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 : ANAGHA O

SEMESTER : II

REGISTER NO : 2124006

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CERTIFICATE

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

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Internal Examiner

External Examiner

Place : Kalamassery
Date :

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PROGRAM #1	03-02-2022
Bookmarks in html using css	

```
<!DOCTYPE html>
<html>
<head>
 <link rel="stylesheet" type="text/css" href="style2.css">
 </head>
<body>
<h1>THIS NOVEL CONTAINS MANY CHAPTERS</h1>
<p><a href="#C4">Jump to Chapter 4</a></p>
<p><a href="#C10">Jump to Chapter 10</a></p>
<p><a href="#c6"> Jump to chapter 6</a></p>

<h2>Chapter 1</h2>
<p>This chapter explains ba bla bla</p>

<h2>Chapter 2</h2>
<p>This chapter explains ba bla bla</p>

<h2>Chapter 3</h2>
<p>This chapter explains ba bla bla</p>

<h2 id="C4">Chapter 4</h2>
<p>This chapter explains ba bla bla</p>

<h2>Chapter 5</h2>
<p>This chapter explains ba bla bla</p>

<h2 id="c6">Chapter 6</h2>
```

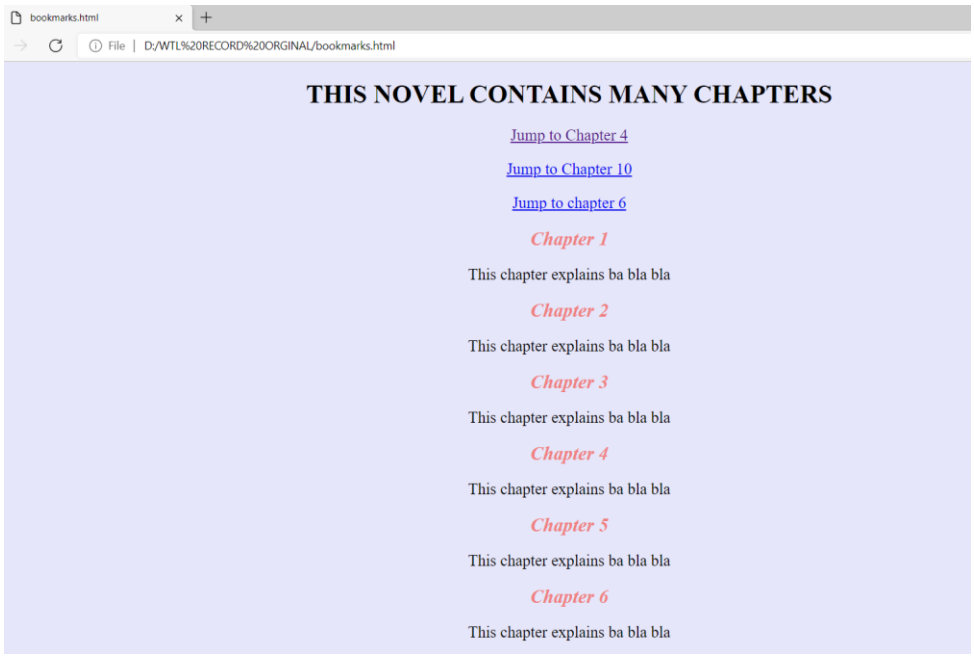
```
<p>This chapter explains ba bla bla</p>

<h2>Chapter 7</h2>
<p>This chapter explains ba bla bla</p>

<h2>Chapter 8</h2>
<p>This chapter explains ba bla bla</p>

<h2>Chapter 9</h2>
<p>This chapter explains ba bla bla</p>

<h2 id="C10">Chapter 10</h2>
<p>This chapter explains ba bla bla</p>

<h2>Chapter 11</h2>
<p>This chapter explains ba bla bla</p>

<h2>Chapter 12</h2>
<p>This chapter explains ba bla bla</p>

<h2>Chapter 13</h2>
<p>This chapter explains ba bla bla</p>

<h2>Chapter 14</h2>
<p>This chapter explains ba bla bla</p>

<h2>Chapter 15</h2>
<p>This chapter explains ba bla bla</p>
```

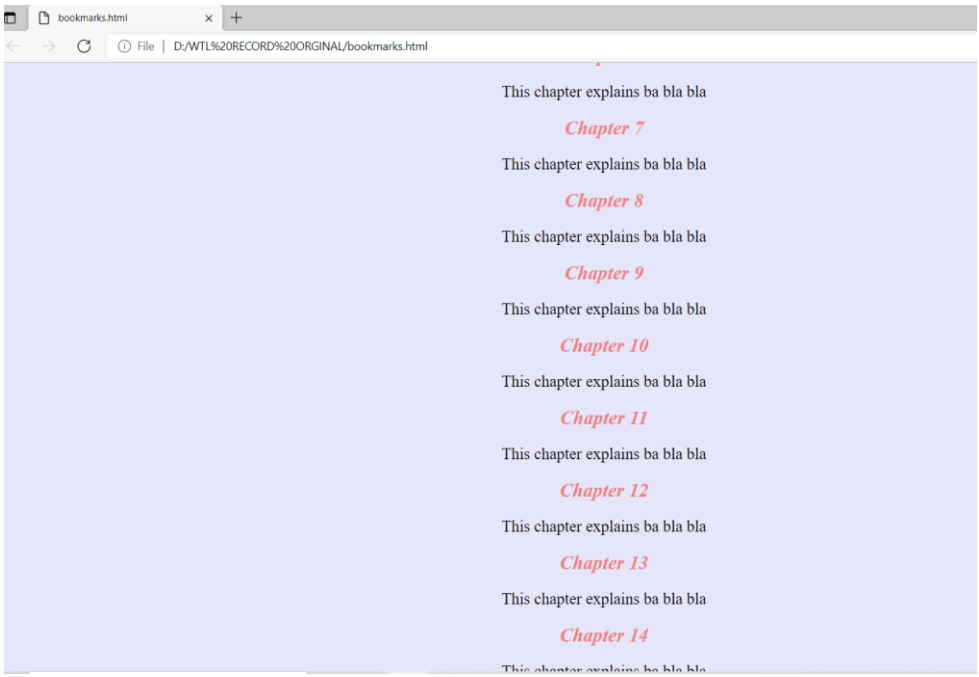
```
<h2>Chapter 16</h2>
<p>This chapter explains ba bla bla</p>

<h2>Chapter 17</h2>
<p>This chapter explains ba bla bla</p>

<h2>Chapter 18</h2>
<p>This chapter explains ba bla bla</p>

<h2>Chapter 19</h2>
<p>This chapter explains ba bla bla</p>

<h2>Chapter 20</h2>
<p>This chapter explains ba bla bla</p>

<h2>Chapter 21</h2>
<p>This chapter explains ba bla bla</p>

<h2>Chapter 22</h2>
<p>This chapter explains ba bla bla</p>

<h2>Chapter 23</h2>
<p>This chapter explains ba bla bla</p>

</body>
</html>
```

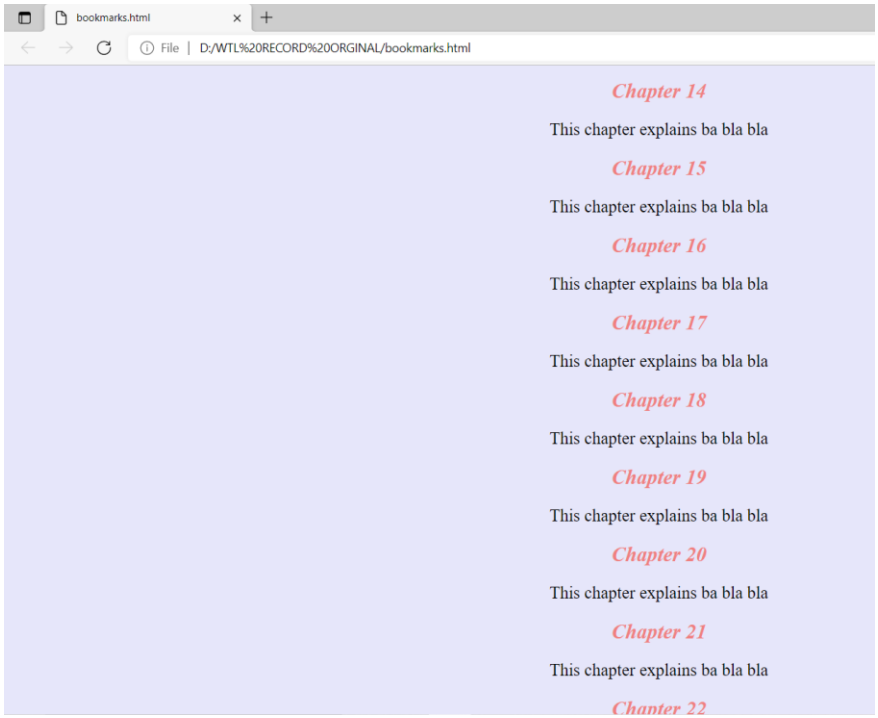
style2.css

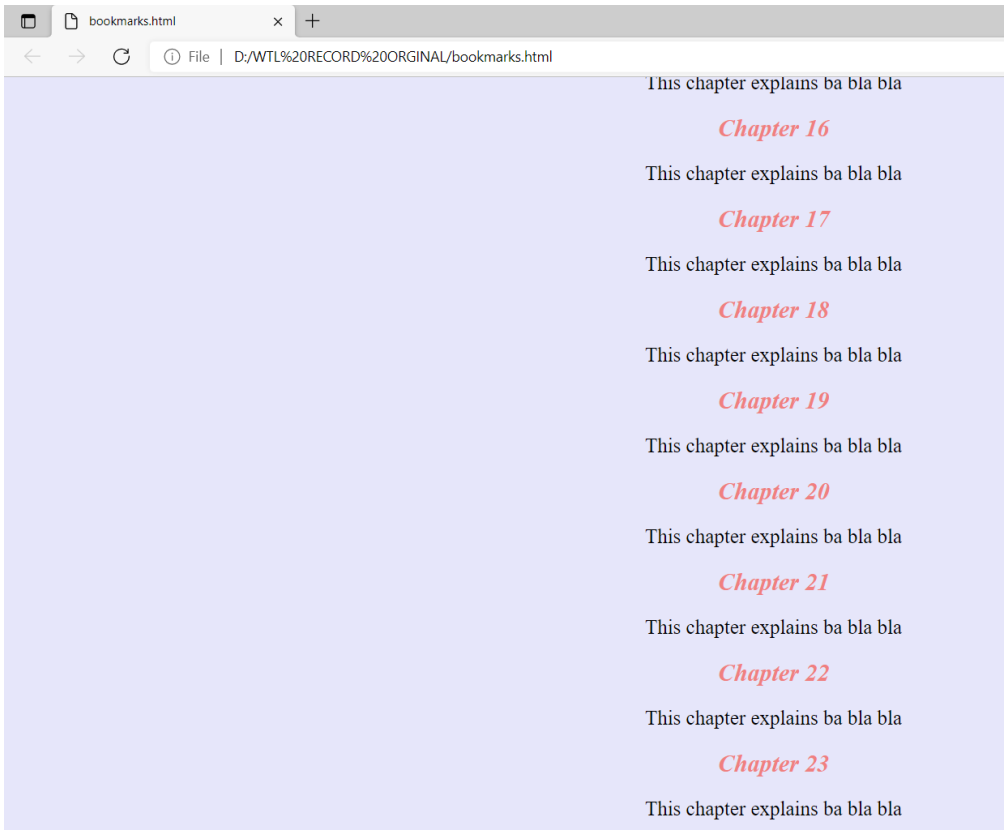
```
body{
background-color:lavender;
text-align: center;
}
h2{
font-style: italic;
size: 30px;
color: #f08080;
}
p{
font-size: 20px;
}
```

OUTPUT


bookmarks.html
File | D:/WTL%20RECORD%20ORGINAL/bookmarks.html
THIS NOVEL CONTAINS MANY CHAPTERS
Jump to Chapter 4
Jump to Chapter 10
Jump to chapter 6
Chapter 1
This chapter explains ba bla bla
Chapter 2
This chapter explains ba bla bla
Chapter 3
This chapter explains ba bla bla
Chapter 4
This chapter explains ba bla bla
Chapter 5
This chapter explains ba bla bla
Chapter 6
This chapter explains ba bla bla


bookmarks.html
File | D:/WTL%20RECORD%20ORGINAL/bookmarks.html
This chapter explains ba bla bla
Chapter 7
This chapter explains ba bla bla
Chapter 8
This chapter explains ba bla bla
Chapter 9
This chapter explains ba bla bla
Chapter 10
This chapter explains ba bla bla
Chapter 11
This chapter explains ba bla bla
Chapter 12
This chapter explains ba bla bla
Chapter 13
This chapter explains ba bla bla
Chapter 14


bookmarks.html
File | D:/WTL%20RECORD%20ORGINAL/bookmarks.html
Chapter 14
This chapter explains ba bla bla
Chapter 15
This chapter explains ba bla bla
Chapter 16
This chapter explains ba bla bla
Chapter 17
This chapter explains ba bla bla
Chapter 18
This chapter explains ba bla bla
Chapter 19
This chapter explains ba bla bla
Chapter 20
This chapter explains ba bla bla
Chapter 21
This chapter explains ba bla bla
Chapter 22


bookmarks.html
File | D:/WTL%20RECORD%20ORGINAL/bookmarks.html
This chapter explains ba bla bla
Chapter 16
This chapter explains ba bla bla
Chapter 17
This chapter explains ba bla bla
Chapter 18
This chapter explains ba bla bla
Chapter 19
This chapter explains ba bla bla
Chapter 20
This chapter explains ba bla bla
Chapter 21
This chapter explains ba bla bla
Chapter 22
This chapter explains ba bla bla
Chapter 23
This chapter explains ba bla bla

PROGRAM #2	03-02-2022
JavaScript program to perform find the area and circumference of a circle using css	

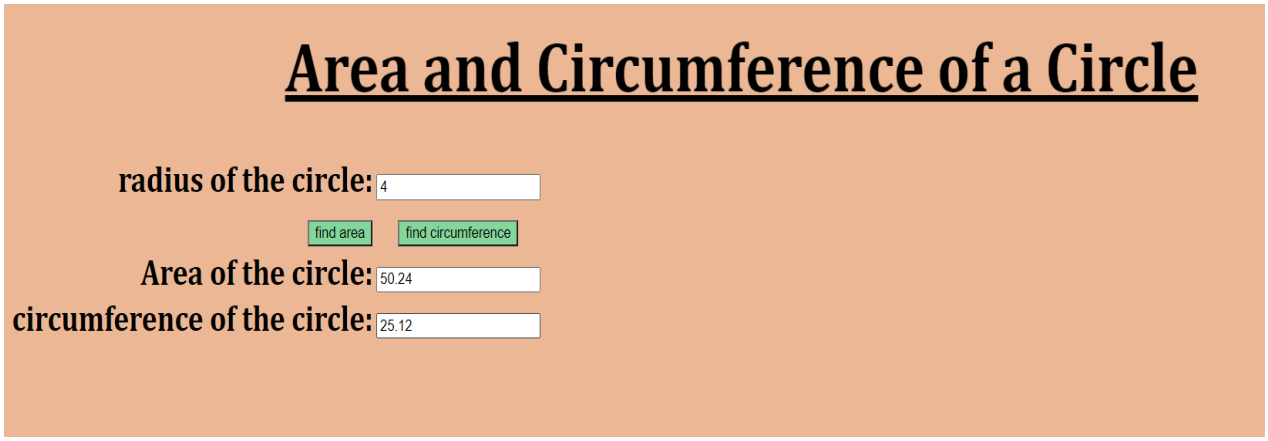
```
<!doctype html>
<html>
<head>
<link rel="stylesheet" type="text/css" href="style10.css">
 </head>
<script>



function funArea()
{
var rad=document.getElementById("txtRadius").value;
var area=3.14*rad*rad;
document.getElementById("txtArea").value=area;
}

function funCircum()
{
var rad=document.getElementById("txtRadius").value;
var circum=2*3.14*rad;
document.getElementById("txtCircum").value=circum;
}
</script>
</head>

<body>
<h1><b><u>Area and Circumference of a Circle</b></u></h1>
```

```
<table >
<tr>
 <th align="right"> radius of the circle:</th>
<td><input type="text" id="txtRadius"></td>
</tr>
<tr>
<td align="right"><button type="button" onClick="funArea()">find
area</button></td>
<td><button type="button" onClick="funCircum()">find circumference</button></td>
</tr>
<tr>
 <th align="right"> Area of the circle:</th>
<td><input type="text" id="txtArea"></td>
</tr>
<tr>
 <th align="right"> circumference of the circle:</th>
<td><input type="text" id="txtCircum"></td>
</tr>
</table>
</body>
</html>
```

style10.css

```
body{
 background-color: rgb(235, 183, 148);
 font-size: 30px;
 font-family: Cambria, Cochin, Georgia, Times, 'Times New Roman', serif;
 text-align: center;
}
p{
 color: red;
}
button{
 background-color: rgb(133, 214, 154);
```

OUTPUT


Area and Circumference of a Circle
radius of the circle: 4
find area
find circumference
Area of the circle: 50.24
circumference of the circle: 25.12

PROGRAM #3	03-02-2022
JavaScript program to create clock with a timing event.	

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

<p id="demo"></p>

<script>
setInterval(clock, 1000);

function clock() {
  var d = new Date();
  document.getElementById("demo").innerHTML = d.toLocaleTimeString();
}
</script>

</body>
</html>
```

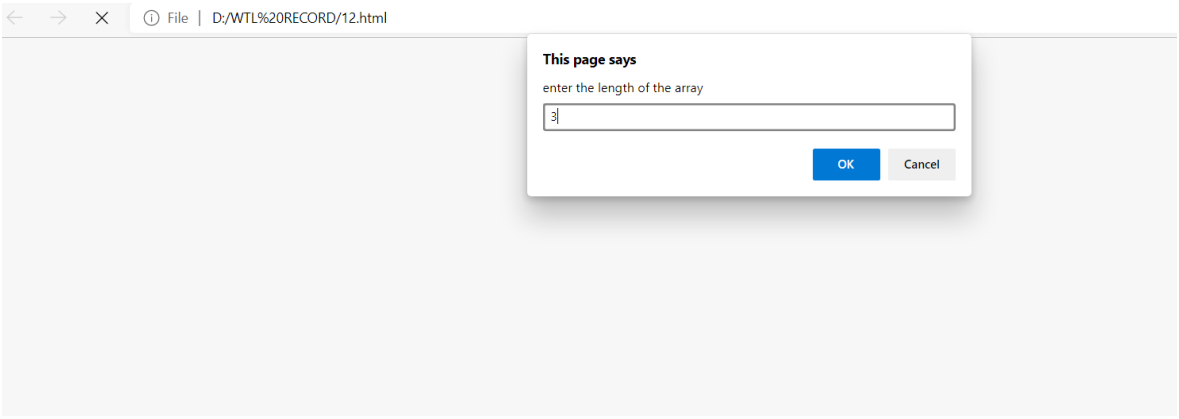
OUTPUT

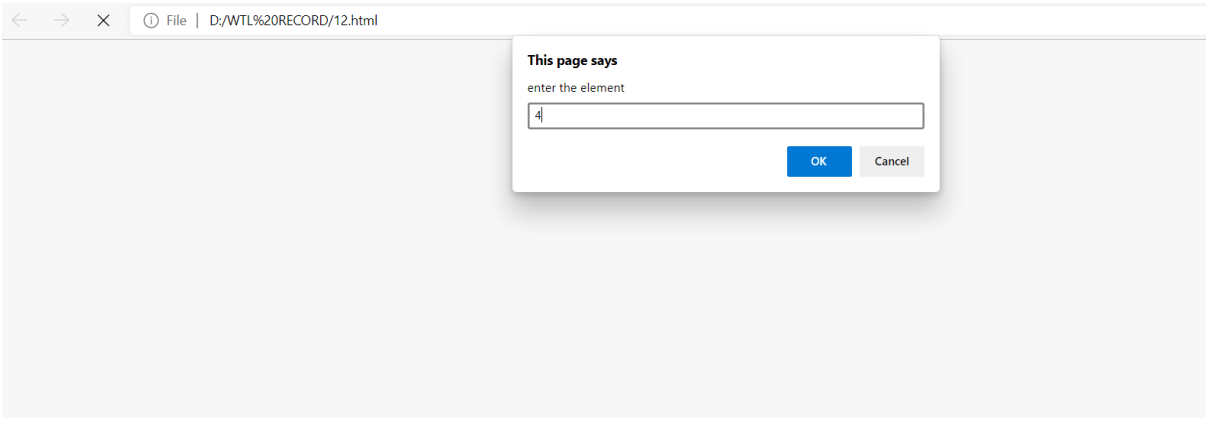
7:18:51 PM

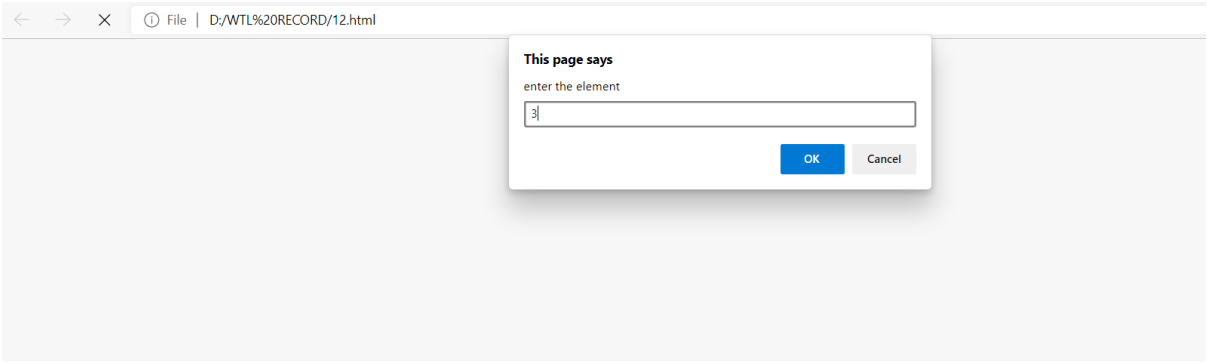
PROGRAM #4	03-02-2022
JavaScript Program to create an Array and read values using Prompt popup box and display the sum of elements in an Alert Box	

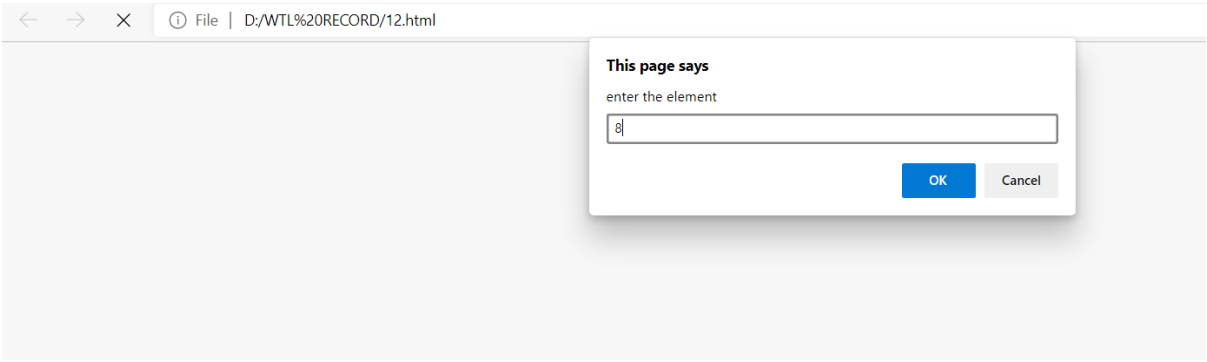
```
<!doctype html>
<html>
<body>
<script>
var len = parseInt(prompt("enter the length of the array",""));
var arr = [];
for(var i=0; i<len;i++)
{
arr[i]=parseInt(prompt("enter the element",""));
}
var sum = 0;
for(i =0;i<len;i++)
{
sum+=arr[i];
}
alert("the sum of the array elements is "+sum);
</script>
</body>
</html>
```

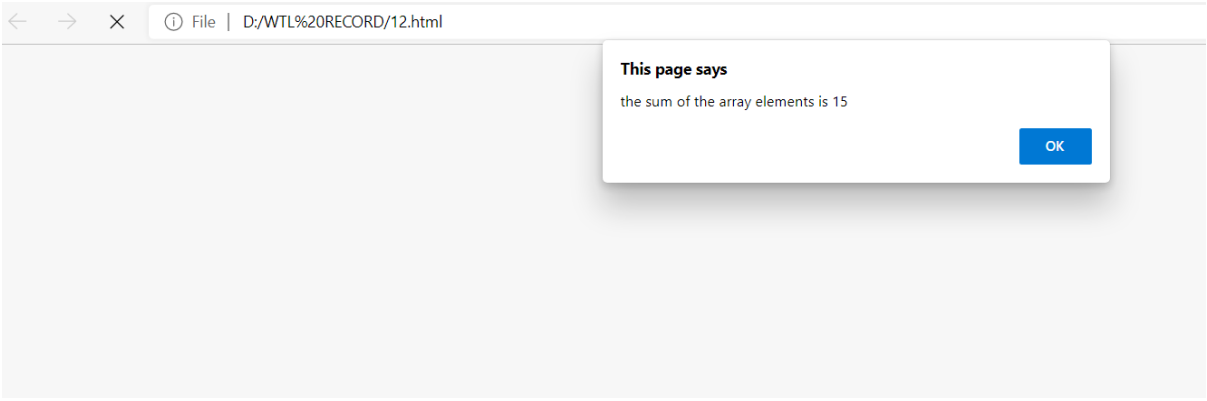
OUTPUT


File | D:/WTL%20RECORD/12.html
This page says
enter the length of the array
3
OK
Cancel


File | D:/WTL%20RECORD/12.html
This page says
enter the element
4
OK
Cancel


File | D:/WTL%20RECORD/12.html
This page says
enter the element
3
OK
Cancel


File | D:/WTL%20RECORD/12.html
This page says
enter the element
8
OK
Cancel


File | D:/WTL%20RECORD/12.html
This page says
the sum of the array elements is 15
OK

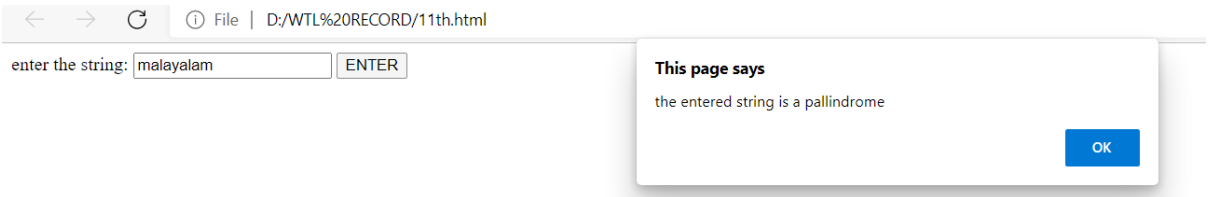
PROGRAM #5 **05-02-2022**

JavaScript program to check whether a given string is palindrome or not

```
<!doctype html>
<html>
<body>
enter the string: <input type="text" id="in">
<button onClick="check()">ENTER</button>
<script>
function check()
{
var txt = document.getElementById("in").value;
var i = 0;
var j = txt.length - 1;
while(i<j)
{
if(txt[i]==txt[j])
{
i++;
j--;
}
else
break;
}
if(i>=j)
alert("the entered string is a pallindrome");
else
```

```
alert("the entered string is not a pallindrome");
}
</script>
</body>
</html>
```

OUTPUT


File | D:/WTL%20RECORD/11th.html
enter the string: malayalam
ENTER
This page says
the entered string is a pallindrome
OK

PROGRAM #6	05-02-2022
Design a form that accepts two integers. Provide 4 buttons for Add, Subtract, Multiply, Divide. Add JavaScript program to add, subtract, multiply and divide the given numbers when these buttons are clicked. Use output element to display the results with css	

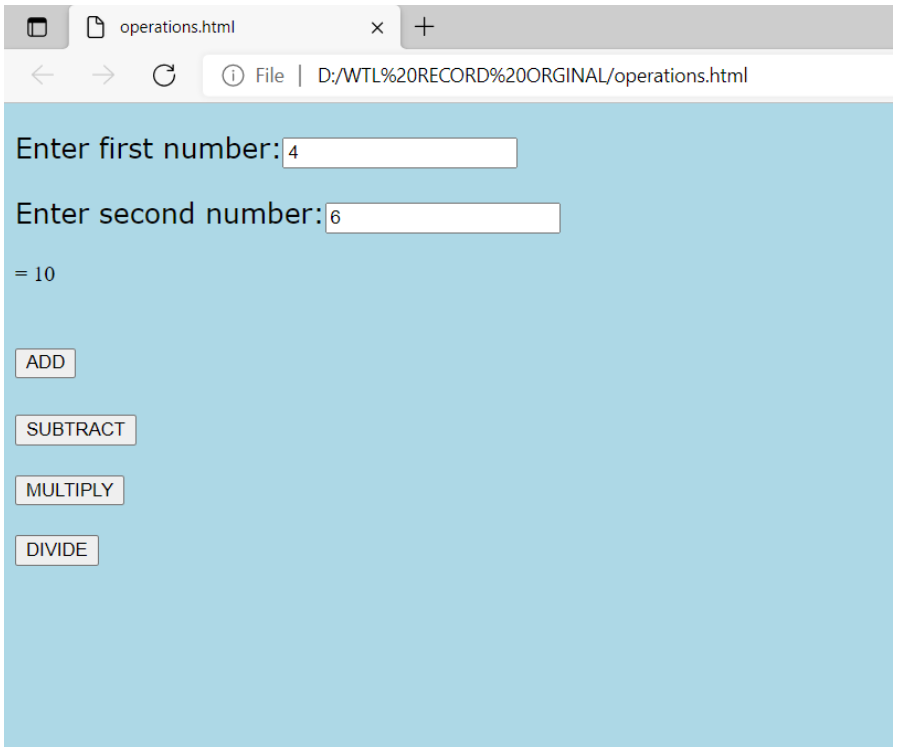
```
<!doctype html>
<html>
<body>
<head>
   <link rel="stylesheet" type="text/css" href="style4.css">
   </head>
<form>
<p>Enter first number:<input type="text" id="num1"></p>
<p>Enter second number:<input type="text" id="num2"></p>
=
<output id="result" ></output>
<br><br>
</form>
<h2><button onClick="add()">ADD</button><h2>
<h2><button onClick="sub()">SUBTRACT</button></h2>
<h3><button onClick="mul()">MULTIPLY</button></h3>
<h4><button onClick="div()">DIVIDE</button></h4>

<script>
function add()
{
var num1=parseInt(document.getElementById("num1").value);
var num2=parseInt(document.getElementById("num2").value);
 document.getElementById("result").value=num1+num2;
}
```

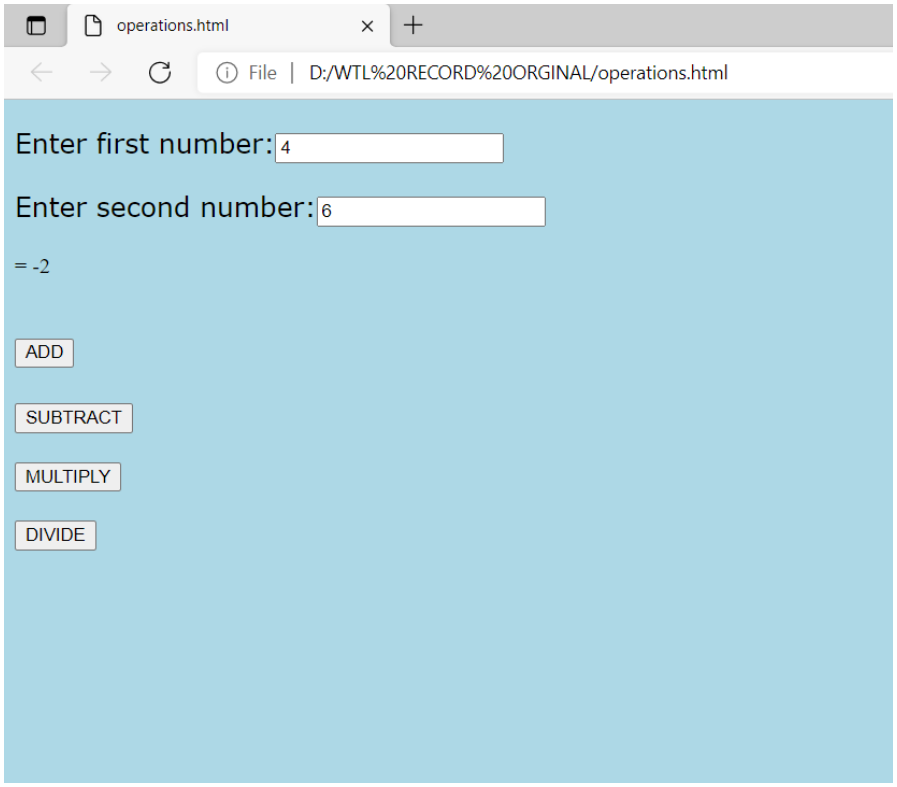
```
function sub()
{
var num1=parseInt(document.getElementById("num1").value);
var num2=parseInt(document.getElementById("num2").value);
 document.getElementById("result").value=num1-num2;
}
function mul()
{
var num1=parseInt(document.getElementById("num1").value);
var num2=parseInt(document.getElementById("num2").value);
 document.getElementById("result").value=num1*num2;
}
function div()
{
var num1=parseInt(document.getElementById("num1").value);
var num2=parseInt(document.getElementById("num2").value);
 document.getElementById("result").value=num1/num2;
}

</script>
</body>
</html>
```

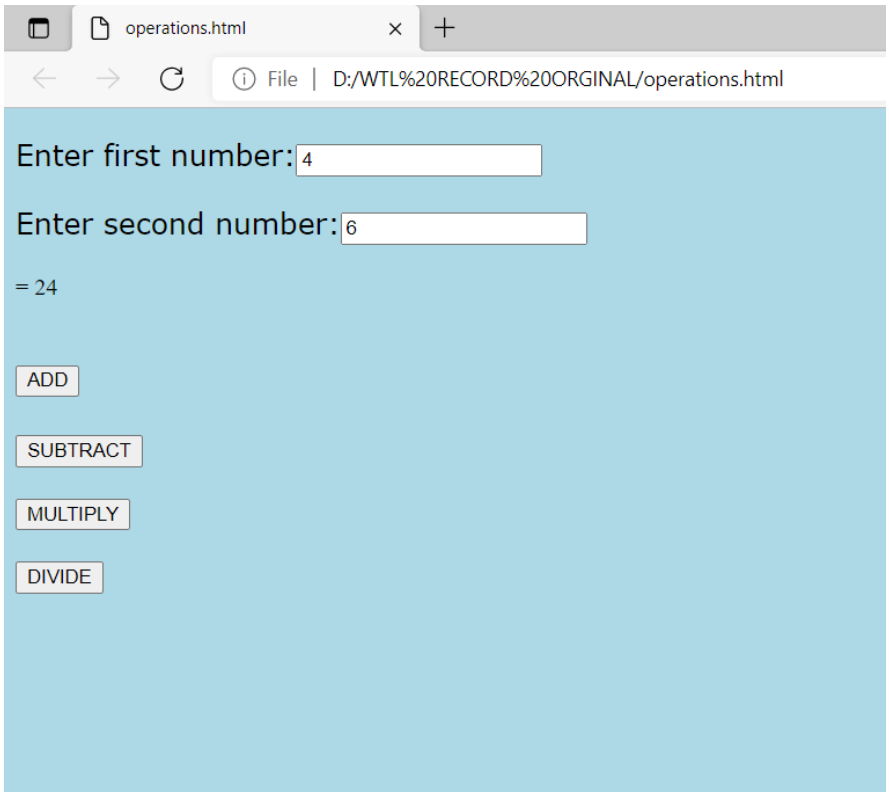
style4.css

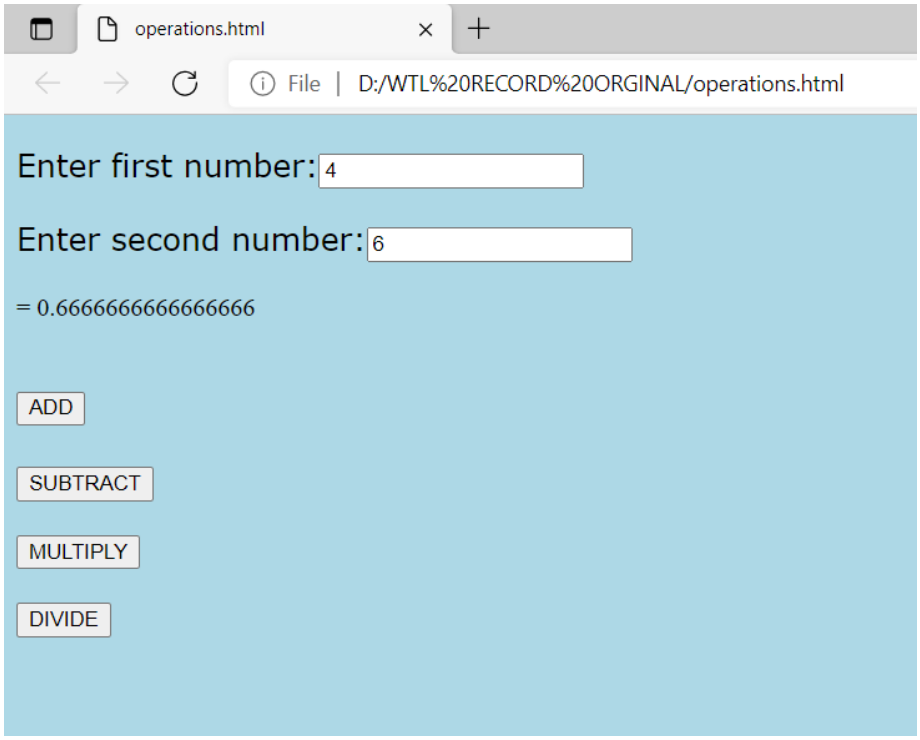
```
body {
  background-color: lightblue;
}

h1 {
  color: white;
  text-align: center;
}

p {
  font-family: verdana;
  font-size: 20px;
}
```

OUTPUT


operations.html
File | D:/WTL%20RECORD%20ORGINAL/operations.html
Enter first number: 4
Enter second number: 6
= 10
ADD
SUBTRACT
MULTIPLY
DIVIDE


operations.html
File | D:/WTL%20RECORD%20ORGINAL/operations.html
Enter first number: 4
Enter second number: 6
= -2
ADD
SUBTRACT
MULTIPLY
DIVIDE


operations.html
File | D:/WTL%20RECORD%20ORGINAL/operations.html
Enter first number: 4
Enter second number: 6
= 24
ADD
SUBTRACT
MULTIPLY
DIVIDE

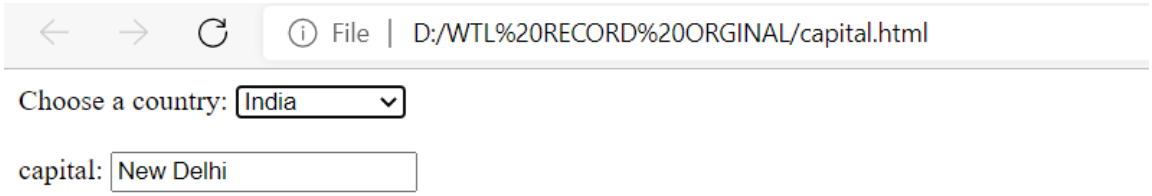

operations.html
File | D:/WTL%20RECORD%20ORGINAL/operations.html
Enter first number: 4
Enter second number: 6
= 0.6666666666666666
ADD
SUBTRACT
MULTIPLY
DIVIDE

PROGRAM #7 **08-02-2022**

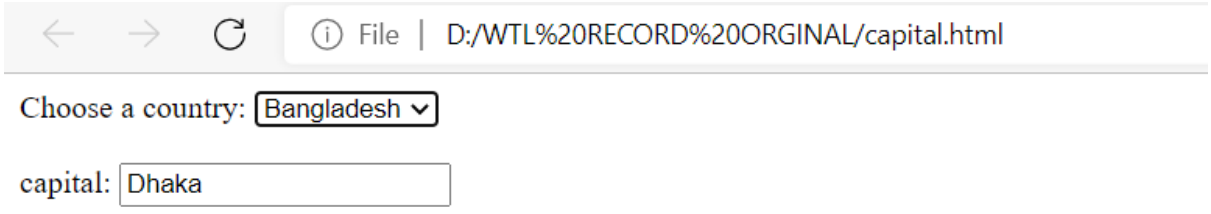
Write a JavaScript program to display Capital of a country using onchange event. The county is selected from a select box and capital is displayed on a TextBox

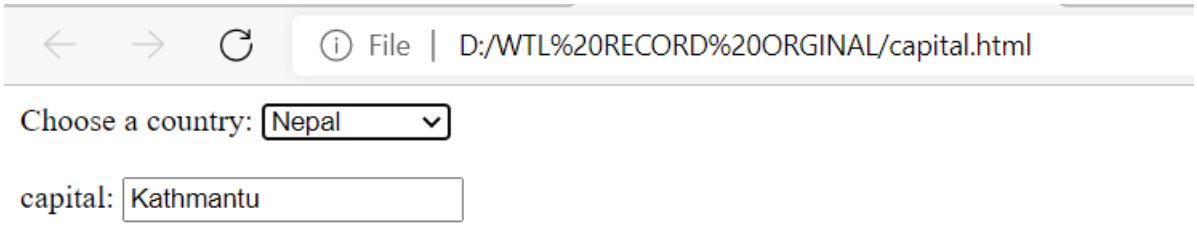
```
<!DOCTYPE html>
<html>
<body>
 Choose a country:
  <select  id="co" onchange="getCapital()">
<option value="">--select--</option>
   <option value="New Delhi">India</option>
   <option value="Colombo">Sreelanka</option>
   <option value="Dhaka">Bangladesh</option>
   <option value="Kathmantu">Nepal</option>
  </select>
<br><br>
capital: <input type = "text" id="cap">

 <script>
function getCapital()
{
var capital = document.getElementById("co").value;
document.getElementById("cap").value=capital;
}
</script>
</body>
</html>
```

OUTPUT


File | D:/WTL%20RECORD%20ORGINAL/capital.html
Choose a country: India
capital: New Delhi

File | D:/WTL%20RECORD%20ORGINAL/capital.html
Choose a country: Sreelanka
capital: Colombo

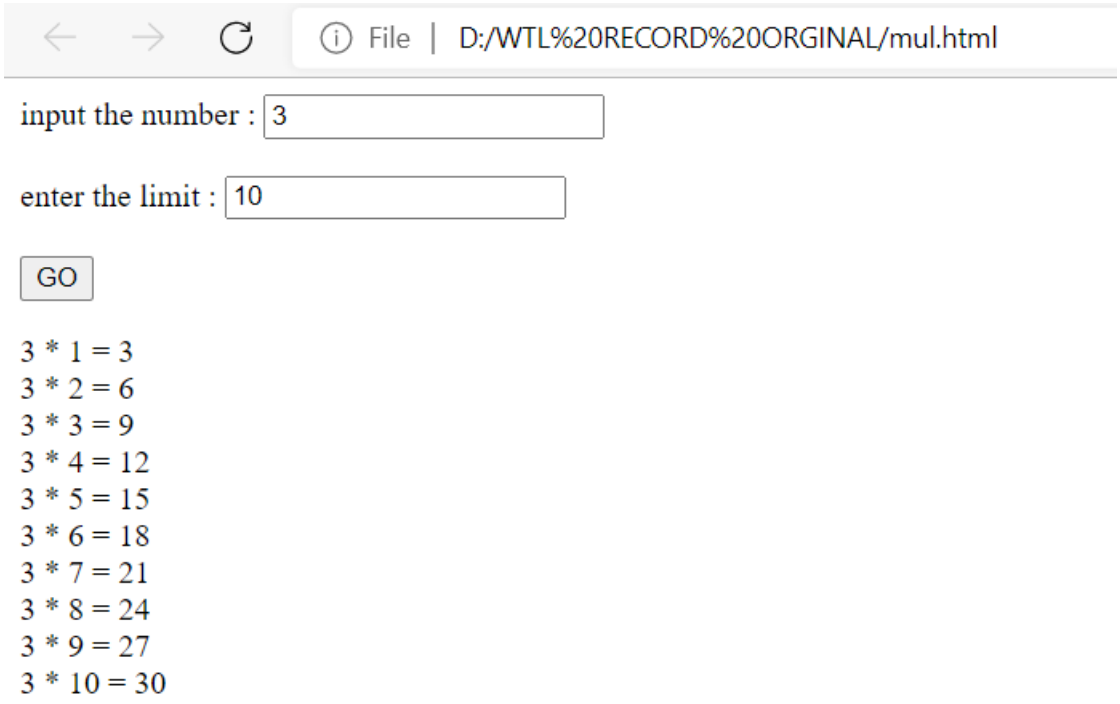

File | D:/WTL%20RECORD%20ORGINAL/capital.html
Choose a country: Bangladesh
capital: Dhaka


File | D:/WTL%20RECORD%20ORGINAL/capital.html
Choose a country: Nepal
capital: Kathmantu

PROGRAM #8	08-02-2022
Design a JavaScript program to display the multiplication table by accepting the number and the limit.	

```
<!doctype html>
<html>
<body>
input the number : <input type="text" id="num">
<br><br>
enter the limit : <input type="text" id="limit">
<br><br>
<button onClick = "table()">GO</button>
<p id = "disp"></p>

<script>
function table()
{
var num = document.getElementById("num").value;
var limit = document.getElementById("limit").value;
var display = " ";
for(i = 1; i <= limit; i++)
        {
        display += num + " * " + i + " = " + i*num + "<br>"
        }
document.getElementById("disp").innerHTML = display;
}
</script>
</body>
</html>
```

OUTPUT

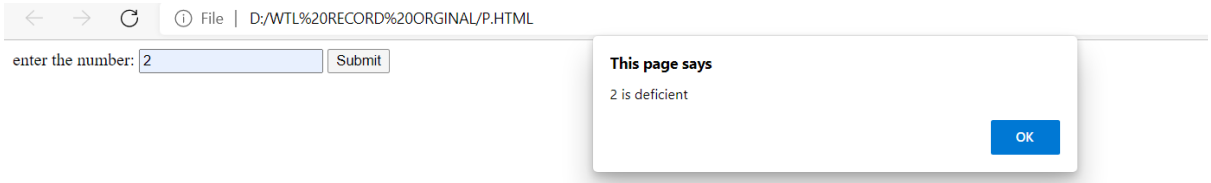

File | D:/WTL%20RECORD%20ORGINAL/mul.html
input the number : 3
enter the limit : 10
GO
3 * 1 = 3
3 * 2 = 6
3 * 3 = 9
3 * 4 = 12
3 * 5 = 15
3 * 6 = 18
3 * 7 = 21
3 * 8 = 24
3 * 9 = 27
3 * 10 = 30

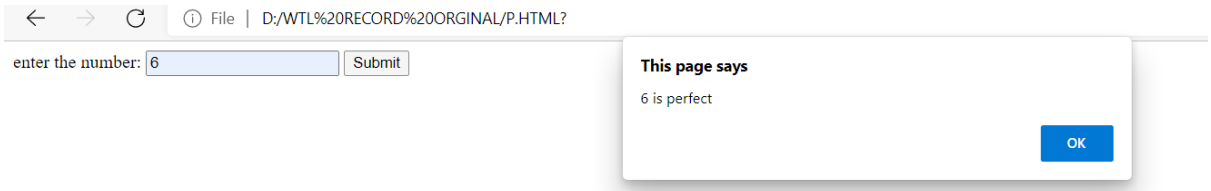
PROGRAM #9	10-02-2022
Write a JavaScript program to check whether a given number is perfect, abundant or deficient. Use alert box to display the output.	

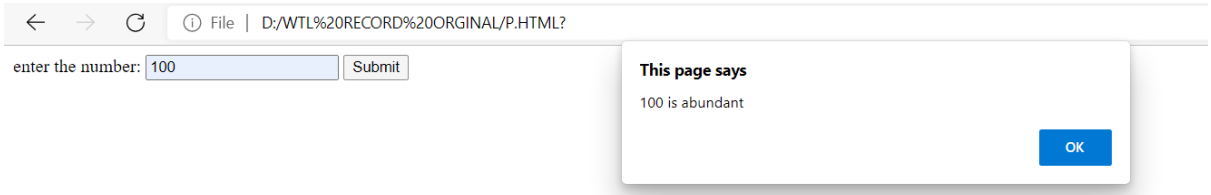
```
<!doctype html>
<html>
<body>
<form onSubmit="numCheck()">
enter the number: <input type="text" id="number">
<input type="submit">

</form>

<script>
function numCheck()
{
var num=document.getElementById("number").value;
var sum_fac=0;

for(var i= 1;i<=num/2;i++)
{
if(num%i==0)
{
 sum_fac += i;

}
}

if(num==sum_fac)
alert(num+ " is perfect");
else if(num>sum_fac)
```

```
alert(num+ " is deficient");
else
alert(num+ " is abundant");
}

</script>
</body>
</html>
```

OUTPUT


File | D:/WTL%20RECORD%20ORGINAL/P.HTML
enter the number: 2
Submit
This page says
2 is deficient
OK

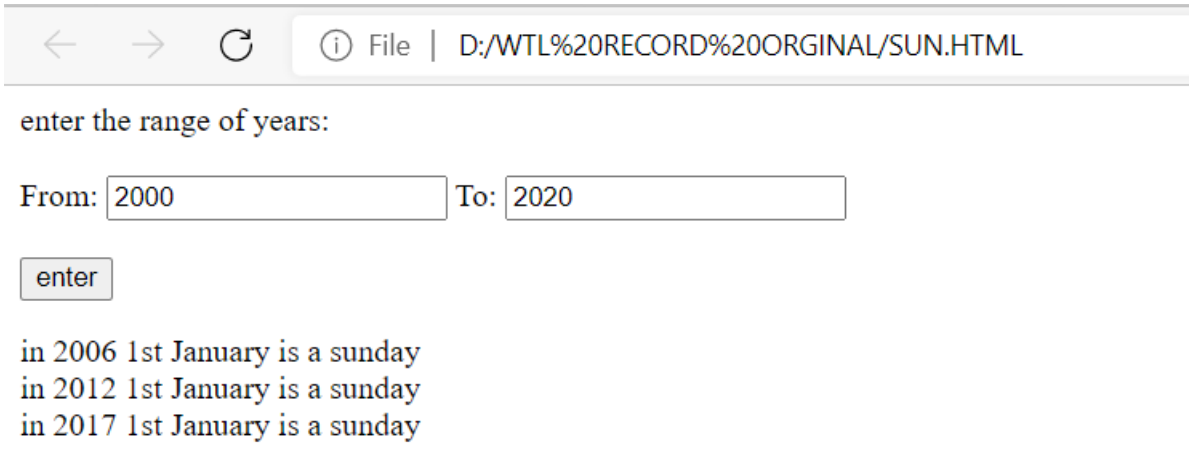

File | D:/WTL%20RECORD%20ORGINAL/P.HTML?
enter the number: 6
Submit
This page says
6 is perfect
OK


File | D:/WTL%20RECORD%20ORGINAL/P.HTML?
enter the number: 100
Submit
This page says
100 is abundant
OK

PROGRAM #10	10-02-2022
Write a JavaScript program to find 1st January be a Sunday between a range of years	

```
<!doctype html>
<html>
<body>
enter the range of years:
<br><br>
 From: <input type="text" id="f_year">  To: <input type="text" id="t_year">
<br><br>
<button onClick="fun()">enter</button>
<p id="op"></p>
<script>
function fun()
{
var year1 = parseInt(document.getElementById("f_year").value);
var year2 = parseInt(document.getElementById("t_year").value);
var opstring = " ";
for(var year = year1; year<=year2; year++)
{
var date = new Date(year,0,1);
if(date.getDay()==0)
 opstring += "in "+ year + " 1st January is a sunday"+"<br>";
}
document.getElementById("op").innerHTML=opstring;
}
</script>
</body>
</html>
```

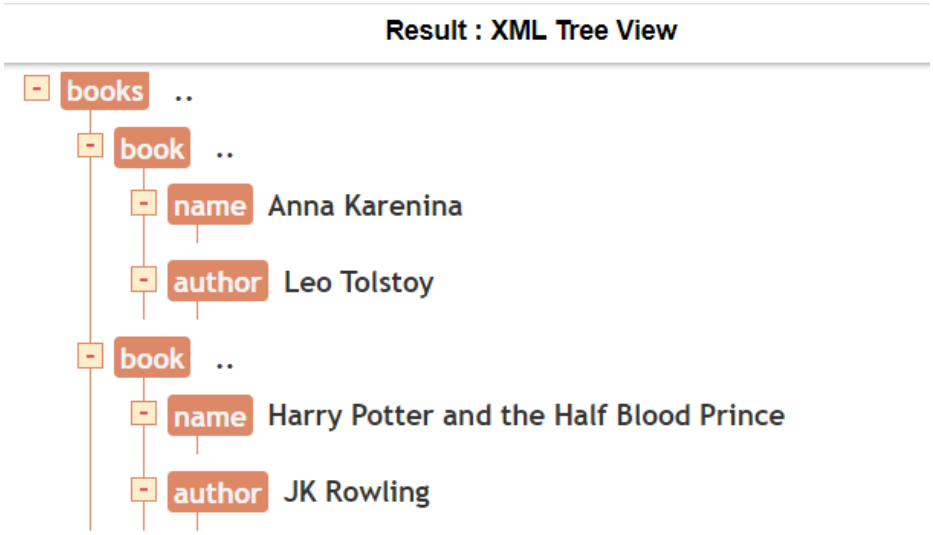
OUTPUT


File | D:/WTL%20RECORD%20ORGINAL/SUN.HTML
enter the range of years:
From: 2000
To: 2020
enter
in 2006 1st January is a sunday
in 2012 1st January is a sunday
in 2017 1st January is a sunday

PROGRAM #11	13-02-2022
XML program to print details of a books	

```
<?xml version = "1.0" encoding = "UTF-8" ?>
<books>
<book>
    <name>Anna Karenina</name>
    <author>Leo Tolstoy</author>
</book>
<book>
    <name>Harry Potter and the Half Blood Prince</name>
    <author>JK Rowling</author>
</book>
</books>
```

OUTPUT


Result : XML Tree View
books
book
name
Anna Karenina
author
Leo Tolstoy
book
name
Harry Potter and the Half Blood Prince
author
JK Rowling

PROGRAM #12	13-02-2022
XML program to print details of a breakfast menu	

```
<breakfast_menu>
<food>
<name>Belgian Waffles</name>
<price>$5.95</price>
<description>Two of our famous Belgian Waffles with plenty of real maple
syrup</description>
<calories>650</calories>
</food>
<food>
<name>Strawberry Belgian Waffles</name>
<price>$7.95</price>
<description>Light Belgian waffles covered with strawberries and whipped
cream</description>
<calories>900</calories>
</food>
<food>
<name>Berry-Berry Belgian Waffles</name>
<price>$8.95</price>
<description>Light Belgian waffles covered with an assortment of fresh berries and
whipped
cream</description>
<calories>900</calories>
</food>
<food>
<name>French Toast</name>
<price>$4.50</price>
<description>Thick slices made from our homemade sourdough bread</description>
```

<calories>600</calories>

</food>

<food>

<name>Homestyle Breakfast</name>

<price>$6.95</price>

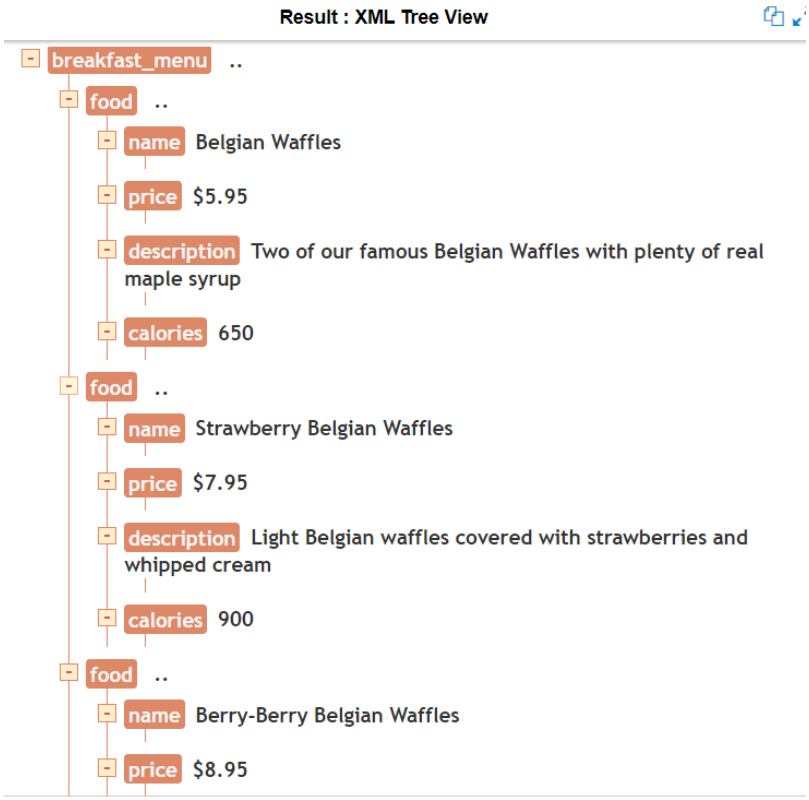
<description>Two eggs, bacon or sausage, toast, and our ever-popular hash browns</description>

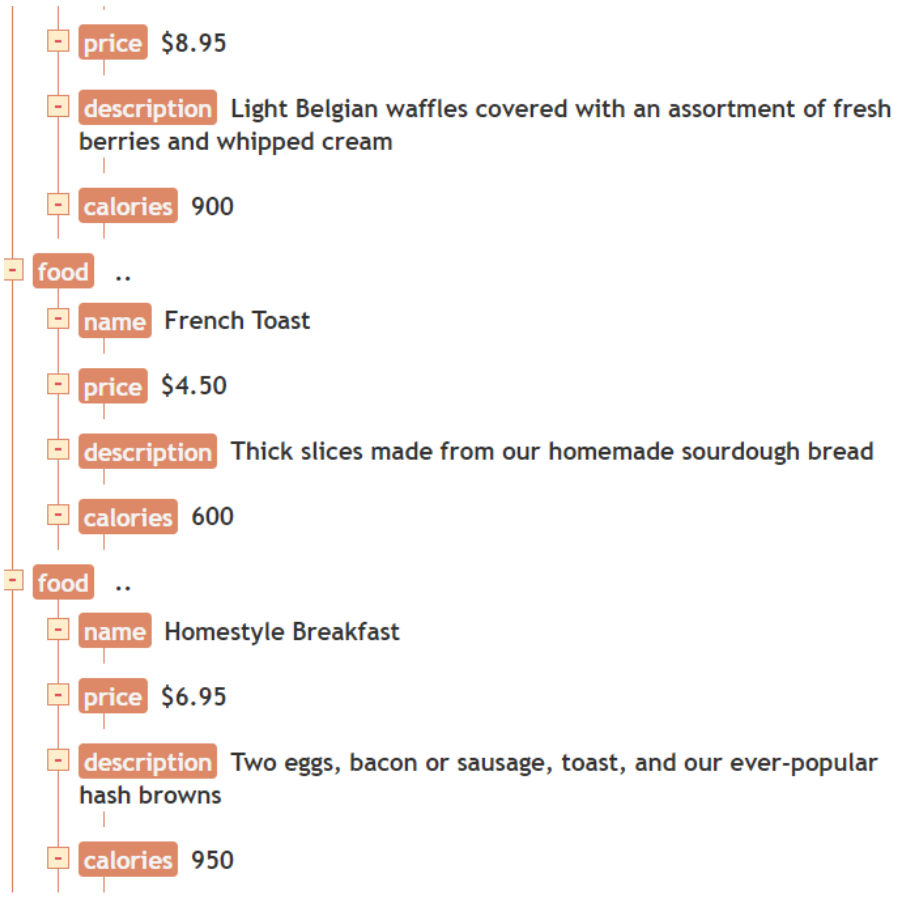
<calories>950</calories>

</food>

</breakfast_menu>

OUTPUT

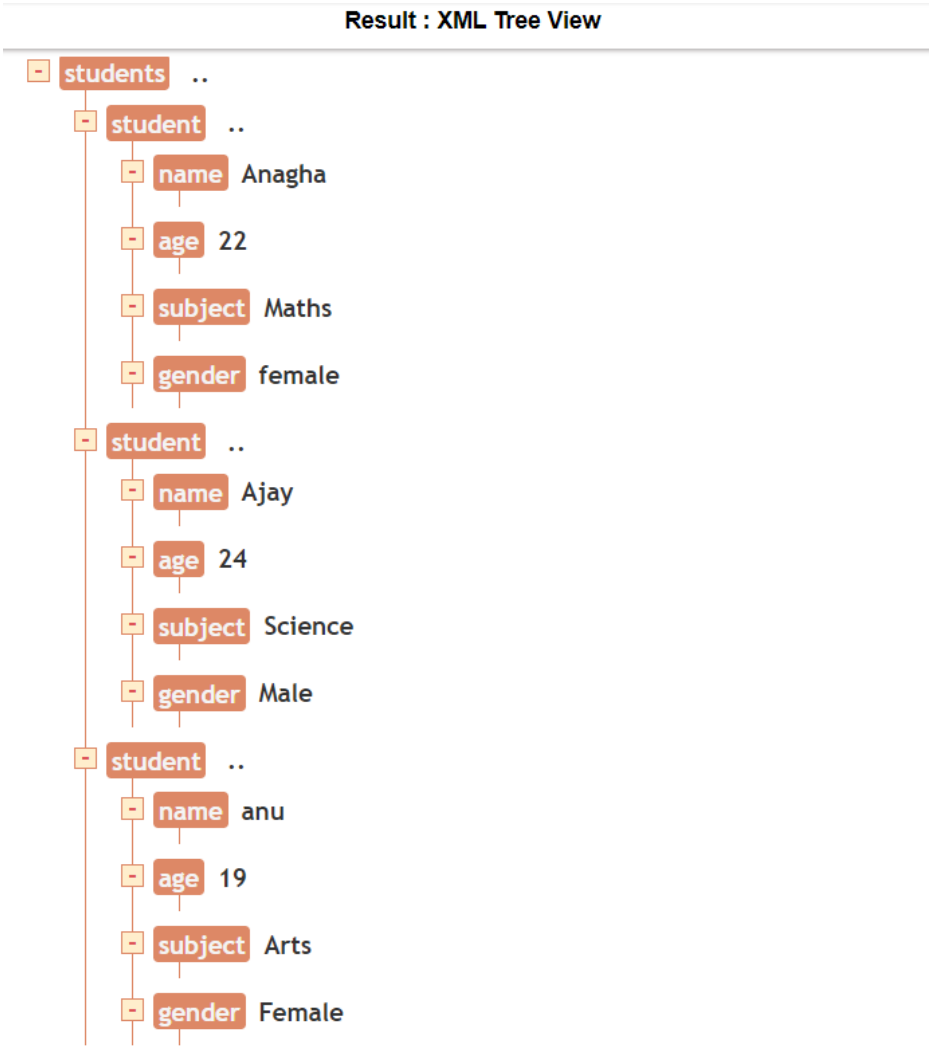

Result : XML Tree View
breakfast_menu ..
food ..
name Belgian Waffles
price $5.95
description Two of our famous Belgian Waffles with plenty of real maple syrup
calories 650
food ..
name Strawberry Belgian Waffles
price $7.95
description Light Belgian waffles covered with strawberries and whipped cream
calories 900
food ..
name Berry-Berry Belgian Waffles
price $8.95


price $8.95
description Light Belgian waffles covered with an assortment of fresh berries and whipped cream
calories 900
food ..
name French Toast
price $4.50
description Thick slices made from our homemade sourdough bread
calories 600
food ..
name Homestyle Breakfast
price $6.95
description Two eggs, bacon or sausage, toast, and our ever-popular hash browns
calories 950

PROGRAM #13	13-02-2022
XML program to print details of students	

```
<?xml version = "1.0" encoding = "UTF-8" ?>
<students>
 <student>
  <name>Anagha</name>
  <age>22</age>
  <subject>Maths</subject>
  <gender>female</gender>
 </student>
 <student>
  <name>Ajay </name>
  <age>24</age>
  <subject>Science</subject>
  <gender>Male</gender>
 </student>
 <student>
  <name>anu</name>
  <age>19</age>
  <subject>Arts</subject>
  <gender>Female</gender>
 </student>
</students>
```

OUTPUT


Result : XML Tree View
students ..
student ..
name Anagha
age 22
subject Maths
gender female
student ..
name Ajay
age 24
subject Science
gender Male
student ..
name anu
age 19
subject Arts
gender Female

PROGRAM #14	15-02-2022
AJAX Program to retrieve data from a text	

```
<!DOCTYPE html>
<html>
<body>
<div id="demo">
<h2>The XMLHttpRequest Object</h2>
<button type="button" onclick="loadDoc()">Change Content</button>
</div>
<script>
function loadDoc() {
 const xhttp = new XMLHttpRequest();
 xhttp.onload = function() {
 document.getElementById("demo").innerHTML =
 this.responseText;
 }
 xhttp.open("GET", "ajax_info.txt.txt");
 xhttp.send();
}
</script>
</body>
</html>
```

/*AJAX TXT*/

AJAX

AJAX is not a programming language.

AJAX is a technique for accessing web servers from a web page.

AJAX stands for Asynchronous JavaScript And XML.

OUTPUT

AJAX AJAX is not a programming language. AJAX is a technique for accessing web servers from a web page. AJAX stands for Asynchronous JavaScript And XML.

PROGRAM #15	15-02-2022
AJAX Program to retrieve all header information of a file	

```
<html>
<body>
<h2>The XMLHttpRequest Object</h2>
<p>The getAllResponseHeaders() function returns all the header information of a resource, like
length, server-type, content-type, last-modified, etc:</p>
<p id="demo"></p>
<script>
const xhttp = new XMLHttpRequest();
xhttp.onload = function() {
 document.getElementById("demo").innerHTML =
 this.getAllResponseHeaders();
}
xhttp.open("GET", "ajax_info.txt");
xhttp.send();
</script>
</body>
</html>
```

OUTPUT

The XMLHttpRequest Object
The getAllResponseHeaders() function returns all the header information of a resource, like length, server-type, content-type, last-modified, etc:
accept-ranges: bytes content-length: 159 content-type: text/plain date: Sun, 06 Mar 2022 15:23:18 GMT etag: "9f-5d98dd253ab68" last-modified: Sun, 06 Mar 2022 14:47:05 GMT server: Apache/2.4.52 (Win64) OpenSSL/1.1.1m PHP/8.1.2

PROGRAM #16	17-02-2022
AJAX Program to retrieve all specific information of a file	

```
<!DOCTYPE html>
<html>
<body>
<h2>The XMLHttpRequest Object</h2>
<p>The getAllResponseHeaders() function returns all the header information of a resource, like
length, server-type, content-type, last-modified, etc:</p>
<p id="demo"></p>
<script>
const xhttp = new XMLHttpRequest();
xhttp.onload = function() {
 document.getElementById("demo").innerHTML =
 this.getAllResponseHeaders();
}
xhttp.open("GET", "ajax_info.txt");
xhttp.send();
</script>
</body>
</html>
```

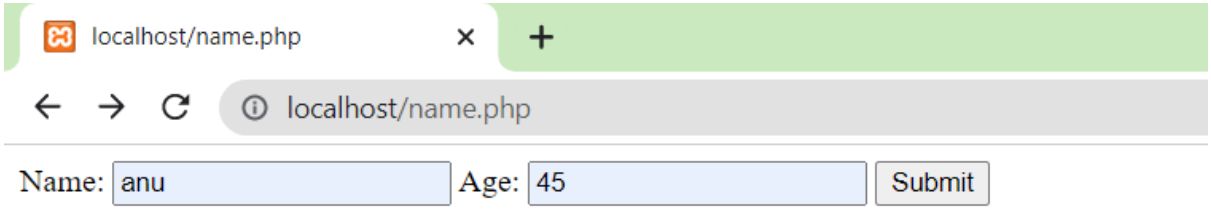
OUTPUT

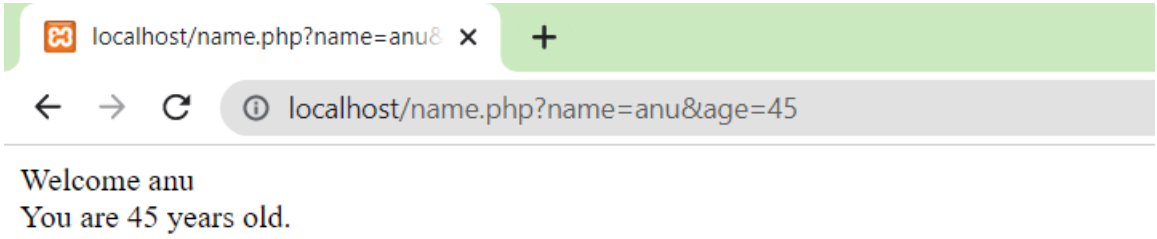
The XMLHttpRequest Object
The getAllResponseHeaders() function returns all the header information of a resource, like length, server-type, content-type, last-modified, etc:
accept-ranges: bytes content-length: 159 content-type: text/plain date: Sun, 06 Mar 2022 15:23:18 GMT etag: "9f-5d98dd253ab68" last-modified: Sun, 06 Mar 2022 14:47:05 GMT server: Apache/2.4.52 (Win64) OpenSSL/1.1.1m
PHP/8.1.2

PROGRAM #17	17-02-2022
Php program to submit name and age	

```
<?php
  if(isset( $_GET["name"] )|| isset($_GET["age"] )) {
     echo "Welcome ". $_GET['name']. "<br />";
     echo "You are ". $_GET['age']. " years old.";

     exit();
  }
?>
<html>
  <body>

     <form action = "<?php $_PHP_SELF ?>" method = "GET">
       Name: <input type = "text" name = "name" />
       Age: <input type = "text" name = "age" />
       <input type = "submit" />
     </form>

  </body>
</html>
```

OUTPUT


localhost/name.php
localhost/name.php
Name: anu
Age: 45
Submit

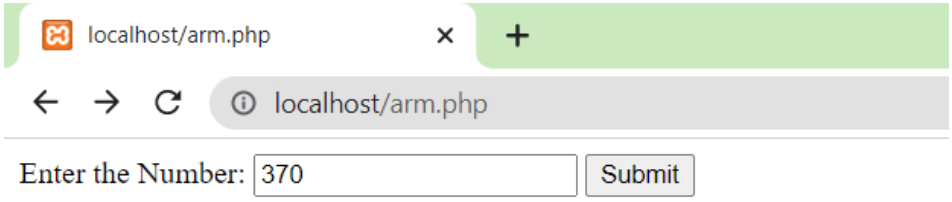

localhost/name.php?name=anu&
localhost/name.php?name=anu&age=45
Welcome anu
You are 45 years old.

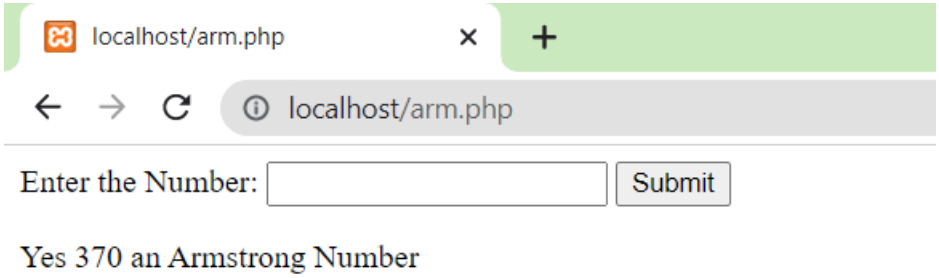
PROGRAM #18 **20-02-2022**

PHP program to check whether a given number is Armstrong or not.

```
<html>
<body>
 <form method="post">
 Enter the Number:
  <input type="number" name="number">
  <input type="submit" value="Submit">
 </form>
</body>
</html>
<?php
 if($_POST)
 {

  $number = $_POST['number'];

  $a = $number;
  $sum  = 0;

  while( $a != 0 )
  {
   $rem   = $a % 10;
   $sum   = $sum + ( $rem * $rem * $rem );
   $a   = $a / 10;
  }

  if( $number == $sum )
  {
   echo "Yes $number an Armstrong Number";
  }else
  {
   echo "$number is not an Armstrong Number";
  }
 }
?>
```

OUTPUT


localhost/arm.php
localhost/arm.php
Enter the Number: 370
Submit

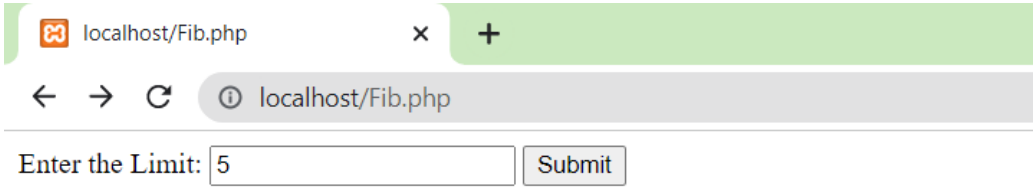

localhost/arm.php
localhost/arm.php
Enter the Number:
Submit
Yes 370 an Armstrong Number

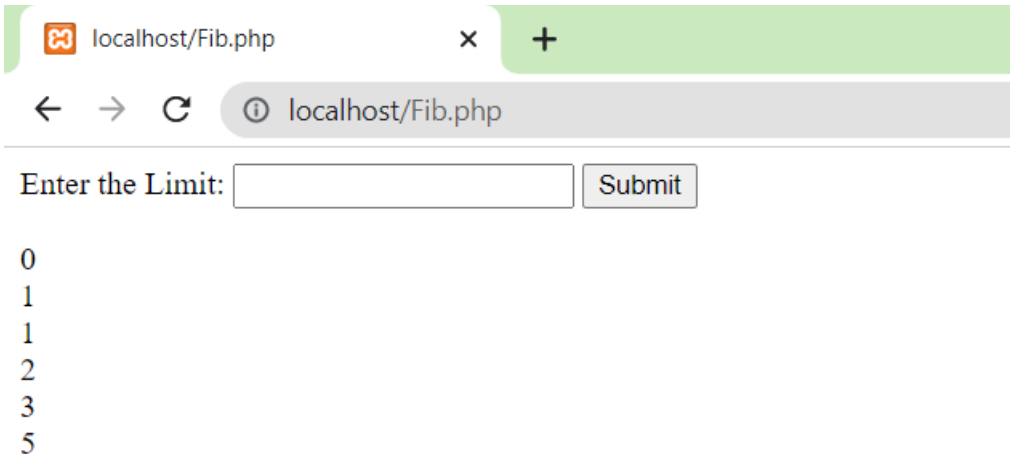
PROGRAM #19	20-02-2022
Display the Fibonacci series up to a given number using php	

```
<html>
<body>
 <form method="post">
 Enter the Limit:
  <input type="number" name="limit">
  <input type="submit" value="Submit">
 </form>
</body>
</html>
<?php
 if($_POST)
 {

  $limit = $_POST['limit'];

  $n1 =0 ;
 if($n1 <= $limit)
{
 echo $n1 . "<br>";
}
 $n2 = 1;
if($n2<=$limit)
{
 echo $n2 . "<br>";
```

```
}
$n3 =$n1 + $n2;
while($n3 <= $limit)
{
echo $n3 . "<br>";
$n1 = $n2;
$n2 = $n3;
$n3 = $n1 + $n2;
}
 }
?>
```

OUTPUT

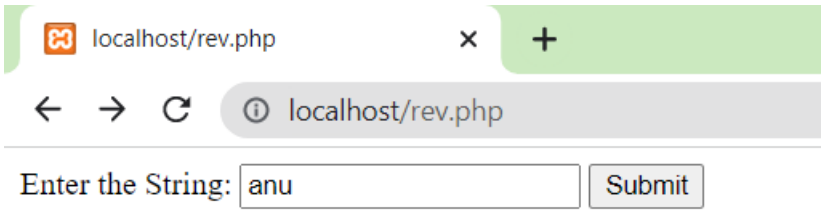

localhost/Fib.php
localhost/Fib.php
Enter the Limit: 5
Submit

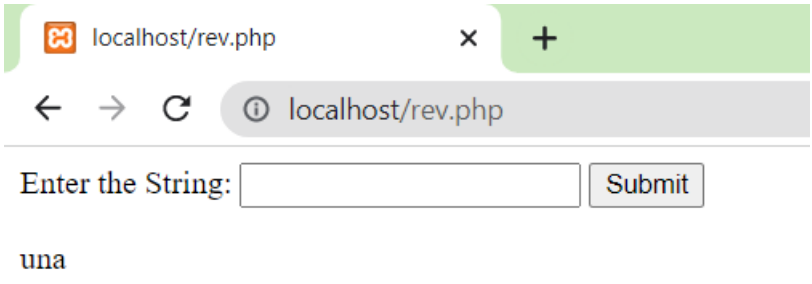

localhost/Fib.php
localhost/Fib.php
Enter the Limit:
Submit
0
1
1
2
3
5

PROGRAM #20	20-02-2022
Write a PHP Program to reverse a string	

```
<html>
<body>
 <form method="post">
 Enter the String:
   <input type="text" name="str">
   <input type="submit" value="Submit">
 </form>
</body>
</html>
<?php
if($_POST)
{
$str = $_POST['str'];
$length = strlen($str);
for ($i=($length-1) ; $i >= 0 ; $i--)
{
  echo $str[$i];
}
}
?>
```

OUTPUT

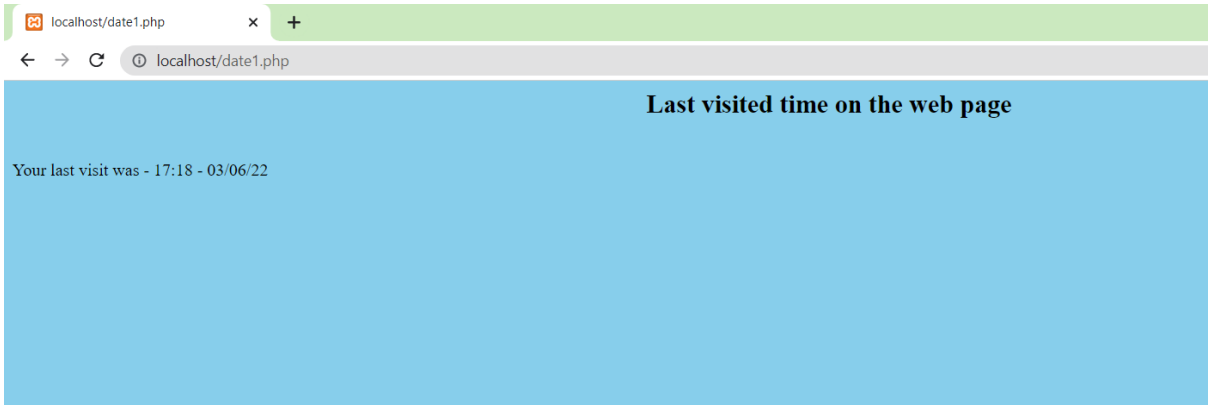

localhost/rev.php
localhost/rev.php
Enter the String: anu
Submit


localhost/rev.php
localhost/rev.php
Enter the String:
Submit
una

PROGRAM #21	21-02-2022
PHP program to store current date-time in a cookie and display the Last visited date-time on the web page upon revisiting the same web page.	

```
<html>
<body bgcolor="87ceeb">
<center><h2> Last visited time on the web page</h2></center>
<br>
<?php


$inTwoMonths = 60 * 60 * 24 * 60 + time();
setcookie('lastVisit', date("G:i - m/d/y"), $inTwoMonths);
if(isset($_COOKIE['lastVisit']))

{
$visit = $_COOKIE['lastVisit'];
echo "Your last visit was - ". $visit;
}
else
echo "You've got some stale cookies!";
?>
</body>
</html>
```

OUTPUT


localhost/date1.php
localhost/date1.php
Last visited time on the web page
Your last visit was - 17:18 - 03/06/22

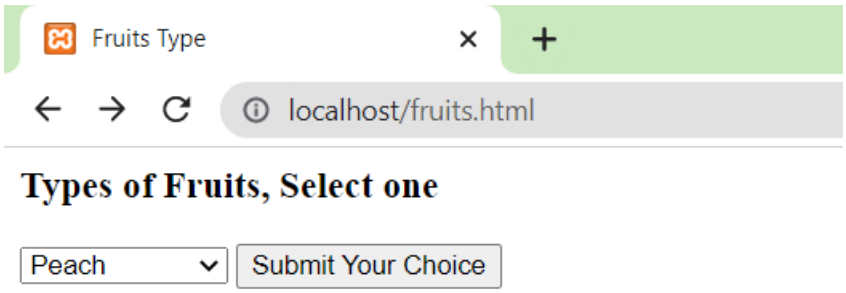
PROGRAM #22	21-02-2022
Write an HTML page to display a list of fruits in a list box. Write php program to display the selected fruits in a webpage.	

```
<html>
<head><title>Fruits Type</title>
<body>
<form action=listbox.php method = GET>
<h3> Types of Fruits, Select one </h3>
<select name=select>
<optgroup label="Simple Fruits">
<option value="Apple"> Apple</option>
<option value=Pear">Pear</option>
option value="Tomato">Tomato/option>
<option value="Peach"> Peach</option>
<option value="Cherry"> Cherry </option>
<option value="Bean">Bean</option>
<option value="Pea">Pea</option>
<option value="Coconut"> Coconut</option></optgroup>
<optgroup label="Aggregate Fruits">
<option value="Raspberry">Raspberry</option>
<option value="Blackberry">Blackberry</option>
<option value="Strawberry">Strawberry</option></optgroup>
<optgroup label="Multiple Fruits" >
<option value="Breadfruit">Breadfruit</option>
<option value="Pineapple">Pineapple</option>
<option value="Mulberry">Mulberry</option>
<option value="Jackfruit">Jackfruit
</option>
</optgroup></select>
<input type=submit name=submit value="Submit Your Choice" >
</form></body>
```

Listbox.php

```
<html>
<head>
<title>Fruits Type</title>
</head>
<body>
<?php
echo "<h3>you have selected". $_GET['select']."</h3>";
?>

</body>
</html>
```

OUTPUT


Fruits Type
localhost/fruits.html
Types of Fruits, Select one
Peach
Submit Your Choice

Fruits Type
localhost/listbox.php?select=Peach&submit=Submit+Your+Choice
you have selectedPeach

PROGRAM #23	22-02-2022
Create a simple HTML form and accept the user name and password and display the name and password through PHP echo statement.	

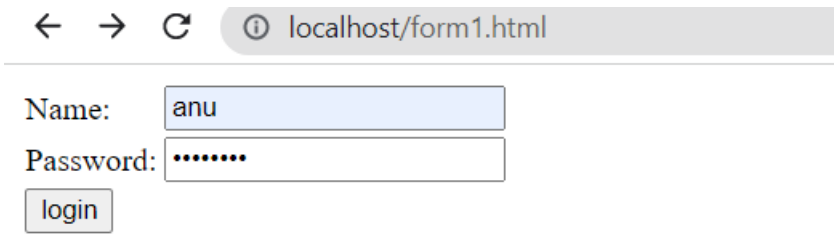
Form1.html

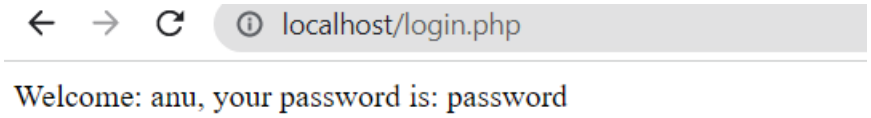
```
<form action="login.php" method="post">
<table>
<tr><td>Name:</td><td> <input type="text" name="name"/></td></tr>
<tr><td>Password:</td><td> <input type="password" name="password"/></td></tr>
<tr><td colspan="2"><input type="submit" value="login"/>  </td></tr>
</table>
</form>
```

Login.php

```
<?php
$name=$_POST["name"];
$password=$_POST["password"];

echo "Welcome: $name, your password is: $password";
?>
```

OUTPUT



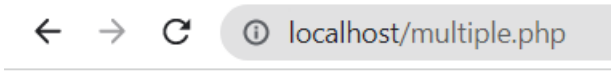


Welcome: anu, your password is: password

PROGRAM #24	22-02-2022
Multiples of seven implemented using PHP	

```
<?php
define('a', 7);
for($i=1; $i<=10; $i++)
{
 echo $i*a;
 echo '<br>';
}
?>
```

OUTPUT

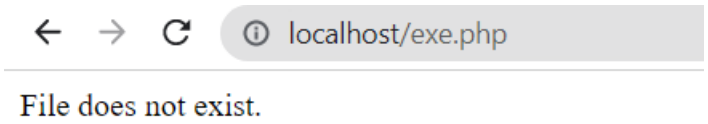


7
14
21
28
35
42
49
56
63
70

PROGRAM #25	23-02-2022
Implementing Exception handling using php	

```
<?php
$filename = "palin.php";
if (file_exists($filename)) {
 echo "File exist.";
} else {
 echo "File does not exist.";
}
?>
```

OUTPUT

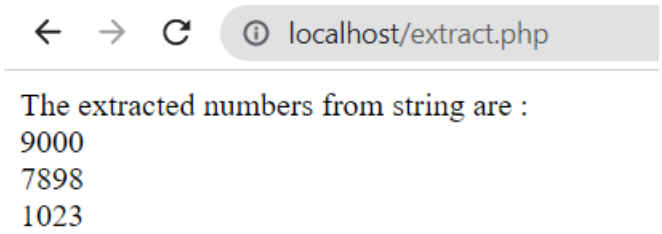


File does not exist.

PROGRAM #26	23-02-2022
Extracting number from string using php	

```
<?php
 $string = '$ 9000';
 echo "The extracted numbers from string are :";
 echo "\n<br/>";
 echo preg_replace("/[^0-9]/", '', $string);
 echo "\n<br/>";

 $string2 = '$ 7898';
 echo preg_replace("/[^0-9\.]/", '', $string2);
 echo "\n<br/>";

 $string3 = 'Mike has 10 red and 23 blue balls';
 echo preg_replace("/[^0-9]/", '', $string3);
 echo "\n";
?>
```

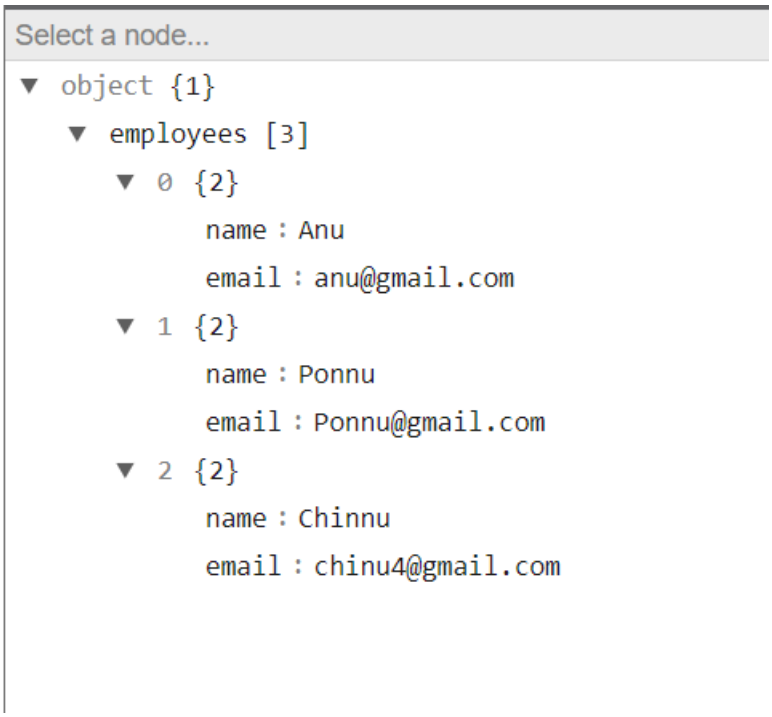
OUTPUT


localhost/extract.php
The extracted numbers from string are :
9000
7898
1023

PROGRAM #27	27-02-2022
Program to display email details using JSON	

```
{"employees":[
 {"name":"Anu", "email":"anu@gmail.com"},
 {"name":"Ponnu", "email":"Ponnu@gmail.com"},
 {"name":"Chinnu", "email":"chinu4@gmail.com"}
]}
```

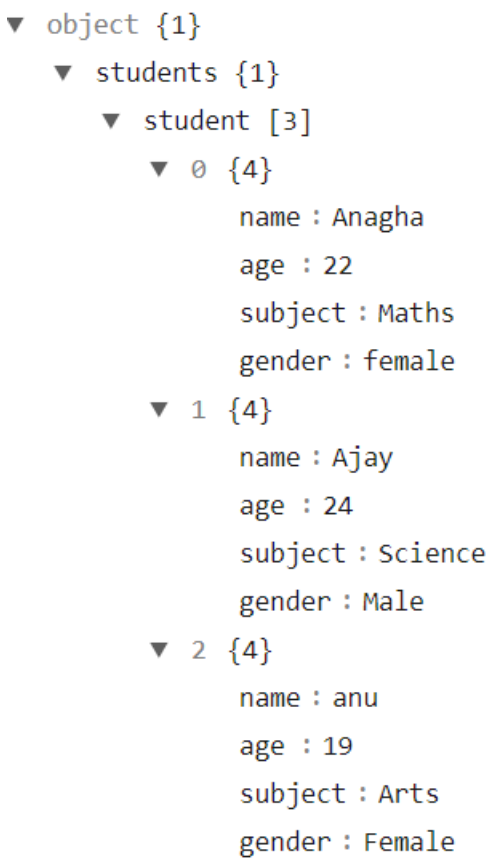
OUTPUT


Select a node...
object {1}
employees [3]
0 {2}
name : Anu
email : anu@gmail.com
1 {2}
name : Ponnu
email : Ponnu@gmail.com
2 {2}
name : Chinnu
email : chinu4@gmail.com

PROGRAM #28	28-02-2022
Program to display details of students	

```
{
	"students": {
		"student": [
			{
				"name": "Anagha",
				"age": "22",
				"subject": "Maths",
				"gender": "female"
			},
			{
				"name": "Ajay",
				"age": "24",
				"subject": "Science",
				"gender": "Male"
			},
			{
				"name": "anu",
				"age": "19",
				"subject": "Arts",
				"gender": "Female"
			}
		]
	}
}
```

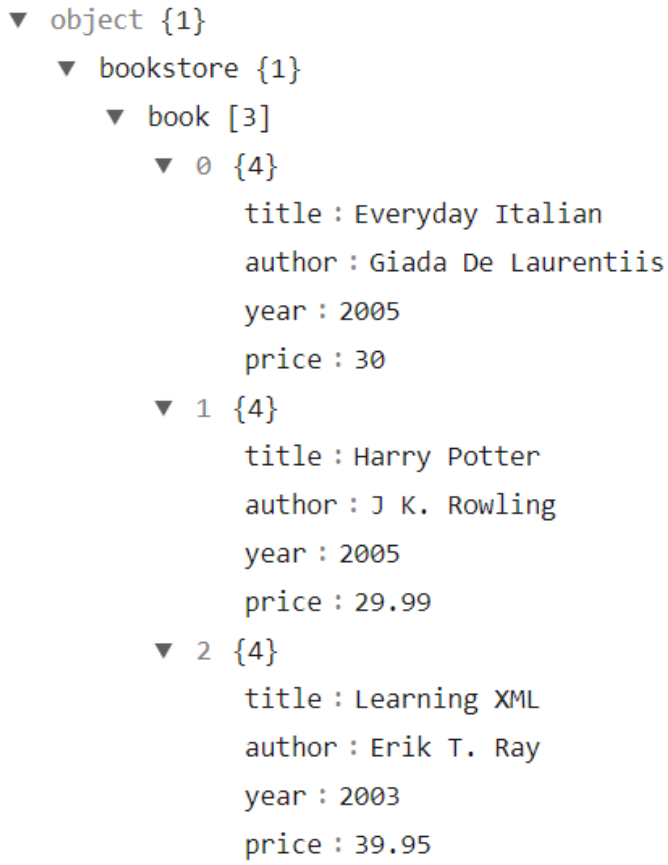
OUTPUT


▼ object {1}
▼ students {1}
▼ student [3]
▼ 0 {4}
name : Anagha
age : 22
subject : Maths
gender : female
▼ 1 {4}
name : Ajay
age : 24
subject : Science
gender : Male
▼ 2 {4}
name : anu
age : 19
subject : Arts
gender : Female

PROGRAM #29	01-03-2022
Program to display details of books	

```
{
 "bookstore": {
 "book": [
 {
 "title": "Everyday Italian",
 "author": "Giada De Laurentiis",
 "year": 2005,
 "price": 30
 },
 {
 "title": "Harry Potter",
 "author": "J K. Rowling",
 "year": 2005,
 "price": 29.99
 },
 {
 "title": "Learning XML",
 "author": "Erik T. Ray",
 "year": 2003,
 "price": 39.95
 }
 ]
 }}
```

OUTPUT


▼ object {1}
▼ bookstore {1}
▼ book [3]
▼ 0 {4}
title : Everyday Italian
author : Giada De Laurentiis
year : 2005
price : 30
▼ 1 {4}
title : Harry Potter
author : J K. Rowling
year : 2005
price : 29.99
▼ 2 {4}
title : Learning XML
author : Erik T. Ray
year : 2003
price : 39.95