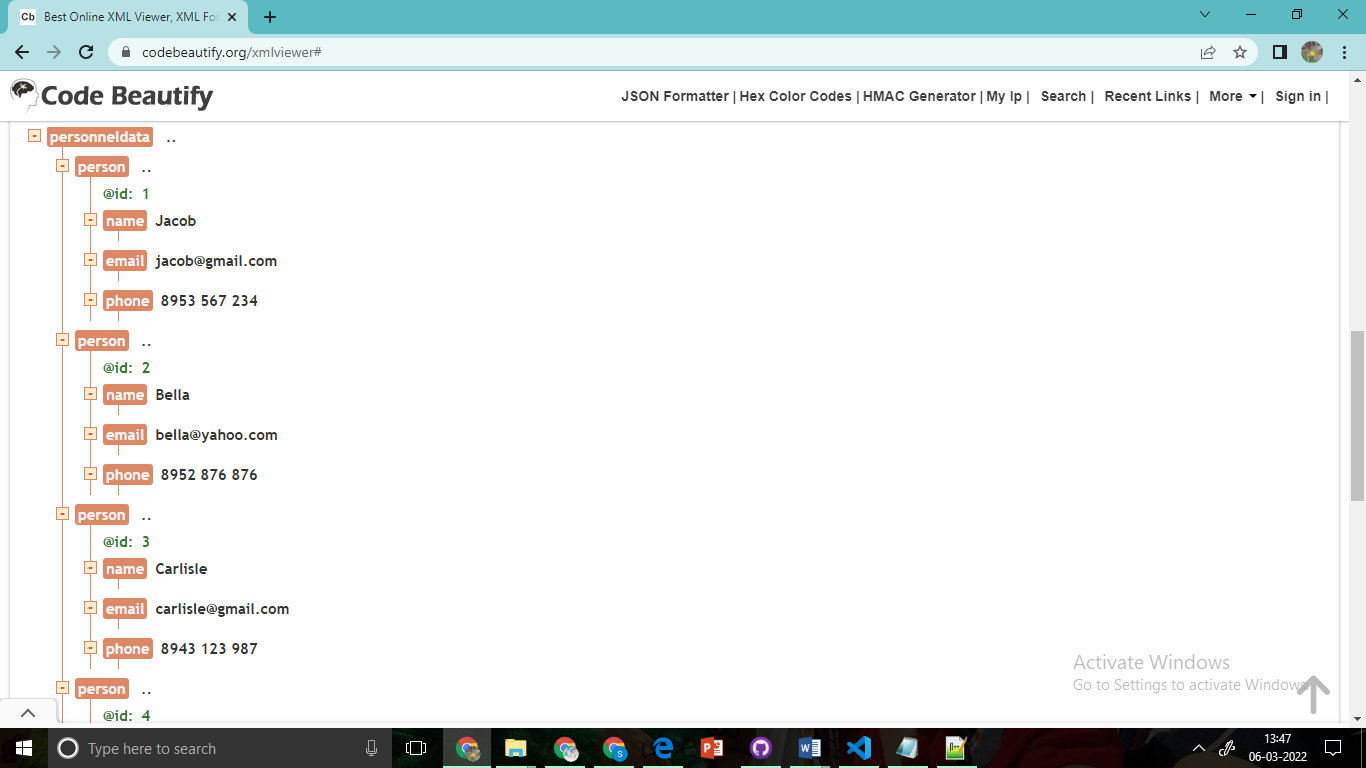
        <email>jasper@gmail.com</email>

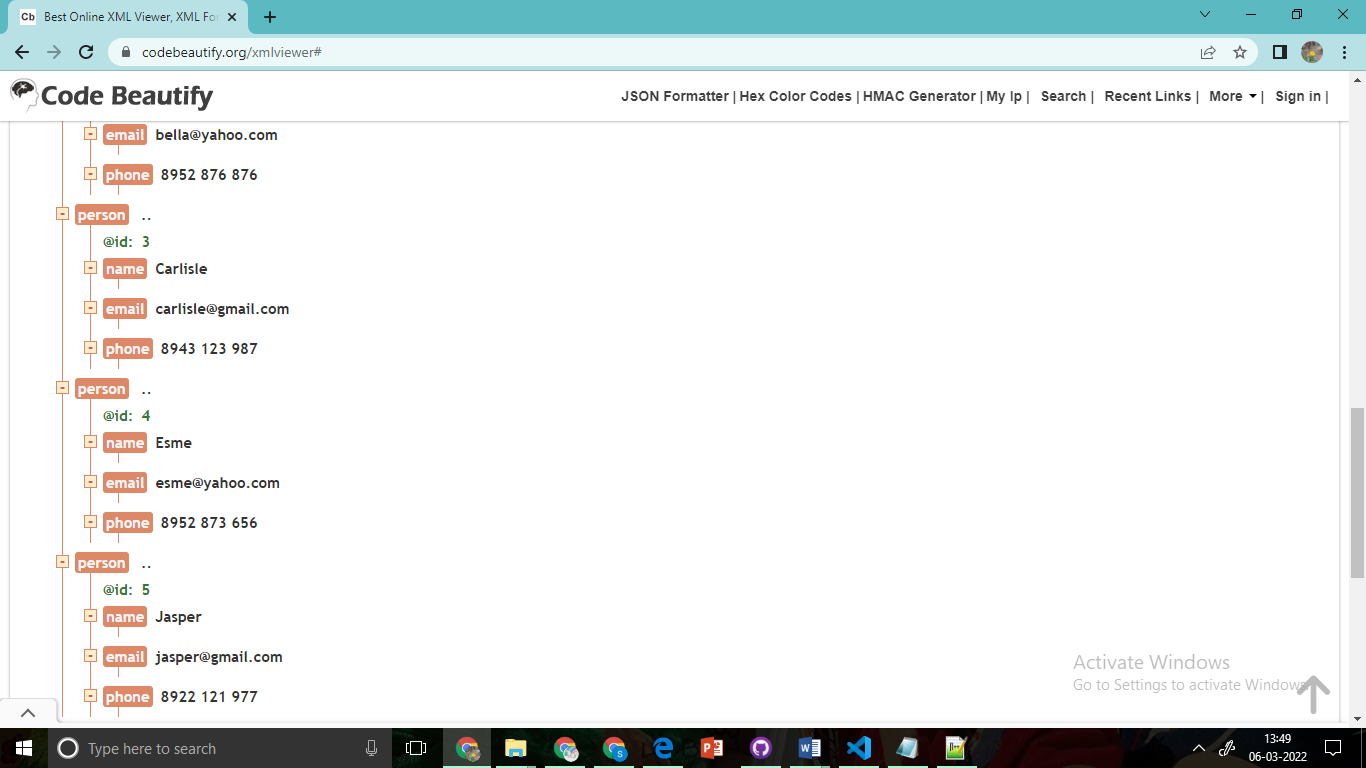
        <phone>8922 121 977</phone>

    </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>

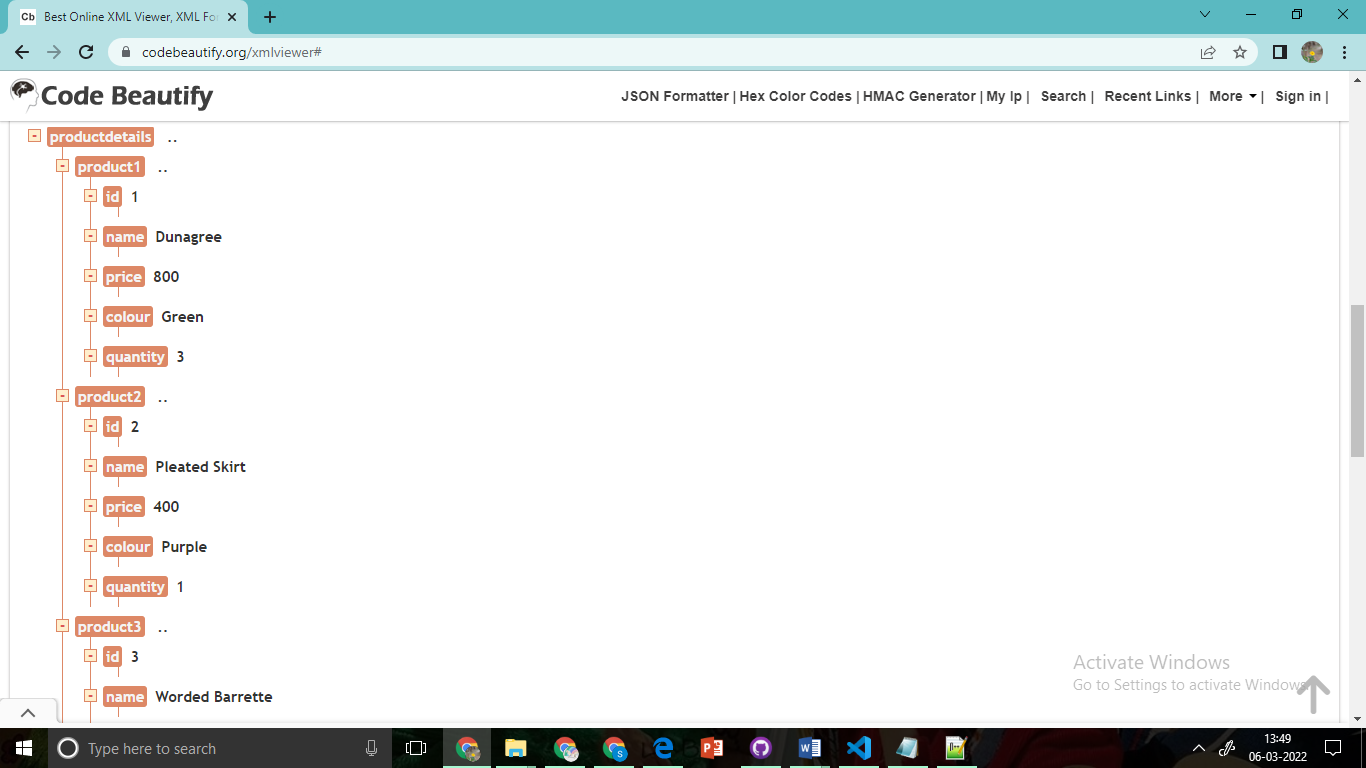
        <Colour>Orange</Colour>

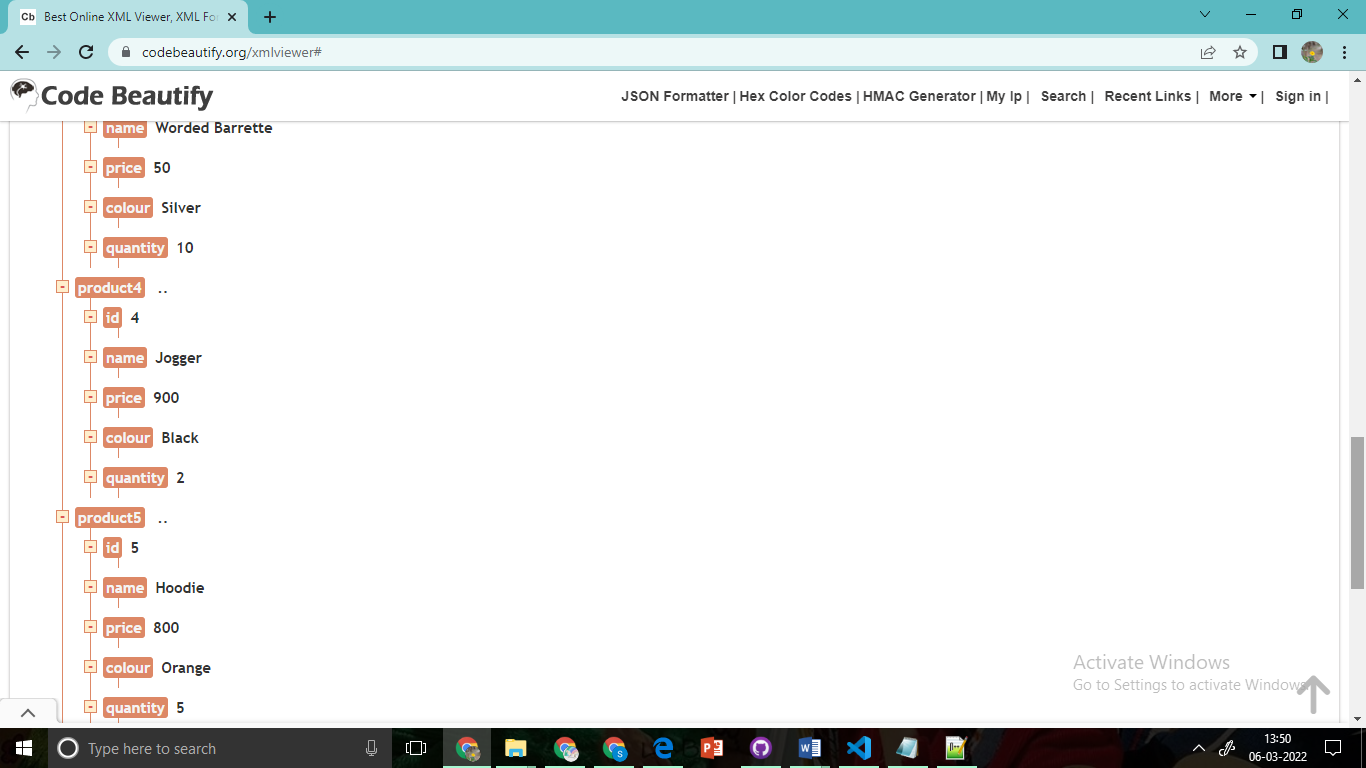
        <Quantity>5</Quantity>

    </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>

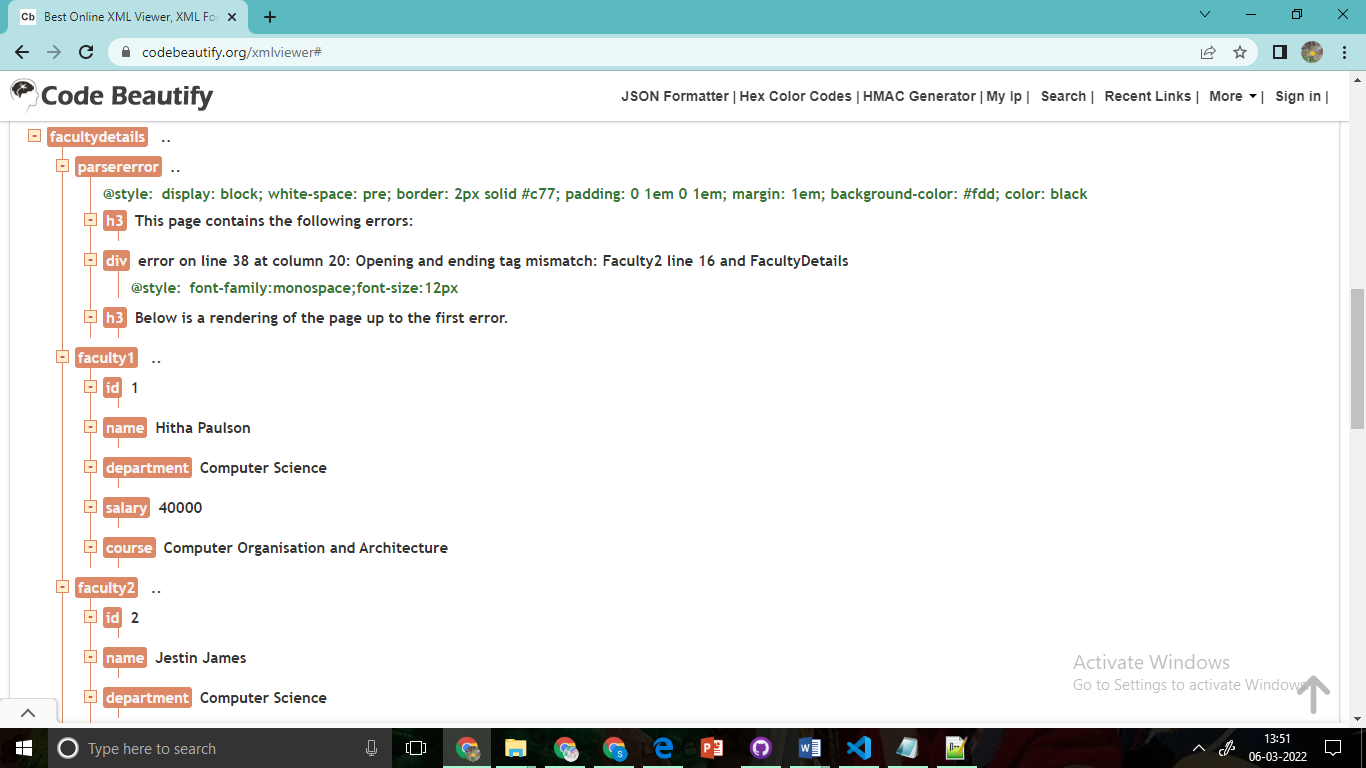
        <Salary>40000</Salary>

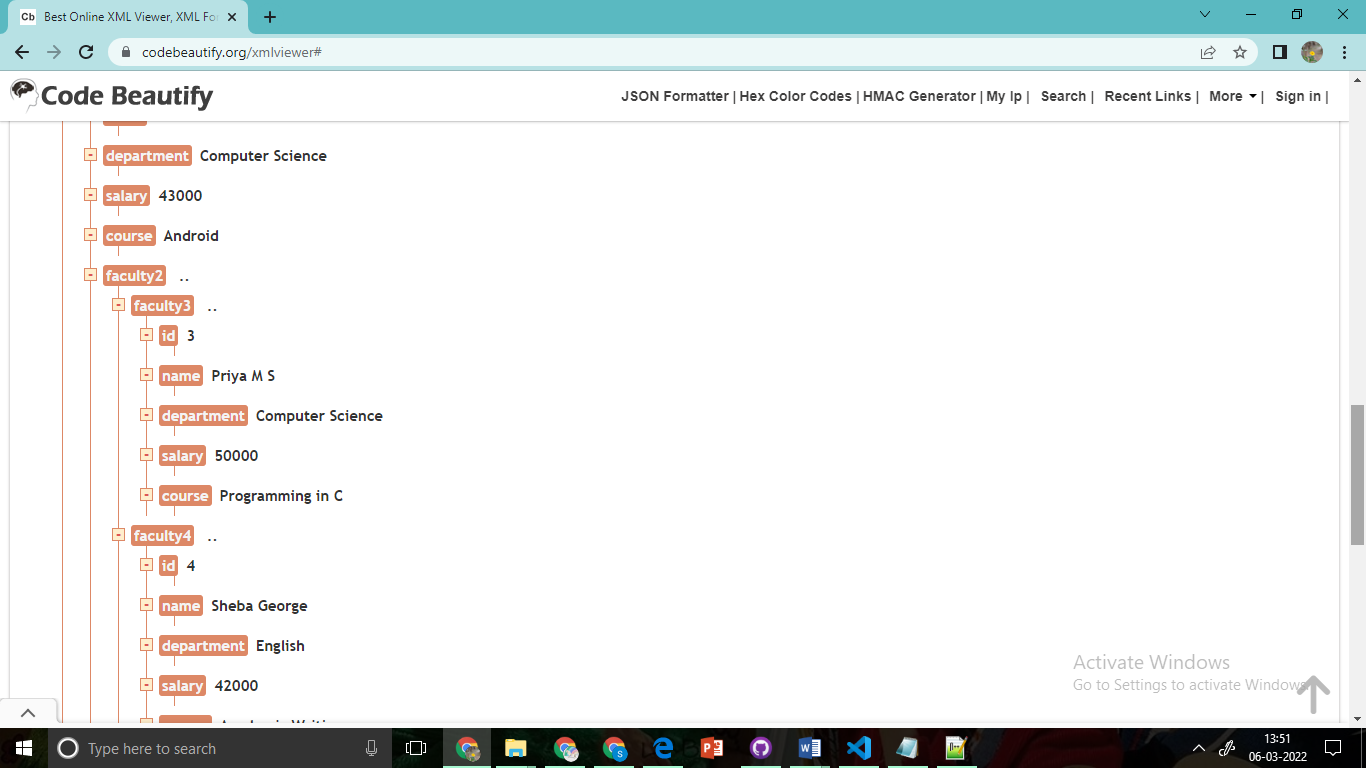
        <Course>Nuclear Physics</Course>

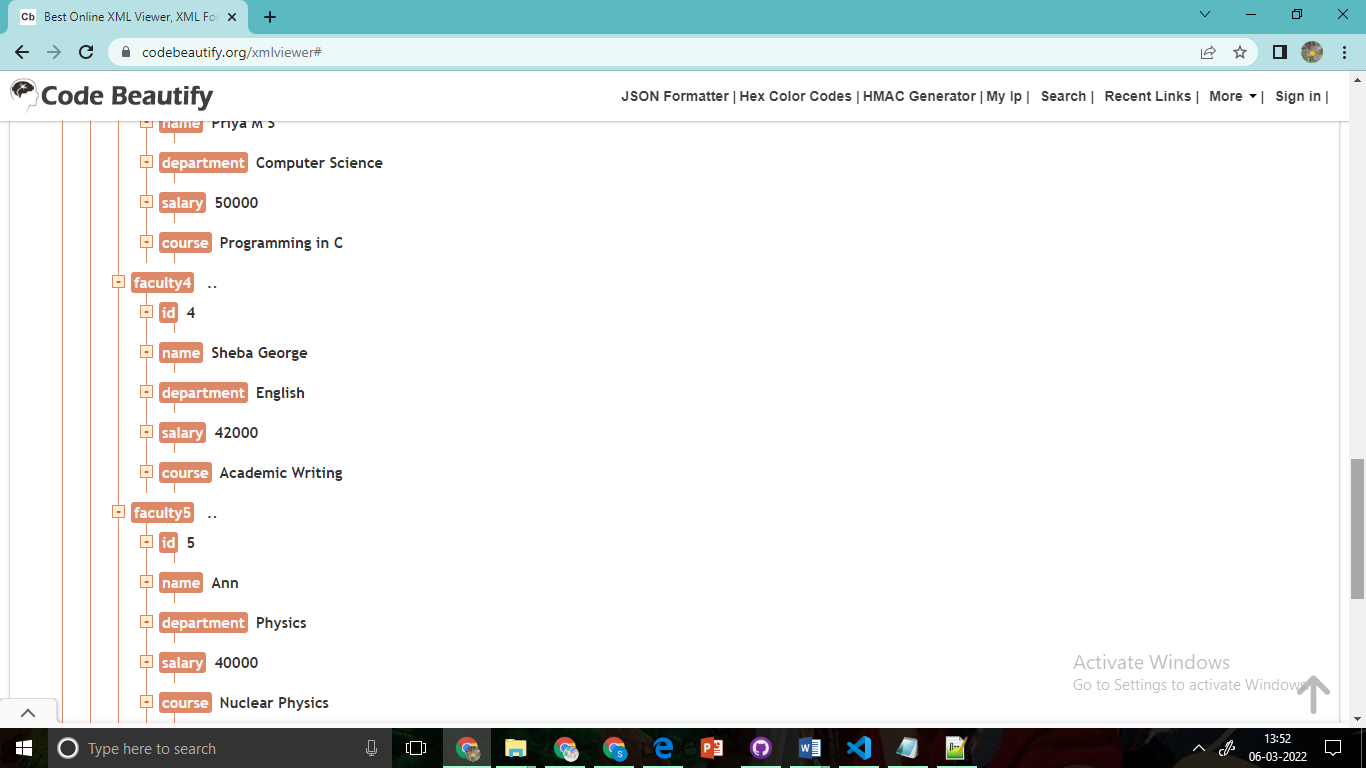
    </Faculty5>

</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>

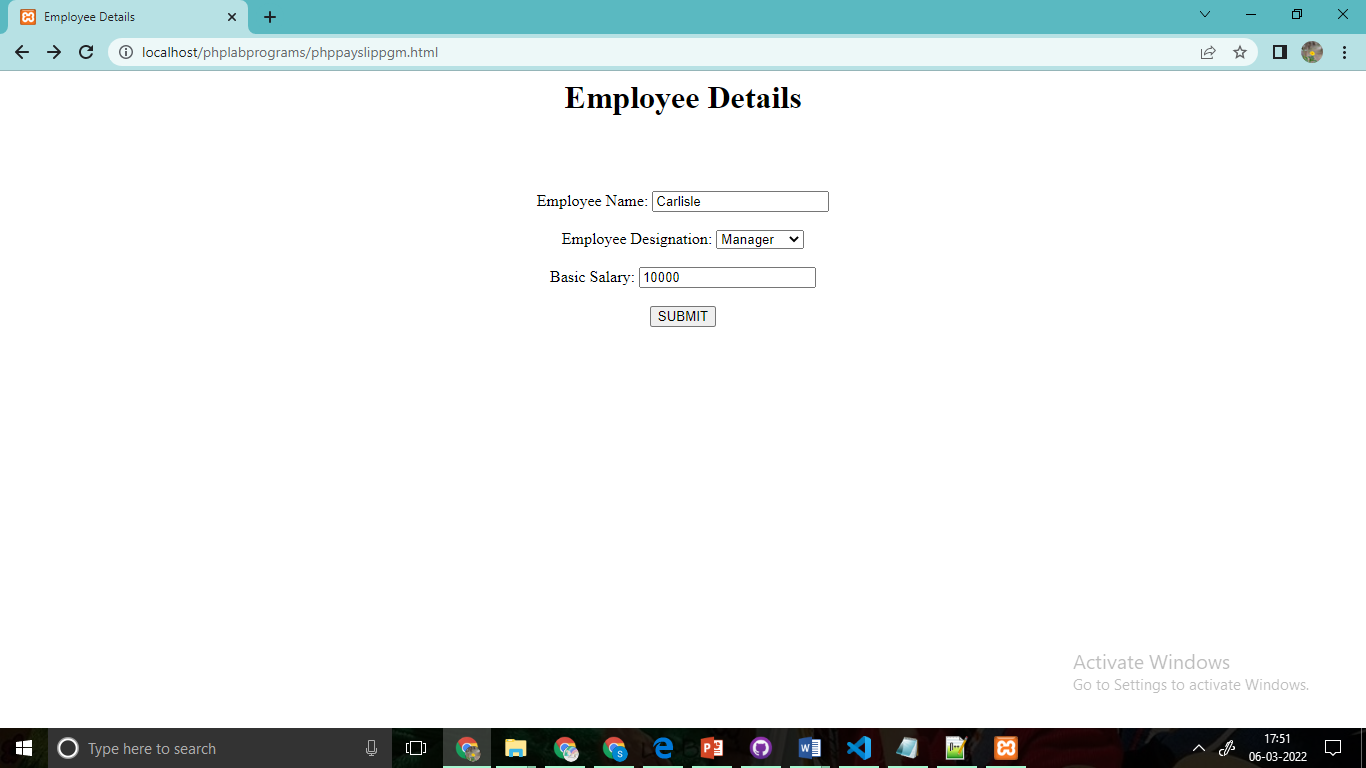
        <tr><td> Income Tax Deduction</td><td>$it</td>

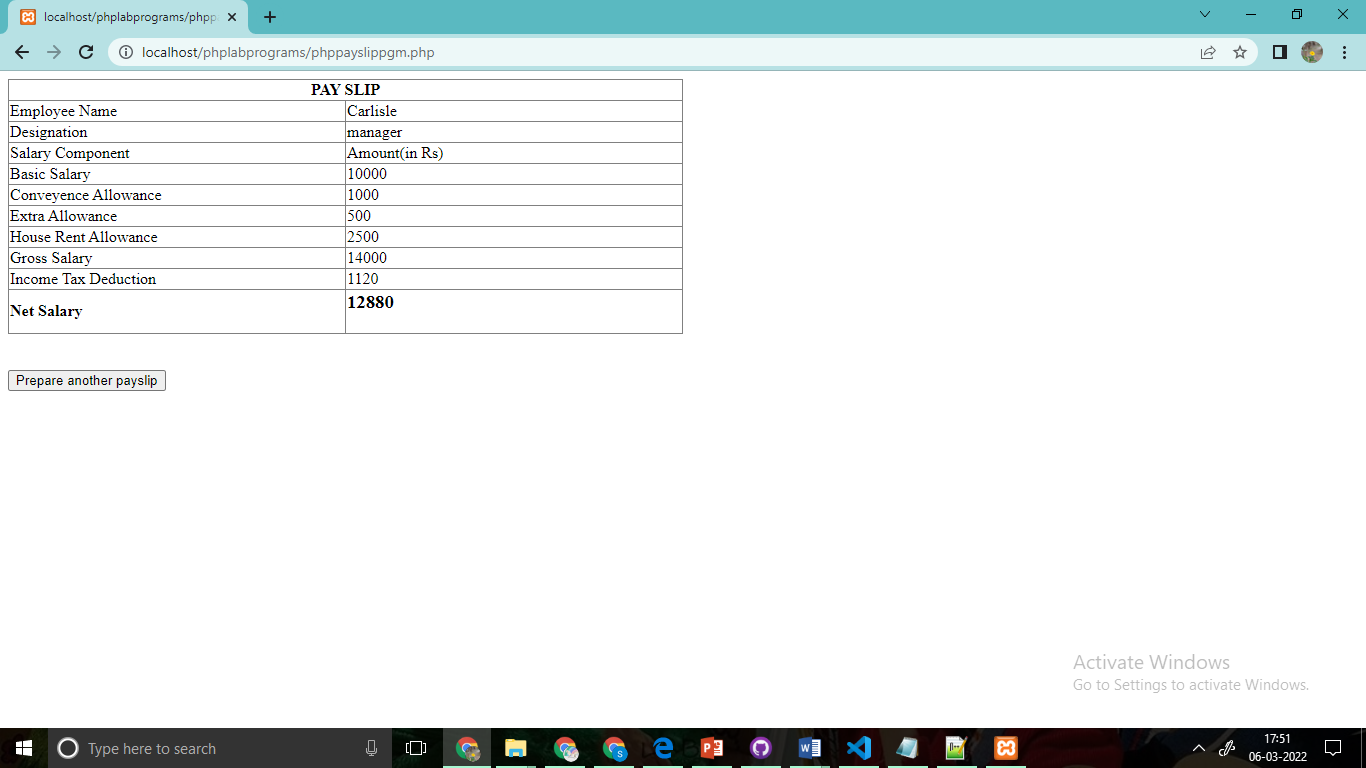
        <tr><td ><strong> Net Salary</strong></td><td><h3>$net</h3></td></tr></table>";

?><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 ";

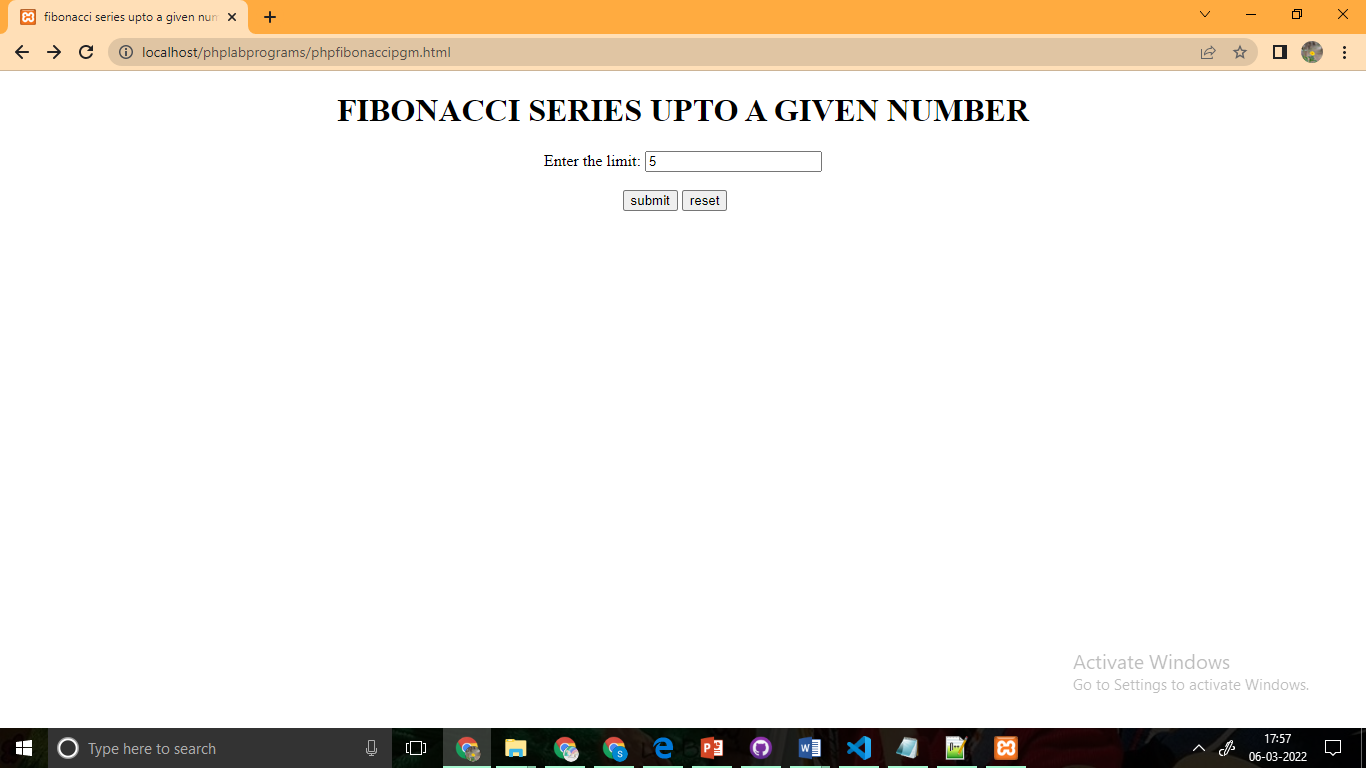
        $n1=$n2;

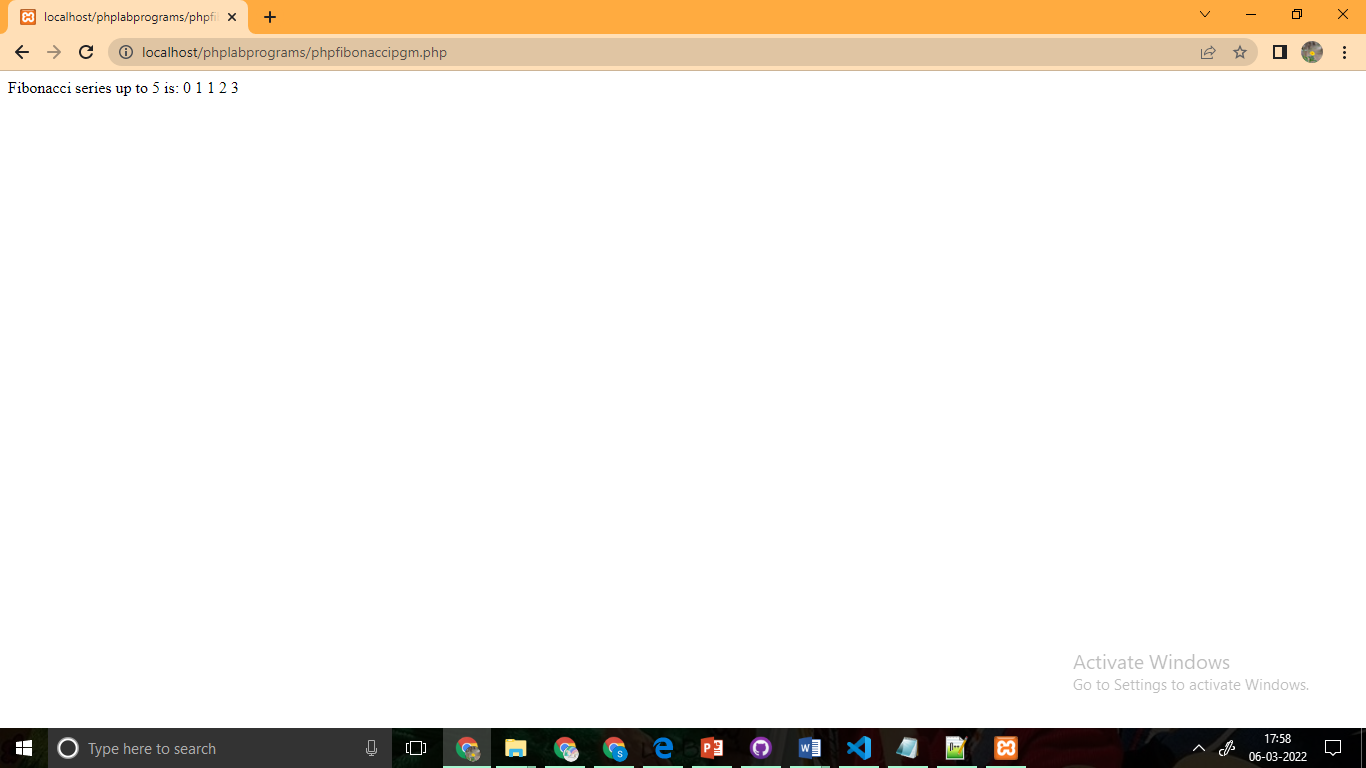
        $n2=$n3;

    }

?>

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)

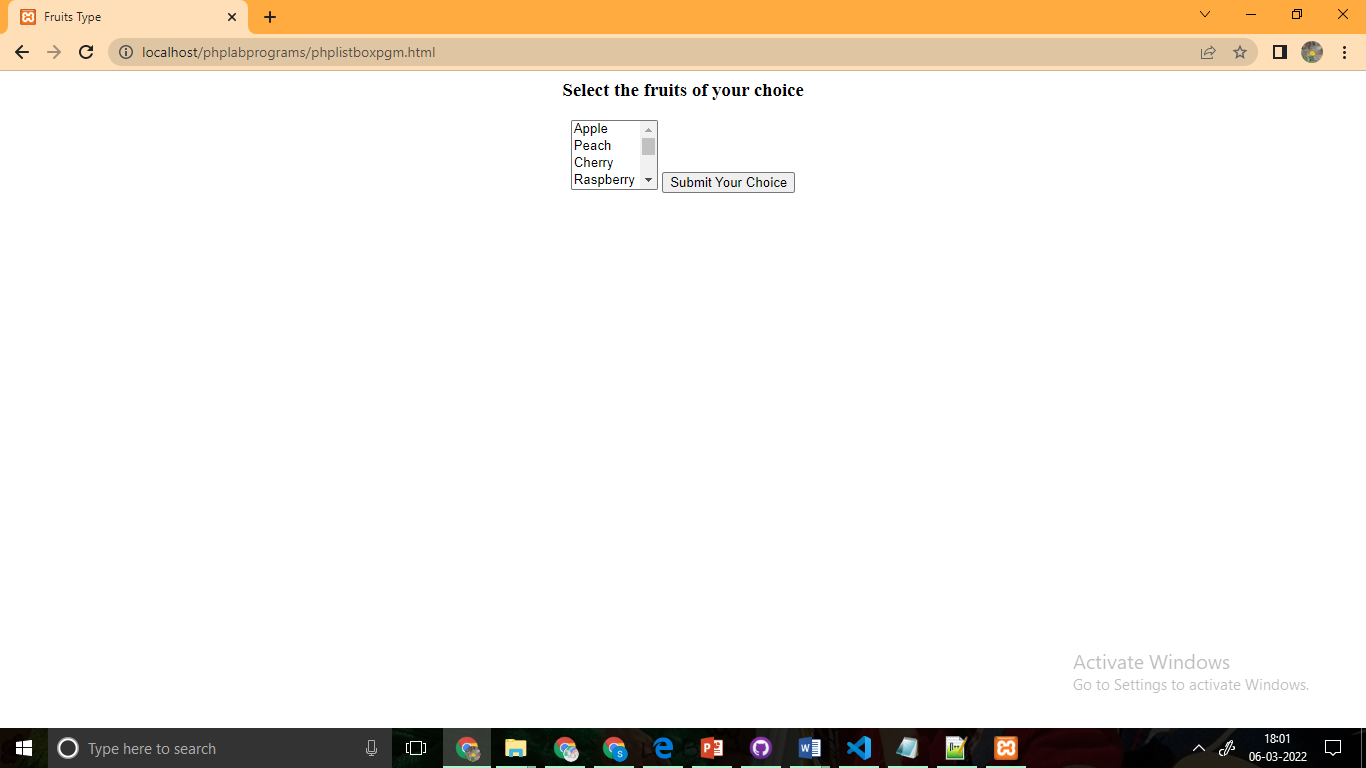
{

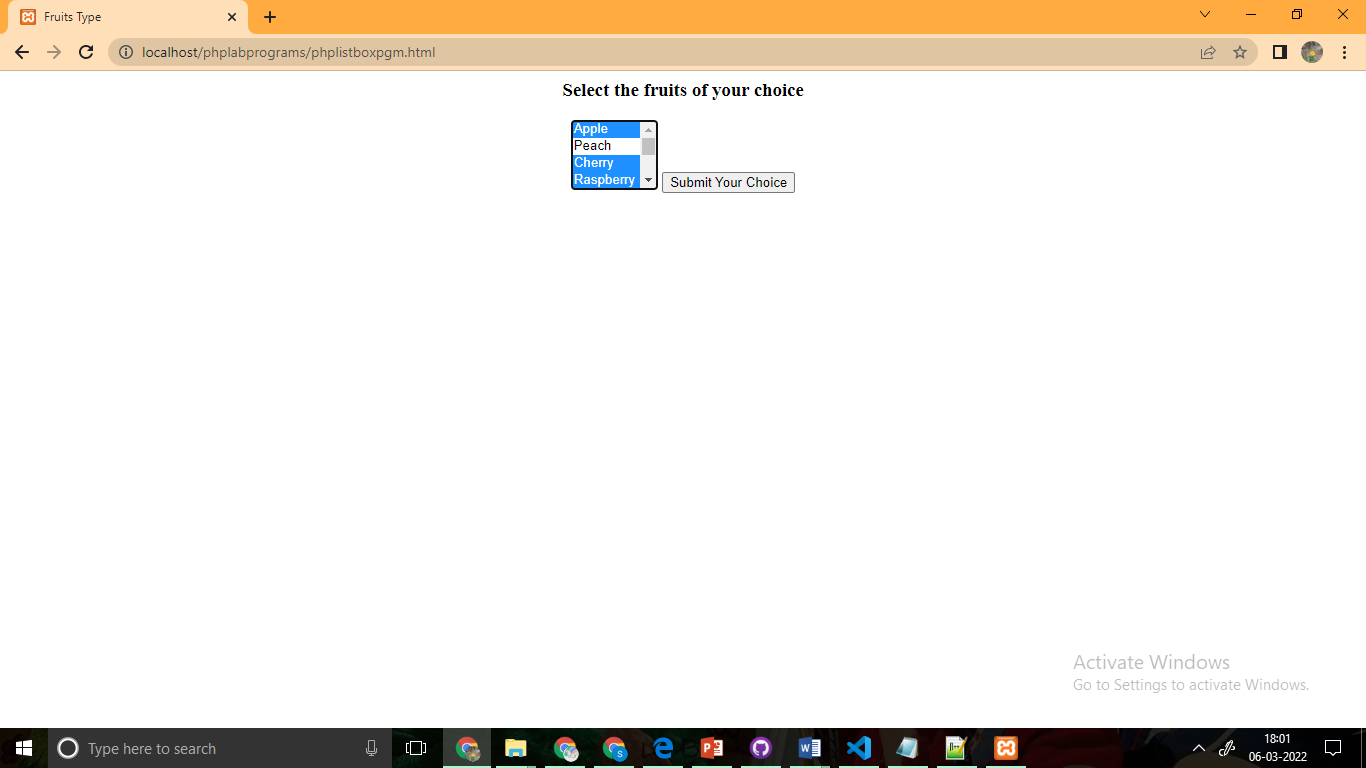
echo $fruits. ' <br>';

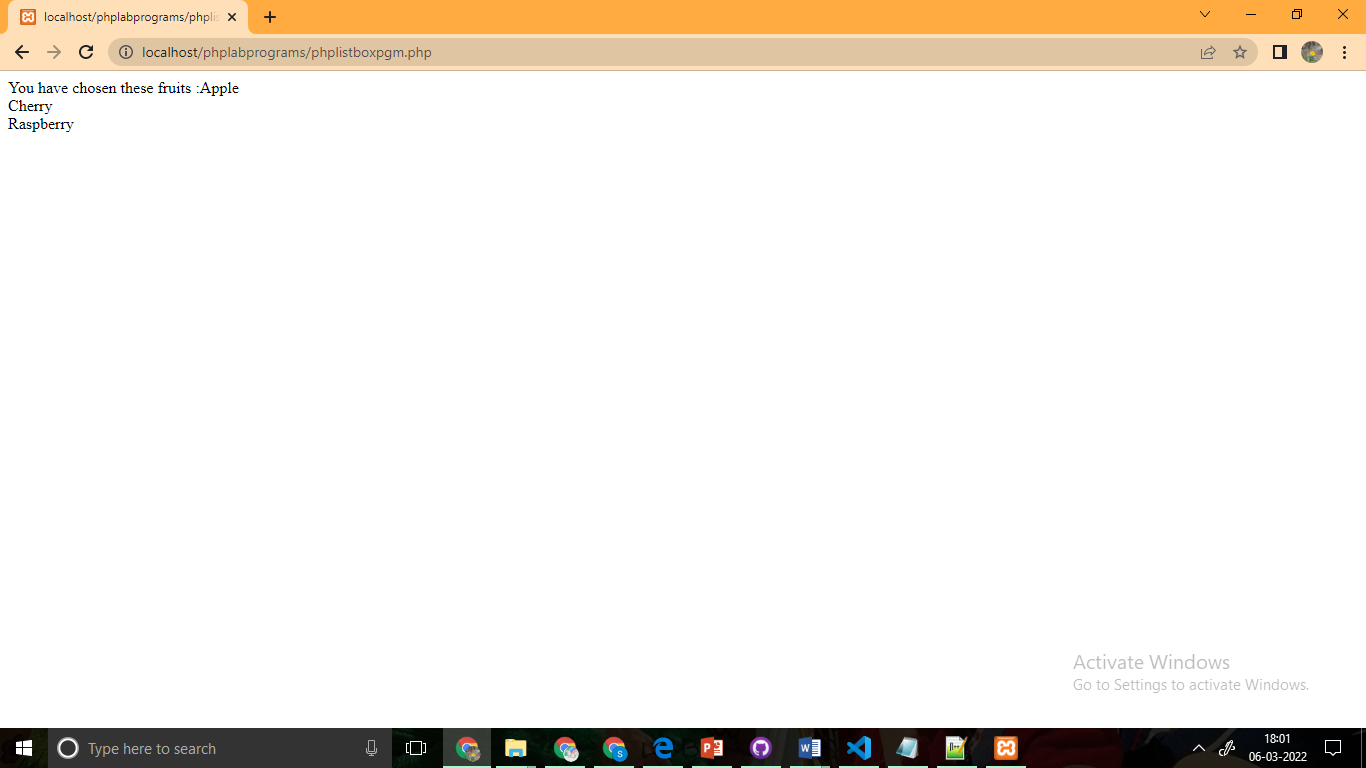
}

?>

Output







|  |
| --- |
| **PROGRAM #20 06-03-2022** |
| Write a PHP program to check whether a number is Armstrong or not. |

Program code

HTML File

<!DOCTYPE html>

<html>

    <head>

        <title> armstrong </title>

    </head>

    <body>

        <h1 ALIGN="CENTER"> ARMSTRONG </h1>

            <form method="get" action="armstrong.php">

            <centre>

                Enter the number:

                    <input type="number" name="num" placeholder="Enter the number"> <br><br>

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

            </centre>

            </form>

    </body>

</html>

PHP File

<?php

    echo "<h3> armstrong</h3>";

    echo "\n";

    $number=$\_GET["num"];

    $a=$number;

    $count=strlen($a);

    $sum=0;

    while($a!=0)

    {

        $rem=$a%10;

        $sum=$sum+pow($rem,$count);

        $a=$a/10;

    }

    if($number==$sum)

    {

        echo"$number is an armstrong number";

    }

    else

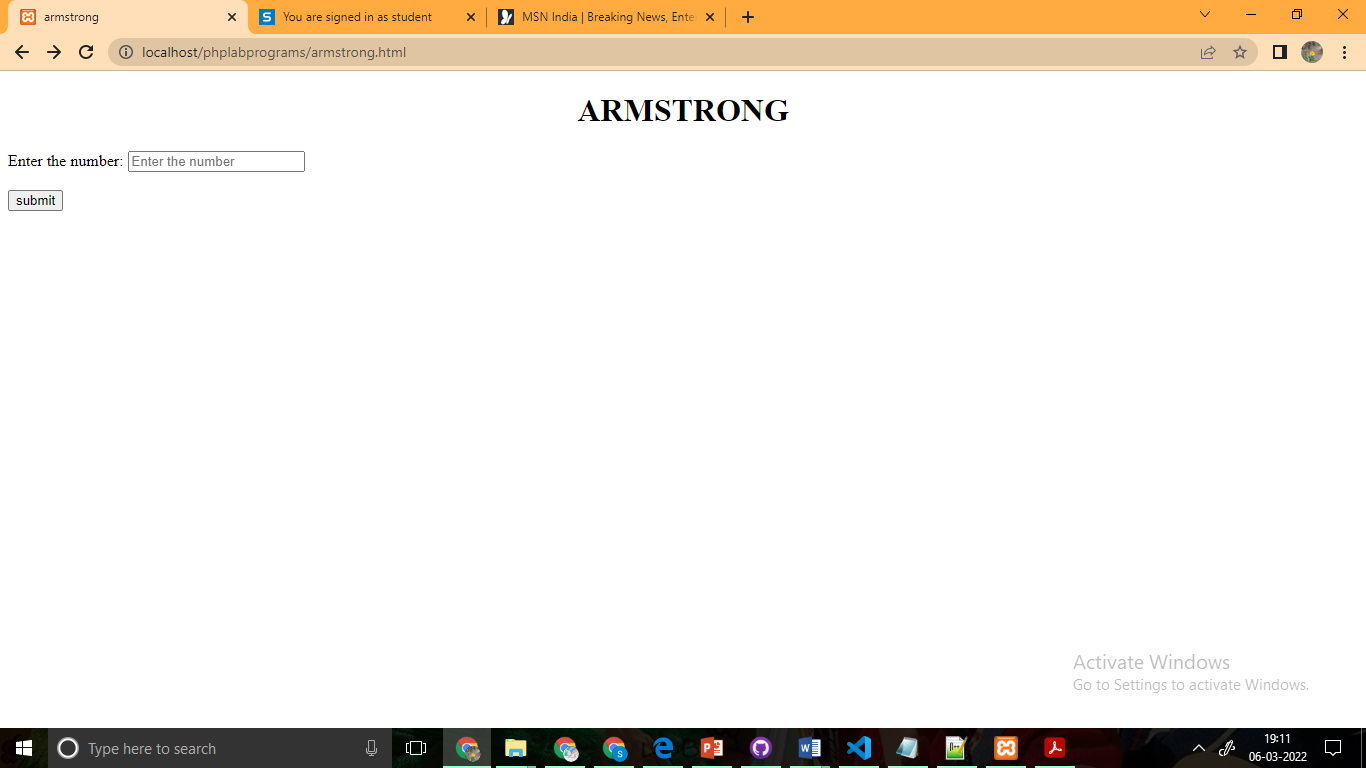
    {

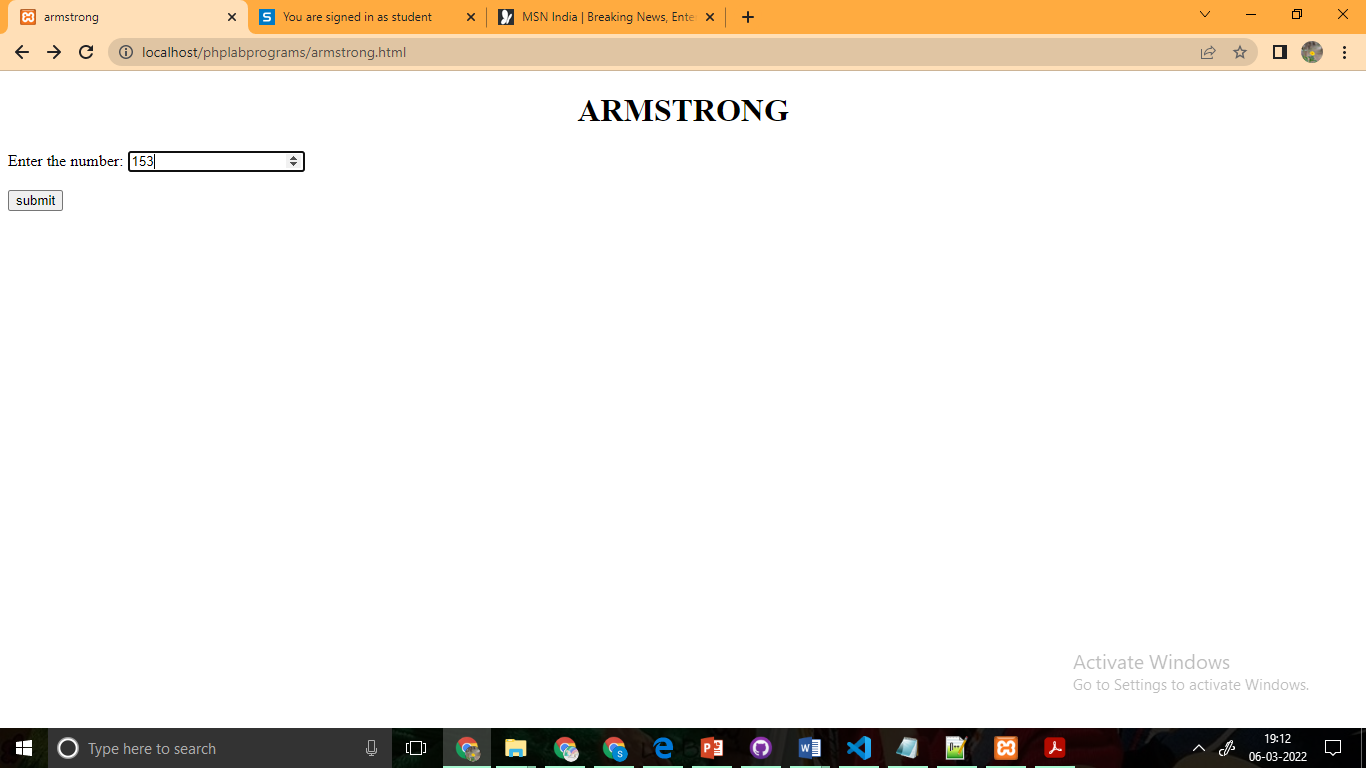
        echo "$number is not an armstrong number";

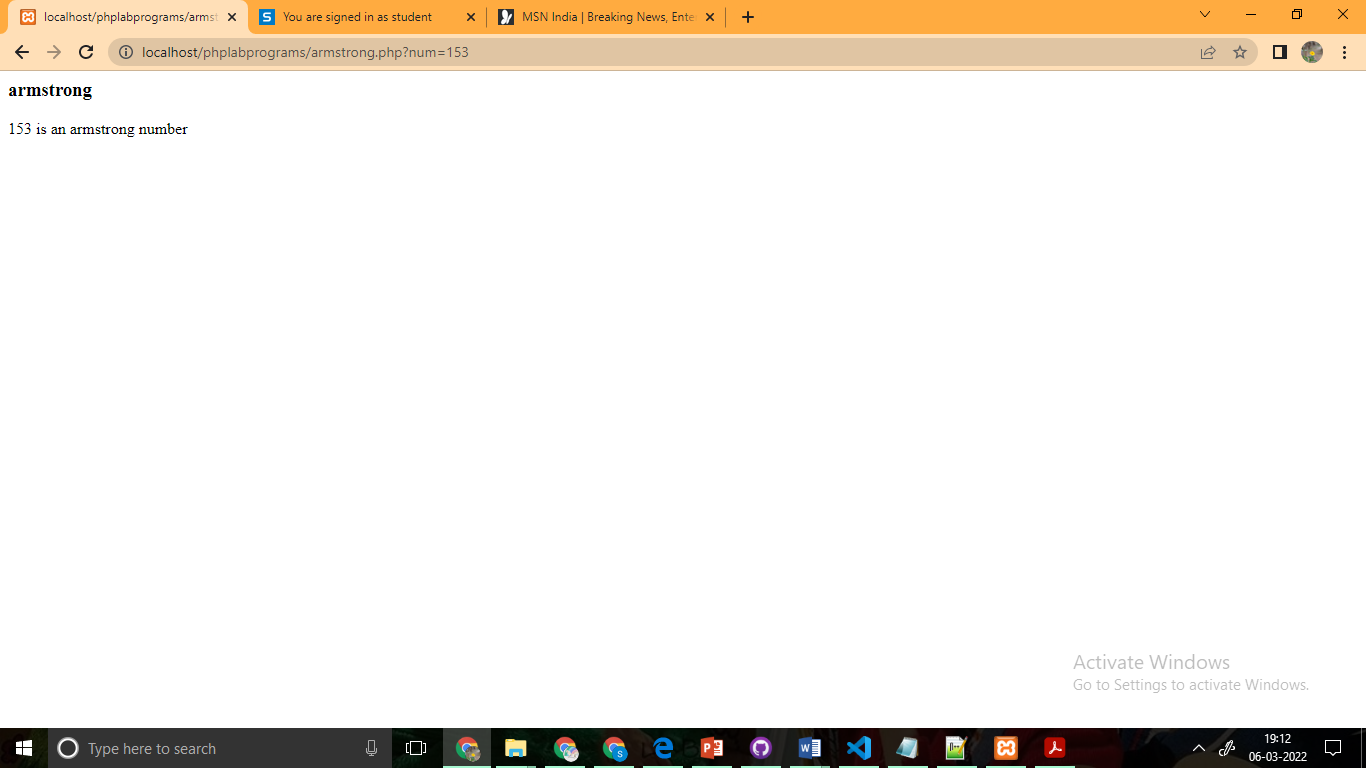
    }

?>

Output







|  |
| --- |
| **PROGRAM #21 06-03-2022** |
| Write a PHP program to check whether a number is perfect,abundant or deficient. |

Program code

HTML File

<!DOCTYPE html>

    <html>

    <head>

        <title> PERFECT </title>

    </head>

    <body>

        <h1 ALIGN="CENTER"> PERFECT,ABUNDUNT,DEFICIENT NUMBER </h1>

        <form method="get" action="perfect.php">

            <centre>

                Enter the number:

                <input type="number" name="num" placeholder="Enter the number"><br><br>

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

            </centre>

        </form>

    </body>

</html>

PHP File

<?php

    $number=$\_GET["num"];

    $flag=$number;

    $addition=0;

    for($i=1;$i<$number;$i++)

    {

        if($flag%$i==0)

        {

            $addition=$addition+$i;

        }

    }

    if($addition==$number)

    {

        echo "$flag is a perfect number";

    }

    else if($addition>$number)

    {

        echo "$flag is an abundunt number";

    }

    else

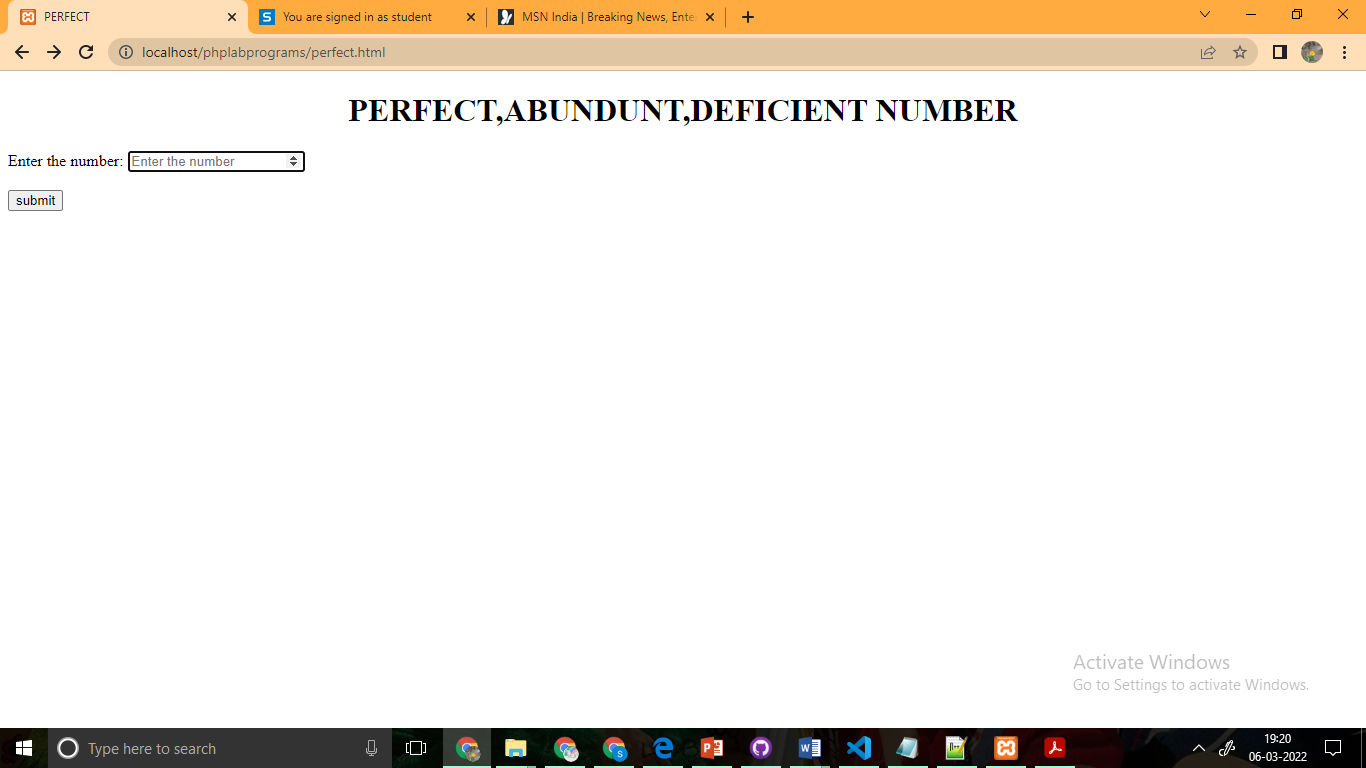
    {

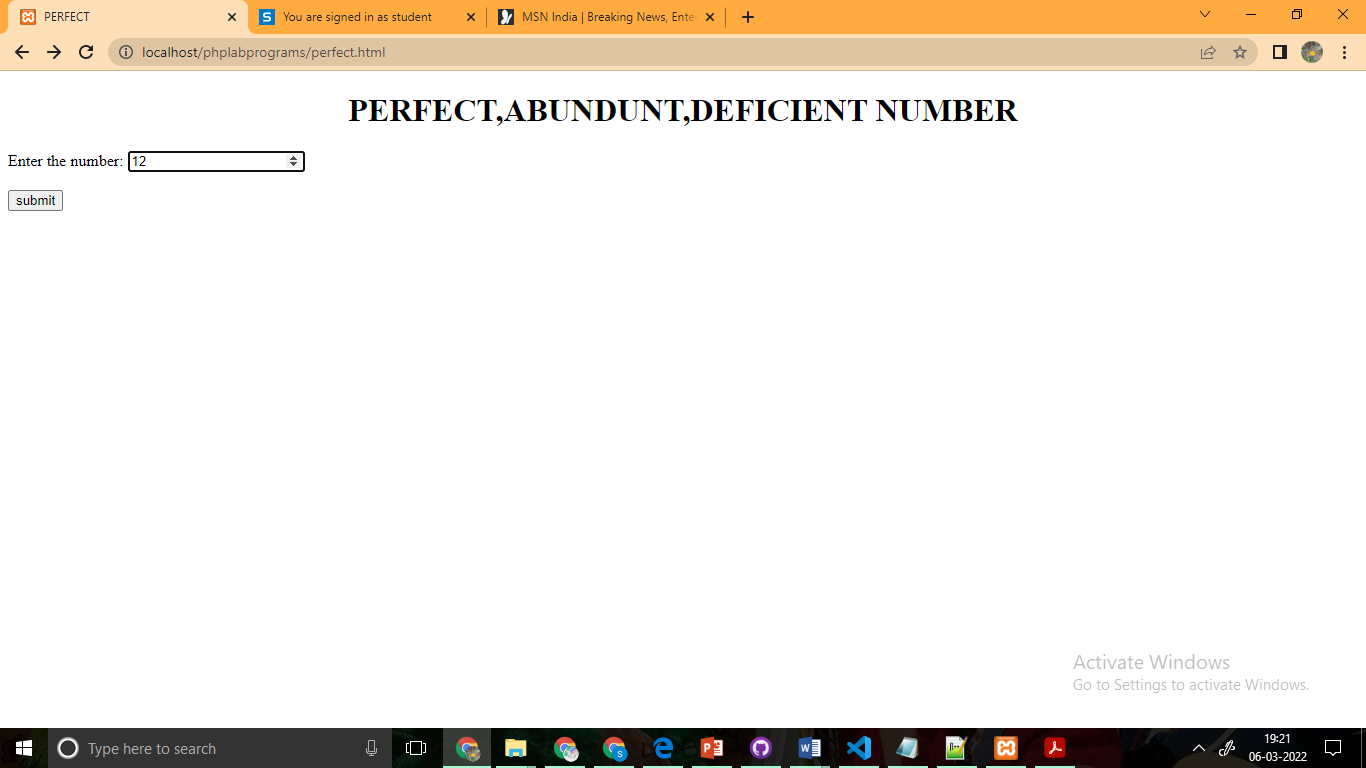
        echo "$flag is a deficient number";

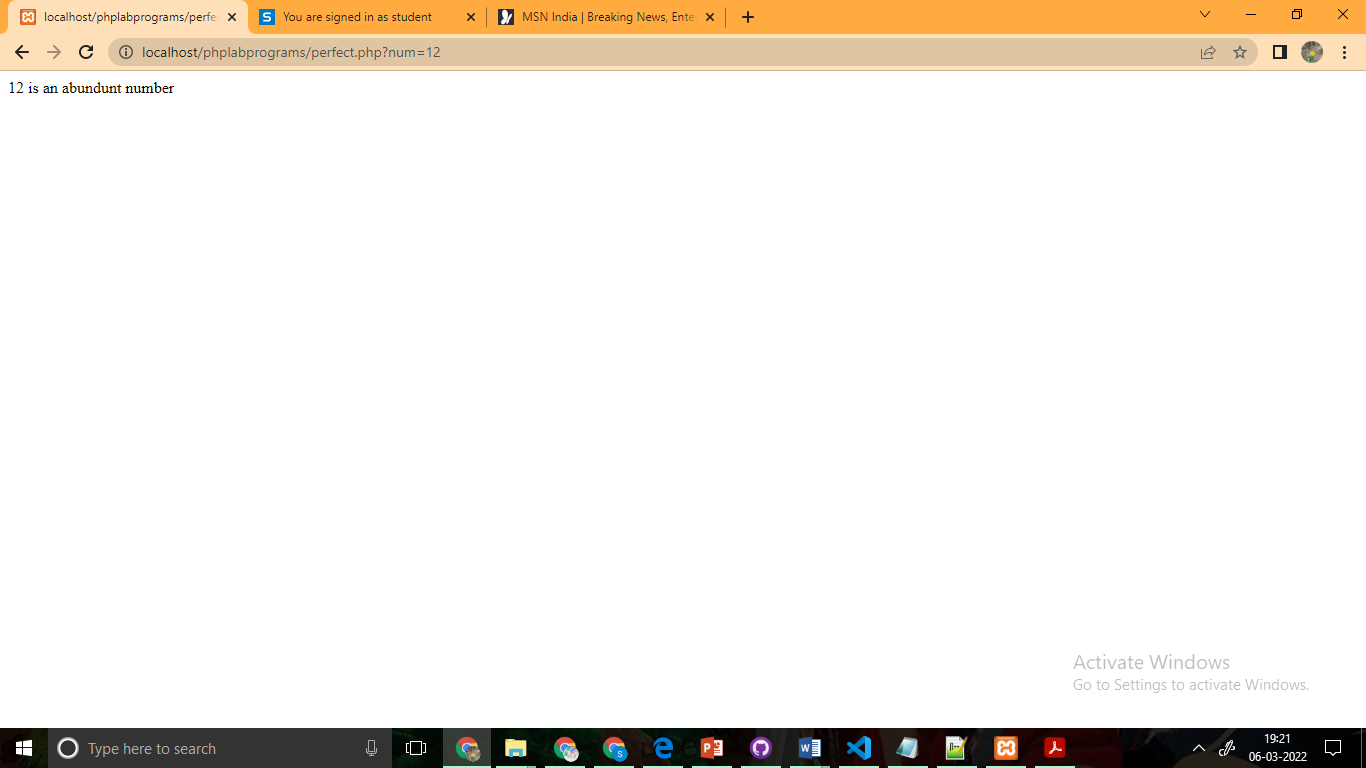
    }

?>

Output







|  |
| --- |
| **PROGRAM #22 06-03-2022** |
| Write a PHP program to upload a file. |

Program code

HTML File

<html>

    <body>

        <form action="fileupload.php" method="post" enctype="multipart/form-data">

        Select a file<br><br>

            <input type="file" name="image"/><br><br>

            <input type="Submit"/>

        </form>

    </body>

</html>

PHP File

<?php

    if(isset($\_FILES['image']))

    {

        echo "File Name :",$\_FILES['image']['name']."<br>";

        echo "File Size :",$\_FILES['image']['size']."<br>";

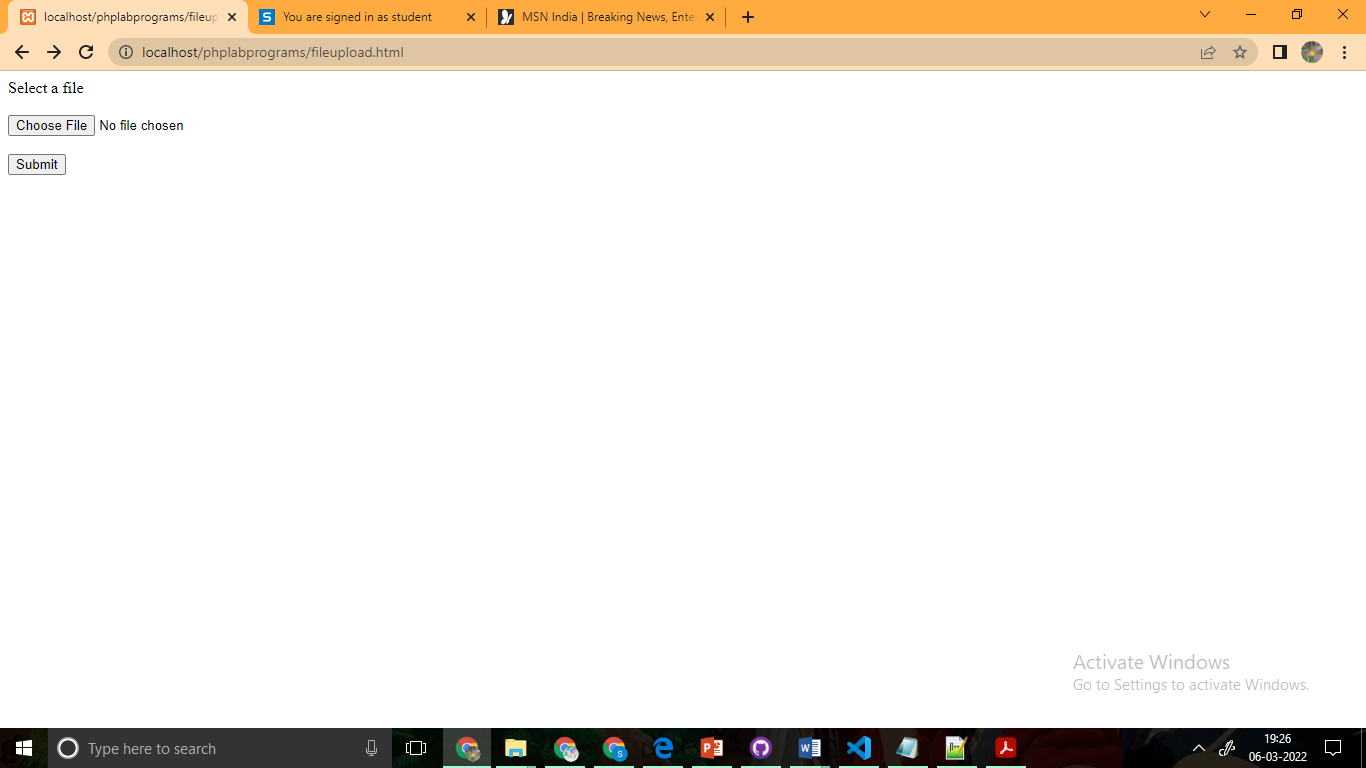
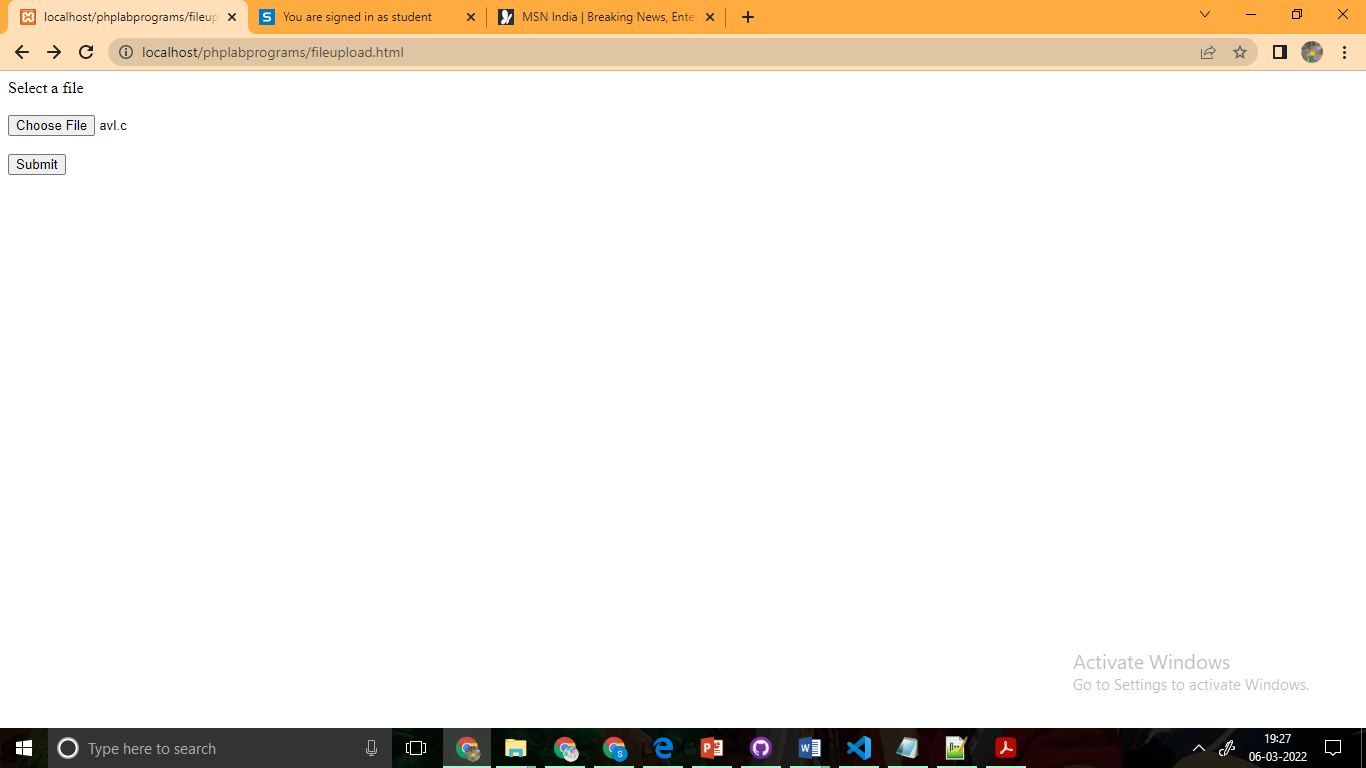
        echo "File Type:",$\_FILES['image']['type']."<br>";

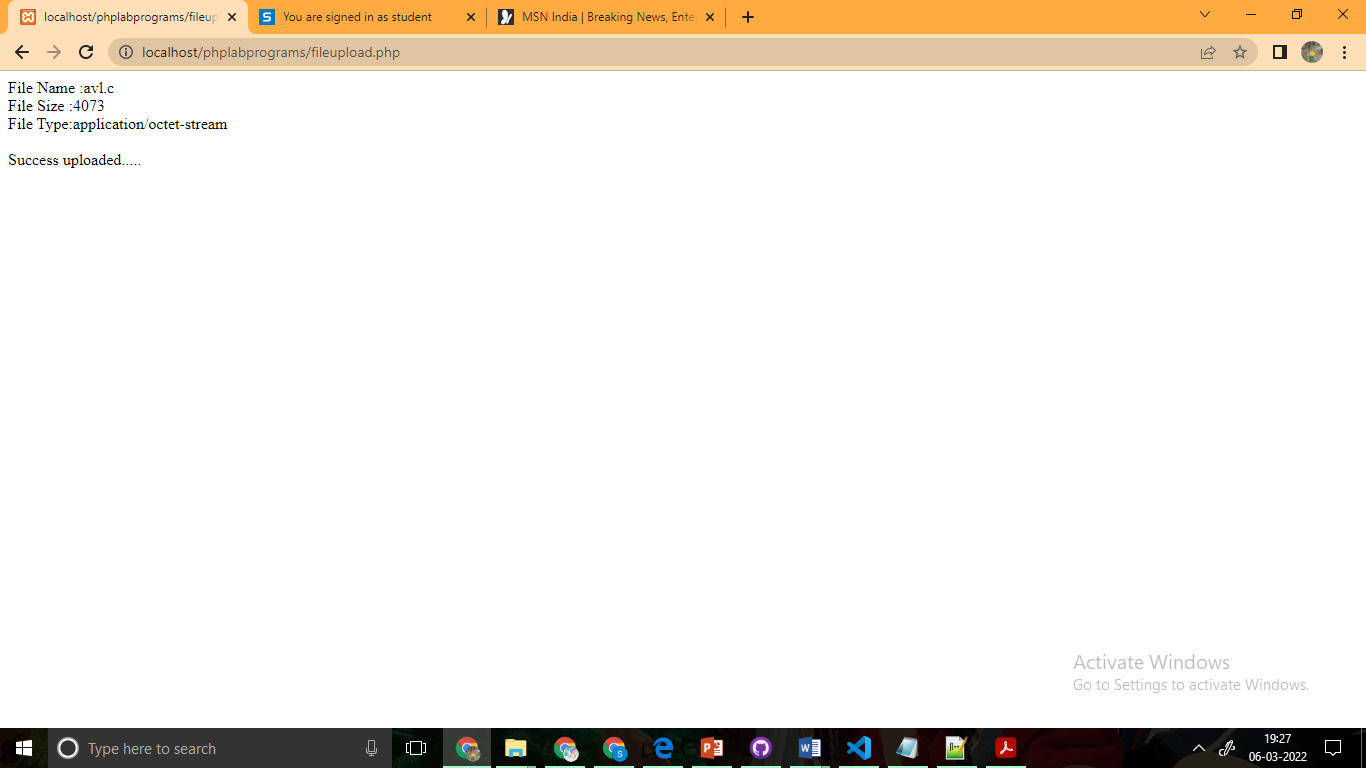
        echo "<br>Success uploaded.....";

    }

?>

Output



|  |
| --- |
| **PROGRAM #23 06-03-2022** |
| Write a PHP program to display the capital and country name from a given array.Sort the list by the name of the capital. |

Program code

PHP File

<?php

    $countrycapital = array( "Italy"=>"Rome", "Luxembourg"=>"Luxembourg",

    "Belgium"=> "Brussels", "Denmark"=>"Copenhagen",

    "Finland"=>"Helsinki", "France" => "Paris",

    "Slovakia"=>"Bratislava", "Slovenia"=>"Ljubljana",

    "Germany" => "Berlin", "Greece" => "Athens",

    "Ireland"=>"Dublin", "Netherlands"=>"Amsterdam",

    "Portugal"=>"Lisbon", "Spain"=>"Madrid",

    "Sweden"=>"Stockholm", "United Kingdom"=>"London",

    "Cyprus"=>"Nicosia", "Lithuania"=>"Vilnius",

    "Czech Republic"=>"Prague", "Estonia"=>"Tallin",

    "Hungary"=>"Budapest", "Latvia"=>"Riga","Malta"=>"Valetta",

    "Austria" => "Vienna", "Poland"=>"Warsaw") ;

    asort($countrycapital) ;

    foreach($countrycapital as $country => $capital)

    {

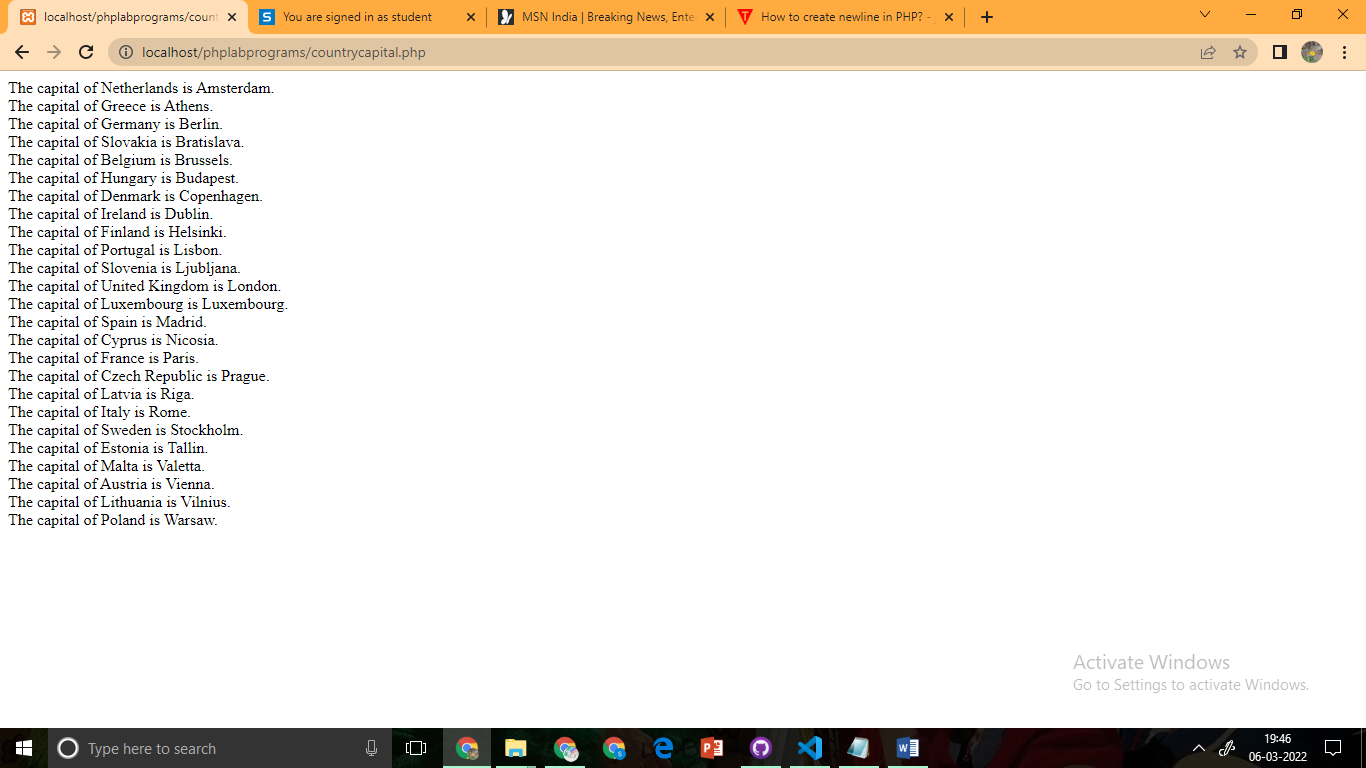
        echo "The capital of $country is $capital." ;

        echo "<br>";

    }

?>

Output



|  |
| --- |
| **PROGRAM #24 06-03-2022** |
| Write a PHP program to find the area of a rectangle using function. |

Program code

PHP File

<?php

    function recArea($l, $w){

    $area = $l \* $w;

    return $area;

    }

?>

<!DOCTYPE html>

<html>

    <head>

        <title>Rectangle Area Function</title>

    </head>

    <body>

        <h2>Rectangle Area Function</h2>

        <?php

        if(!isset ($\_POST['submit'])){

        ?>

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

            <p>Please enter the values of the length and width of your rectangle.</p>

            <p>Length:  <input type="text" name="length" size="5" />

            Width:  <input type="text" name="width" size="5" /></p>

            <input type="submit" name="submit" value="Go" />

        </form>

        <?php

        } else {

        $l = $\_POST['length'];

        $w = $\_POST['width'];

        echo "The area of a rectangle with length $l and width $w is " . recArea($l, $w). ".";

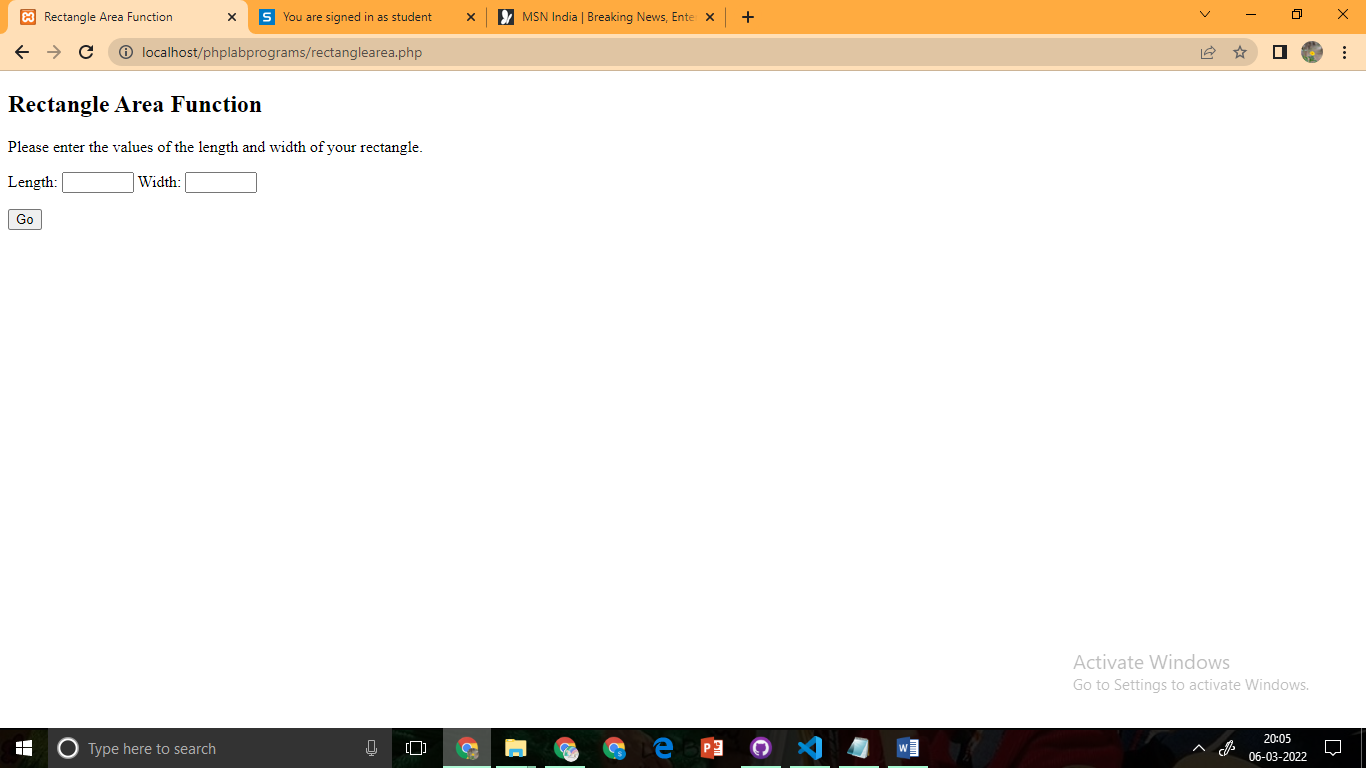
        }

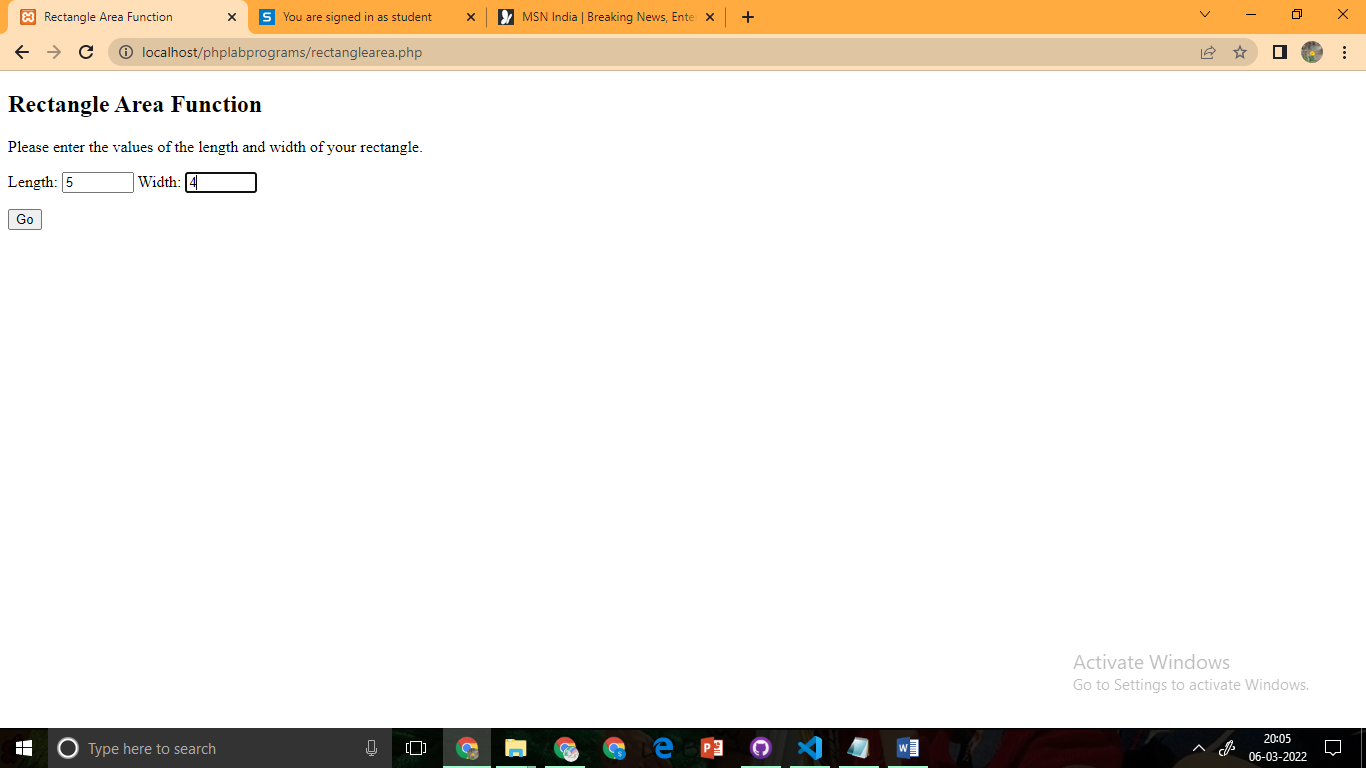
?>

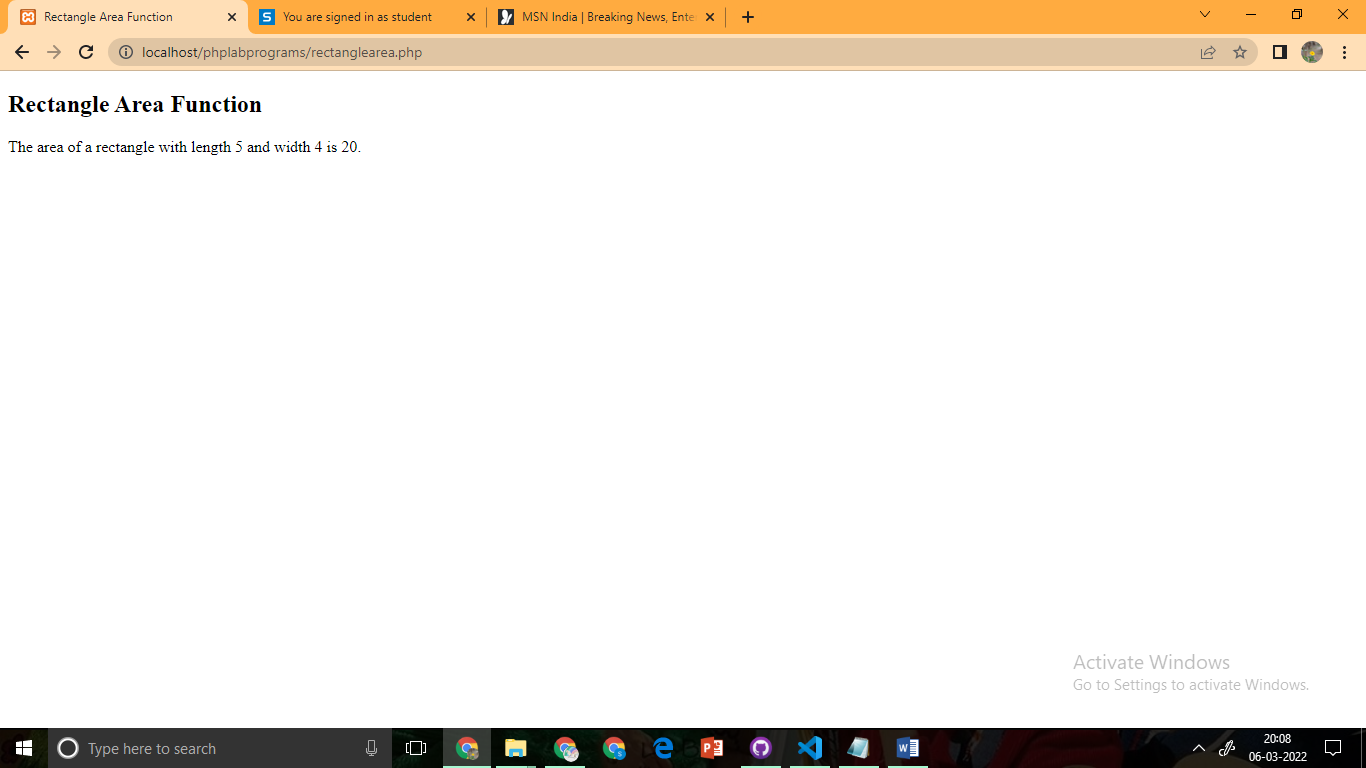
    </body>

</html>

Output







|  |
| --- |
| **PROGRAM #25 06-03-2022** |
| Write a PHP program to calculate electricity bill. |

Program code

PHP File

<!DOCTYPE html>

<head>

    <title>PHP - Calculate Electricity Bill</title>

</head>

<?php

$result\_str = $result = '';

if (isset($\_POST['unit-submit'])) {

    $units = $\_POST['units'];

    if (!empty($units)) {

        $result = calculate\_bill($units);

        $result\_str = 'Total amount of ' . $units . ' units is -

' . $result;

    }

}

function calculate\_bill($units) {

    $unit\_cost\_first = 3.50;

    $unit\_cost\_second = 4.00;

    $unit\_cost\_third = 5.20;

    $unit\_cost\_fourth = 6.50;

    if($units <= 50) {

        $bill = $units \* $unit\_cost\_first;

    }

    else if($units > 50 && $units <= 100) {

        $temp = 50 \* $unit\_cost\_first;

        $remaining\_units = $units - 50;

        $bill = $temp + ($remaining\_units \* $unit\_cost\_second);

    }

    else if($units > 100 && $units <= 200) {

        $temp = (50 \* 3.5) + (100 \* $unit\_cost\_second);

        $remaining\_units = $units - 150;

        $bill = $temp + ($remaining\_units \* $unit\_cost\_third);

    }

    else {

        $temp = (50 \* 3.5) + (100 \* $unit\_cost\_second) + (100 \* $unit\_cost\_third);

        $remaining\_units = $units - 250;

        $bill = $temp + ($remaining\_units \* $unit\_cost\_fourth);

    }

    return number\_format((float)$bill, 2, '.', '');

}

?>

<body>

    <div id="page-wrap">

        <h1>Php - Calculate Electricity Bill</h1>

        <form action="" method="post" id="quiz-form">

                <input type="number" name="units" id="units" placeholder="Please enter no. of Units" />

                <input type="submit" name="unit-submit" id="unit-submit" value="Submit" />

        </form>

        <div>

            <?php echo '<br />' . $result\_str; ?>

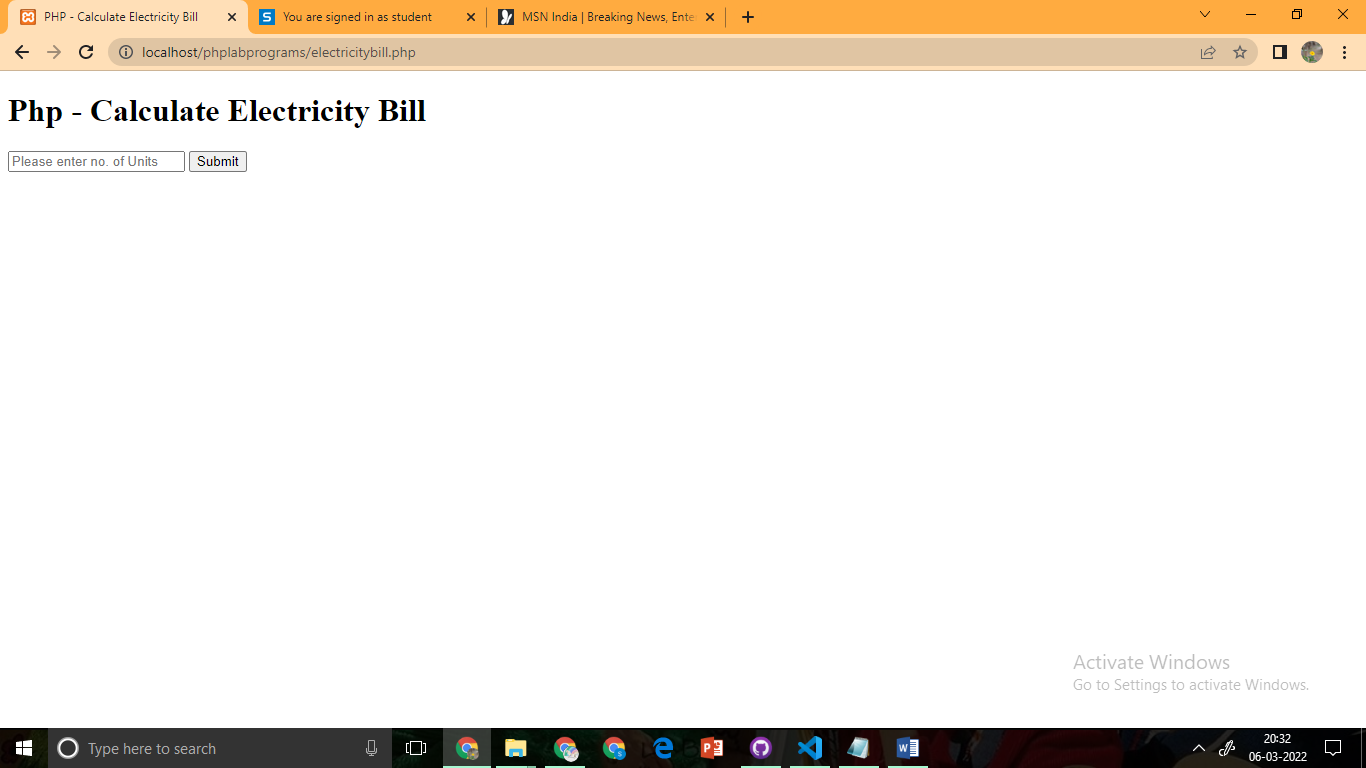
        </div>

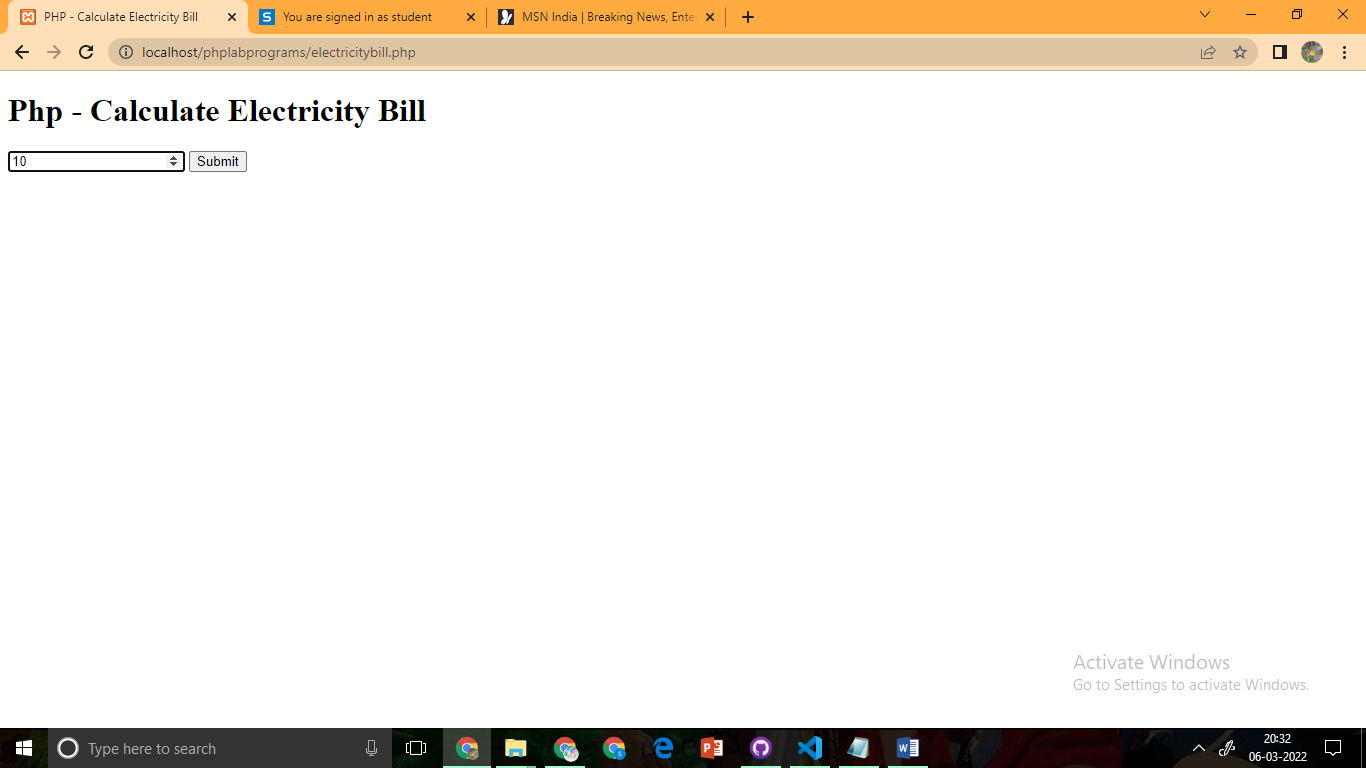
    </div>

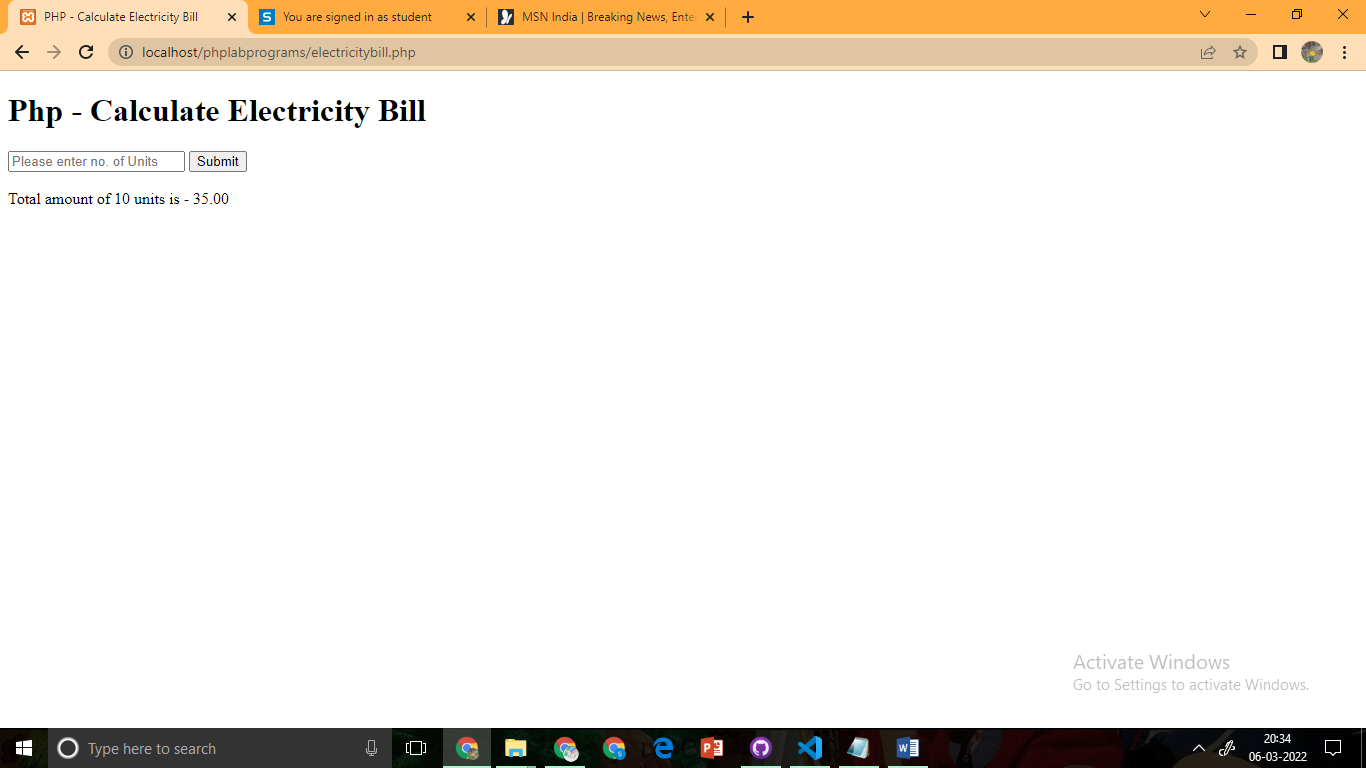
</body>

</html>

Output







|  |
| --- |
| **PROGRAM #26 06-03-2022** |
| Write an XML program to implement a simple calculator. |

Program code

PHP File

<!DOCTYPE html>

<html>

<body>

<?php

    ini\_set('display\_errors',0);

    if( isset( $\_REQUEST['calculate'] ))

    {

        $operator=$\_REQUEST['operator'];

        $n1 = $\_REQUEST['first\_value'];

        $n2 = $\_REQUEST['second\_value'];

        if($operator=="+")

        {

            $res= $n1+$n2;

        }

        if($operator=="-")

        {

            $res= $n1-$n2;

        }

        if($operator=="\*")

        {

            $res =$n1\*$n2;

        }

        if($operator=="/")

        {

            $res= $n1/$n2;

        }

        if($\_REQUEST['first\_value']==NULL || $\_REQUEST['second\_value']==NULL)

        {

            echo "<script language=javascript> alert(\"Please Enter Correct values.\");</script>";

        }

    }

?>

<form>

    <table style="border:groove #00FF99">

    <tr>

        <td style="background-color:turquoise; color:black; font-family:'Times New Roman'">Enter Number</td>

        <td colspan="1">

        <input name="first\_value" type="text" style="color:red"/></td>

    </tr>

<tr>

    <td style="color:red; font-family:'Times New Roman'">Select Operator</td>

    <td>

        <select name="operator" style="width: 63px">

            <option>+</option>

            <option>-</option>

            <option>\*</option>

            <option>/</option>

        </select></td>

</tr>

<tr>

    <td style="background-color:turquoise; color:black; font-family:'Times New Roman'">Enter Number</td>

    <td class="auto-style5">

    <input name="second\_value" type="text"  style="color:red"/></td>

</tr>

<tr>

    <td></td>

    <td><input type="submit" name="calculate" value="Calculate" style="color:wheat;background-color:rosybrown" /></td>

</tr>

<tr>

    <td style="background-color:turquoise;color:black">Output = </td>

    <td style="color:darkblue"><?php echo $res;?></td>

</tr>

</table>

</form>

</body>

</html>

Output

