

# **FEDERAL INSTITUTE OF SCIENCE AND TECHNOLOGY (FISAT)<sup>TM</sup>**

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**FOCUS ON EXCELLENCE**

**20MCA133.WEB PROGRAMMING LAB**

**LABORATORY RECORD**

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**Semester: 1      Batch: A      Roll No: 09**

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FOCUS ON EXCELLENCE

## CERTIFICATE

*This is to certify that this is a Bonafide record of the Practical work done by **AKHILA DISON (FIT21MCA-2009)** in the **20MCA133 WEB PROGRAMMING LAB** Laboratory towards the partial fulfilment for the award of the Master Of Computer Applications during the academic year 2021-2022.*

Signature of Staff in Charge

Name:

Signature of H O D

Name:

**Date of University practical examination .....**

Signature of  
Internal Examiner

Signature of  
External Examiner

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**Experiment No:- 1**

**Aim:-** Model a simple HTML file related to your native place to demonstrate the usage of different tags

**Program:-**

```
<html>

<head>
<title>MY HOMETOWN</title>
</head>
<body bgcolor="lightblue">
<h1><center>Irinjalakuda</center></h1>
<h1><center>-----</center></h1>
<p><h2>Irinjalakuda is a municipal town in Thrissur district, Kerala, India. It is the
headquarters of Irinjalakuda Revenue Division and Mukundapuram Taluk. The place is well-
known for Koodalmanikyam Temple and the Thachudaya Kaimals who had princely status
until 1971.</h2></p>
<p><h2>For knowing more about irinjalakuda, like:</h2><P><div>
<div style="width:50%">
<ol>
<li><strong>History</strong></li>
<li><strong>Mythological History</strong></li>
<li><strong>Culthure</strong></li>
<li><strong>Entertainment</strong></li>
<li><strong>population</strong></li>
</ol></div>
<div style="width:30%">
<h3>Follow </h3><center><a
href="https://en.wikipedia.org/wiki/Irinjalakuda"></center>irinjalakuda</a>


<h3><i>The name Irinjalakuda has been derived from "Iru" and "Chaal", meaning two
streams. According to another legend, the origin of the name Irinjalakuda came from
'Irinjalikoodal'. 'Koodal' simply means merge, merging of two rivers. So it shows that
Irinjalakuda may have gradually developed, from 'Irinjalikoodal', that derived from
'Inangikoodal', means merge. At present there is no river in Irinjalakuda, only the myth of
river.

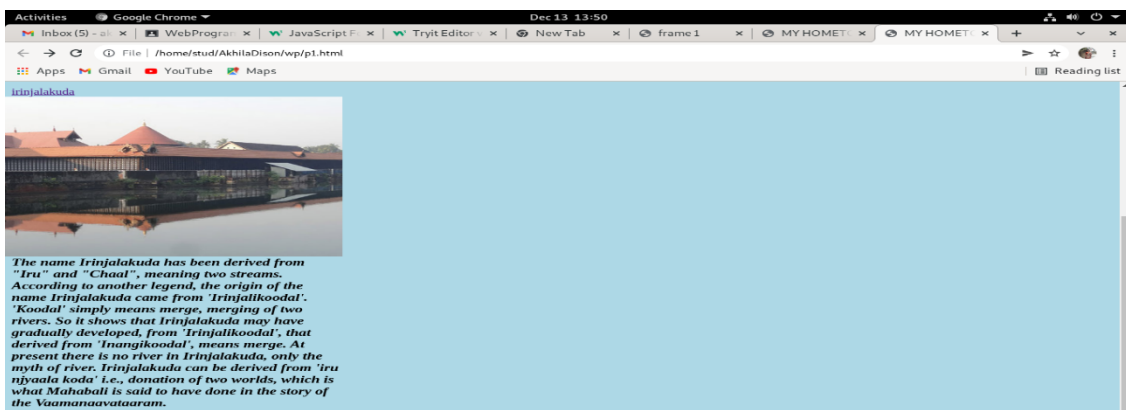
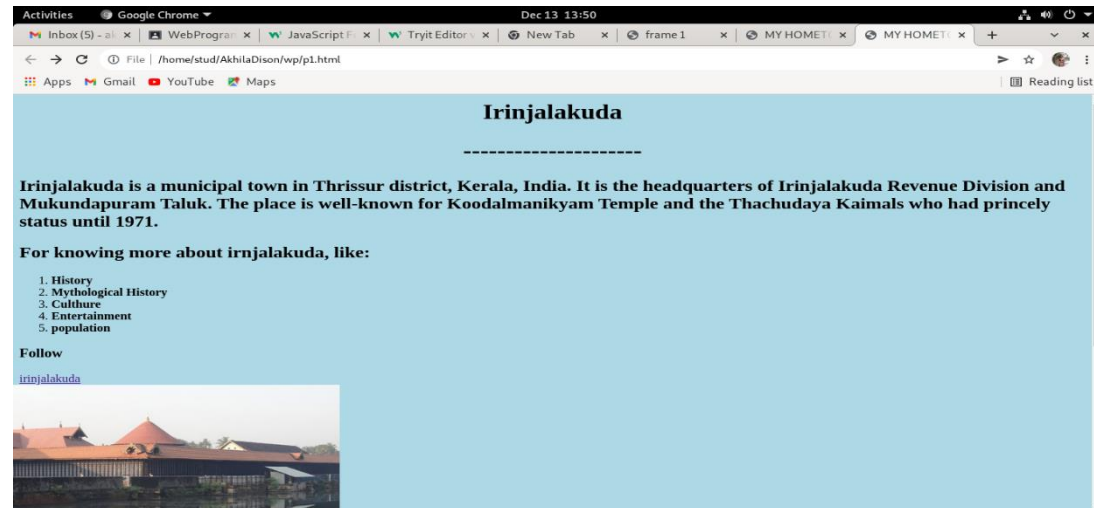
Irinjalakuda can be derived from 'iru njyaala koda' i.e., donation of two worlds, which is
what Mahabali is said to have done in the story of the Vaamanaavataaram. </i></h3>
```

```
</div></div>
```

```
</body>
```

```
</html>
```

**Output:-**



**Experiment no.:- 2**

**Aim:-**Create your bio data by using the html tags for hyperlinks, images, table, frame and fonts . Make it attractive by using the various colour elements. The design should contain a minimum of 3 hyperlinks

**Program:-**

```
<html>
<head>
<title>biodata</title>
</head>
<body>
<h1 align="center">BIODATA FORM</h1>
<table width="600" border="10" align="center">
<div>
<tr>
<td colspan="2"></td>
<tr>
<td>NAME</td>
<td>AKHILA DISON</td>
</tr>
<td>ADDRESS</td>
<td>ALOOKARAN HOUSE</td>
</tr>
<td>Place</td>
<td>THRISSUR</td>
</tr>
<td>DOB</td>
<td>02/05/2000</td>
</tr>
<td>GENDER</td>
<td>FEMALE</td>
</tr>
<td>MOBILE NUMBER</td>
<td>730XXXXXXX</td>
</tr>
<td>EMAIL ID</td>
<td>akhiladison00@gmail.com</td>
</tr>
```

```
<td>QUALIFICATION</td>
```

```
<td> B.C.A.</td>
```

```
</div>
```

```
</body>
```

```
</html>
```

**Output:-**

NAME	AKHILA DESON
ADDRESS	ALCOOKARAN HOUSE
Place	THRISSUR
DOB	02/05/2000
GENDER	FEMALE
MOBILE NUMBER	730XXXXXXX
EMAIL ID	akhiladeson00@gmail.com
QUALIFICATION	B.C.A.



**Experiment no.:- 3****Aim:-**Create an application form for MCA course in FISAT.**Program:-**

```

<html>
<head>
<title>mca form</title>
<style>
h1.title{border-style: solid;
background-color:#C34A36;
</style>
<body style="background-color:#FF8066;">
</head>

<body>
<form align="center" >
h1 align="center"
<class="title" style="color:white;"> MCA ADMISSION APPLICATION FORM
</h1><br> <br> <h3>Name <input name="name" type="text" size="50"> <br>
<br>Address<textarea name="address" rows="5" cols="50">
</textarea><br>
<h4>City <input name="city" type="text" size="20">
State <input name="city" type="text" size="20"></h4>
<h4>Country<input name="city" type="text" size="20">
Pincode<input name="city" type="text" size="20"></h4>
<h3>Mobile Number<input name="number"
type="text"size="50"><br><br> Email<input type="email"
size="50"><br><br>
Date Of Birth<input type="date"><br><br>
Male<input type="radio" name="name" value="male">
Female<input type="radio" name="name"
value="female"><br><br> <input name="nationality"
type="text" size="50"> <br><br>
Religion
<select name="religion">
<option> Hindu
<option>Christian
<option>Muslim
<option>Others
</select>

```

```

Community<input name="community" type="text" size="20">
<br><br> Category<select name="category">
<option> General
<option>SC
<option>ST
<option>OEC
<option>OBC
<option>Others
</select><br><br>
Fathers Name<input name="name" type="text" size="50"><br><br>
Fathers Job<input name="occupation" size="50"><br><br>
Mobile Number<input name="number"" size="50"><br><br>
Mothers Name<input name="name" type="text" size="50"><br><br>
Mothers Job<input name="occupation" size="50"><br><br>
Mobile Number<input name="number" size="50"><br><br>
</body>
</html>

```

**Output:-**

**MCA ADMISSION APPLICATION FORM**

Name

Address

City  State

Country  Pincode

Mobile Number

Email

Date Of Birth

Male ☐ Female ☐

Nationality

Religion  Community

Mobile Number

Email

Date Of Birth

Male ☐ Female ☐

Nationality

Religion  Community

Category

Fathers Name

Fathers Job

Mobile Number

Mothers Name

Mothers Job

Mobile Number

**Experiment no.:- 4**

**Aim:-**Create a HTML page with different types of frames such as floating frame,navigation frame & mixed frame.

**Program:-**Frame 1

```
<html>
<head><title>frame 1</title></head>
<body bgcolor="#F9D423">
<h1><center>Enviornment</center></h1>
<p>The natural environment or natural world encompasses all living and
non-living things occurring naturally, meaning in this case not artificial. The
term is most often applied to the Earth or some parts of Earth. This
environment encompasses the interaction of all living species, climate,
weather and natural resources that affect human survival and economic
activity.[1] The concept of the natural environment can be distinguished as
components:
```

Complete ecological units that function as natural systems without massive civilized human intervention, including all vegetation, microorganisms, soil, rocks, atmosphere, and natural phenomena that occur within their boundaries and their nature.

Universal natural resources and physical phenomena that lack clear-cut boundaries, such as air, water, and climate, as well as energy, radiation, electric charge, and magnetism, not originating from civilized human actions.

In contrast to the natural environment is the built environment. Built environments are where humans have fundamentally transformed landscapes such as urban settings and agricultural land conversion, the natural environment is greatly changed into a simplified human environment. Even acts which seem less extreme, such as building a mud hut or a photovoltaic system in the desert, the modified environment becomes an artificial one. Though many animals build things to provide a better environment for themselves, they are not human, hence beaver dams, and the works of mound-building termites, are thought of as natural. </p>

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

Frame2

```
<html>
<head><title>frame 2</title></head>
<body bgcolor="#FF6B6B">
<h1><center>Animals</center></h1>
<p>Animals (also called Metazoa) are multicellular, eukaryotic organisms in
the biological kingdom Animalia. With few exceptions, animals consume
organic material, breathe oxygen, are able to move, can reproduce sexually,
and go through an ontogenetic stage in which their body consists of a hollow
sphere of cells, the blastula, during embryonic development. Over 1.5 million
living animal species have been described—of which around 1 million are
insects—but it has been estimated there are over 7 million animal species in
total. Animals range in length from 8.5 micrometres (0.00033 in) to 33.6
metres (110 ft). They have complex interactions with each other and their
environments, forming intricate food webs. The scientific study of animals is
known as zoology.
```

Most living animal species are in Bilateria, a clade whose members have a bilaterally symmetric body plan. The Bilateria include the protostomes, containing invertebrates such as nematodes, arthropods, and molluscs, and the deuterostomes, containing the echinoderms and the chordates, the latter including the vertebrates. Life forms interpreted as early animals were present in the Ediacaran biota of the late Precambrian. Many modern animal phyla became clearly established in the fossil record as marine species during the Cambrian explosion, which began around 542 million years ago. 6,331 groups of genes common to all living animals have been identified; these may have arisen from a single common ancestor that lived 650 million years ago. </p>

```
</body>
```

```
</html>
```

Frame 3

```
<html>
```

```
<head><title>frame 3</title></head>
```

```
<body bgcolor="#FBD3E9">
```

```
<h1><center>Birds</center></h1>
```

```
<p>Birds are a group of warm-blooded vertebrates constituting the class Aves
/'ervi:z/, characterised by feathers, toothless beaked jaws, the laying of hard-
shelled eggs, a high metabolic rate, a four-chambered heart, and a strong yet
```

lightweight skeleton. Birds live worldwide and range in size from the 5.5 cm (2.2 in) bee hummingbird to the 2.8 m (9 ft 2 in) ostrich. There are about ten thousand living species, more than half of which are passerine, or "perching" birds. Birds have wings whose development varies according to species; the only known groups without wings are the extinct moa and elephant birds. Wings, which evolved from forelimbs, gave birds the ability to fly, although further evolution has led to the loss of flight in some birds, including ratites, penguins, and diverse endemic island species. The digestive and respiratory systems of birds are also uniquely adapted for flight. Some bird species of aquatic environments, particularly seabirds and some waterbirds, have further evolved for swimming.

Birds are feathered theropod dinosaurs and constitute the only known living dinosaurs. Likewise, birds are considered reptiles in the modern cladistic sense of the term, and their closest living relatives are the crocodilians. Birds are descendants of the primitive avialans (whose members include Archaeopteryx) which first appeared about 160 million years ago (mya) in China. According to DNA evidence, modern birds (Neornithes) evolved in the Middle to Late Cretaceous, and diversified dramatically around the time of the Cretaceous–Paleogene extinction event 66 mya, which killed off the pterosaurs and all non-avian dinosaurs. </p>

&lt;/body&gt;

&lt;/html&gt;

**Link**

&lt;html&gt;

&lt;head&gt;&lt;title&gt;link&lt;/title&gt;&lt;/head&gt;

&lt;body&gt;

&lt;h1&gt;Links&lt;/h1&gt;

<a href="frame 1.html"target="link">link of  
frame1</a><br><br> <a href="frame 2.html"  
target="link">link of frame2</a><br> </body>

&lt;/html&gt;

**MAIN**

html&gt;

```

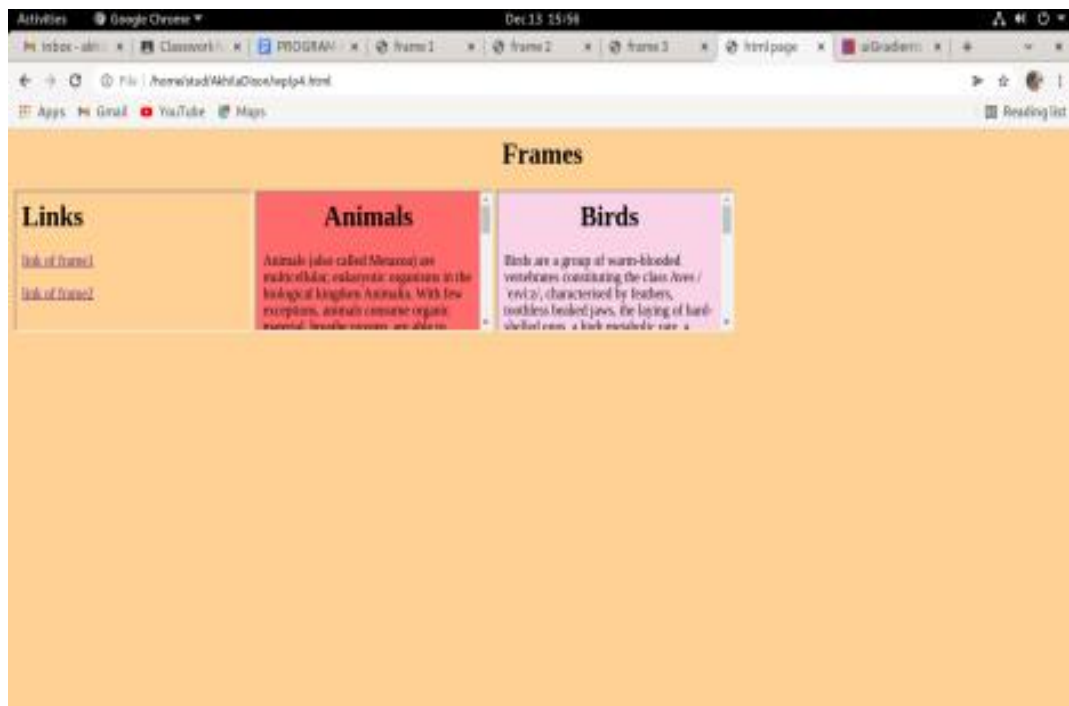
<head><title>html page</title></head>
<body bgcolor = "#ffd194">

<h1><center>Frames</center></h1>
<frameset cols="100,100">
<iframe src="link.html"></iframe>
<iframe src="" name="link"></iframe>

<frameset row="300,*">
<iframe name="prg4" src="frame 3.html">
</frameset>

</body>
</html>

```

**Output:-**

**Experiment no.:- 5**

**Aim:-**Analyze CSS by applying the different styles using inline, external & internal style sheets in a HTML file.

**Program:-**

```
<html>
<head><title>P5</title></head>
<style>
body {
  background-color: lightblue;
}

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

p {
  color:red;
  font-family: verdana;
  font-size: 20px;
}
</style>
<body>
<h1><center>FLOWERS</center></h1>
<p>A flower, sometimes known as a bloom or blossom, is the reproductive structure found in flowering plants (plants of the division Magnoliophyta, also called angiosperms). The biological function of a flower is to facilitate reproduction, usually by providing a mechanism for the union of sperm with eggs. Flowers may facilitate outcrossing (fusion of sperm and eggs from different individuals in a population) resulting from cross-pollination or allow selfing (fusion of sperm and egg from the same flower) when self-pollination occurs.</p><br>

<p>The two types of pollination are: self-pollination and cross-pollination. Self-pollination happens when the pollen from the anther is deposited on the stigma of the same flower, or another flower on the same plant. Cross-pollination is the transfer of pollen from the anther of one flower to the stigma of another flower on a different individual of the same species. Self-pollination happens in flowers where the stamen and carpel mature at the same time, and are positioned so that the pollen can land on the flower's stigma. This pollination does not require an investment from the plant to provide nectar and pollen as food for pollinators.</p><br>

<p>Some flowers produce diaspores without fertilization (parthenocarpy). Flowers contain sporangia and are the site where gametophytes develop. Many flowers have evolved to be attractive to animals, so as to cause them to be vectors for the transfer of pollen. After fertilization, the ovary of the flower develops into fruit containing seeds.</p><br>

<p>In addition to facilitating the reproduction of flowering plants, flowers have long been admired and used by humans to bring beauty to their environment, and also as objects of
```

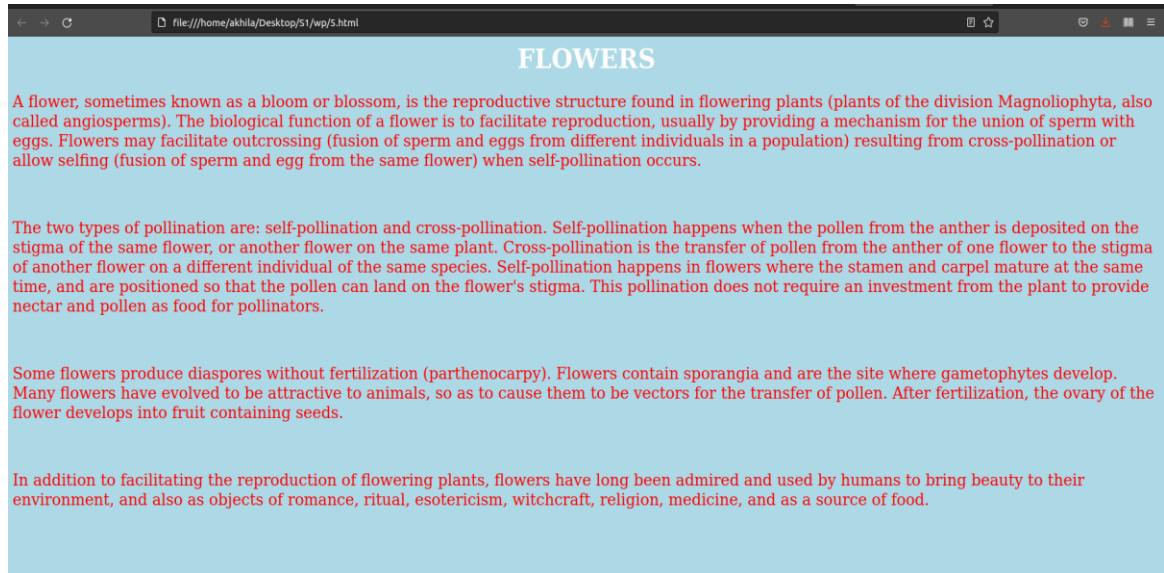
romance, ritual, esotericism, witchcraft, religion, medicine, and as a source of food.

</p></br>

</body>

</html>

### Output:-





**Experiment no.:-6**

**Aim:-**Create a HTML registration form and to validate the form using JavaScript code

**Program:-**

```
<!DOCTYPE html>

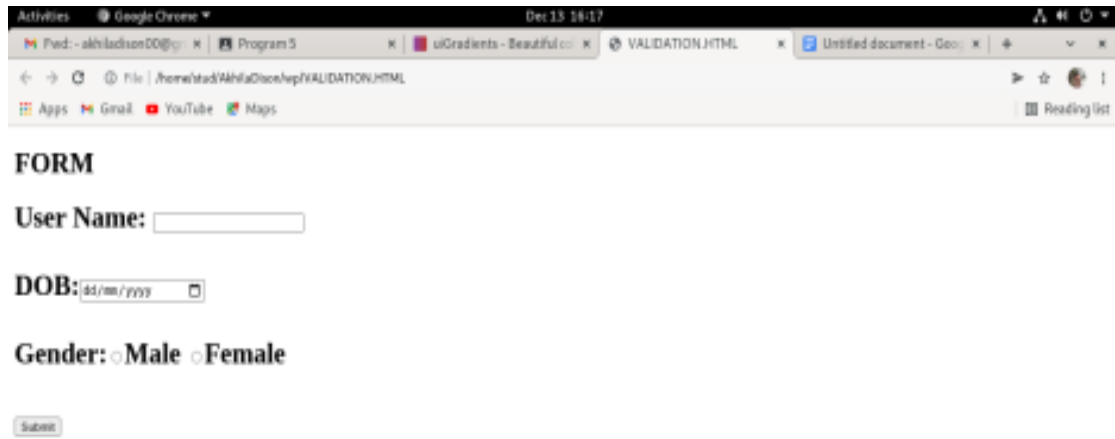
<html><head>
<script>
function validateForm() {
var x = document.forms["myForm"]["fname"].value;
if (x == "") {
alert("Name must be filled out");
return false;
}

var b = document.forms["myForm"]["dobname"].value;
if (b == "") {
alert("DOB must be filled out");
return false;
}

var d = document.forms["myForm"]["gender"].value;
if (d == "") {
alert("Gender must be filled out");
return false;
}
}
</script></head>
<body>
<h1>FORM</h1>
<form name="myForm" action="/action_page_post.php"
onsubmit="return validateForm()" method="post">
User      Name:      <input      type="text"
name="fname"><br><br>  DOB:<input type="date"
name="dobname"><br><br>
Gender:<input type="radio" name="gender" value="Male">Male
<input type="radio" name="gender" value="Female">Female<br><br>
<input type="submit" value="Submit">
</form>
</body>
```

</html>

### Output:-



The screenshot shows a Google Chrome browser window with the title 'Activities'. The address bar shows the file path 'File | /home/stad/WahlaDosehup/VALIDATION.HTML'. The page content is as follows:

**FORM**

**User Name:**

**DOB:**

**Gender:** ☐ Male ☐ Female

**Experiment no.:-7**

**Aim:-**Create a HTML page to explain the use of various predefined functions in a string and math objects in JavaScript.

( String Functions-

Length,slice,substring,substr,replace,toUppercase,toLowercase,concat,trim,charAt,convert string to array,indexof, search,includes)

(Math Functions- round,ceil,floor,trunc,sign, pow,sqrt,abs,sin,cos,min,max,random,log).

**Program:-**

```
<html>
<head>
<title>Program7</title>
</head>
<body>
<h3><u>Length</u></h3>
<p id="pgm"></p>
<h3><u>Slice</u></h3>
<p id="pgm1"></p>
<script>
var name = "AKHILA";
document.getElementById("pgm").innerHTML = name.length;
document.getElementById("pgm1").innerHTML = name.slice(2,5);
</script>
<h3><u>SubString</u></h3>
<p id="pgm2"></p>
<h3><u>SubStr</u></h3>
<p id="pgm3"></p>
<script>
let str = "apple,oragnge,mango";
document.getElementById("pgm2").innerHTML = str.substring(4,9);
document.getElementById("pgm3").innerHTML = str.substr(4,3);
</script>
<h3><u>Replace</u></h3>
<p id="pgm4">lets fly high and high</p>
<script>
function myfun()
{
var str = "lets fly high and high";
document.getElementById("pgm4").innerHTML = str.replace(/high/g , "up");
}
</script>
```

```

<button onclick="myfun()">click here</button>
<h3><u>ToUpper</u></h3>
<p id="pgm5">emma</p>
<script>
function myfun1()
{
var str = "hello";
document.getElementById("pgm5").innerHTML = str.toUpperCase();
}</script>
<button onclick="myfun1()">click here</button>
<h3><u>ToLower</u></h3>
<p id="pgm6">Em</p>
<script>
function myfun2()
{
var str1 = "E";
document.getElementById("pgm6").innerHTML = str1.toLowerCase();
}
</script>
<button onclick="myfun2()">click here</button>
<h3><u>Concat</u></h3>
<script>
var txt1 = "emma";
var txt2 = "mary";
var txt3 = txt1.concat(" ",txt2);
document.write(txt3);
</script>
<h3><u>Trim</u></h3>
<script>
var txt1 = "emma mary
var txt2 = txt1.trim();
document.write(txt2);
</script>
";
<h3><u>CharAt</u></h3>
<script>
var word="Wipro";
var word1 = word.charAt(1);
document.write(word1);
</script>
<h3><u>IndexOf</u></h3>
<script>

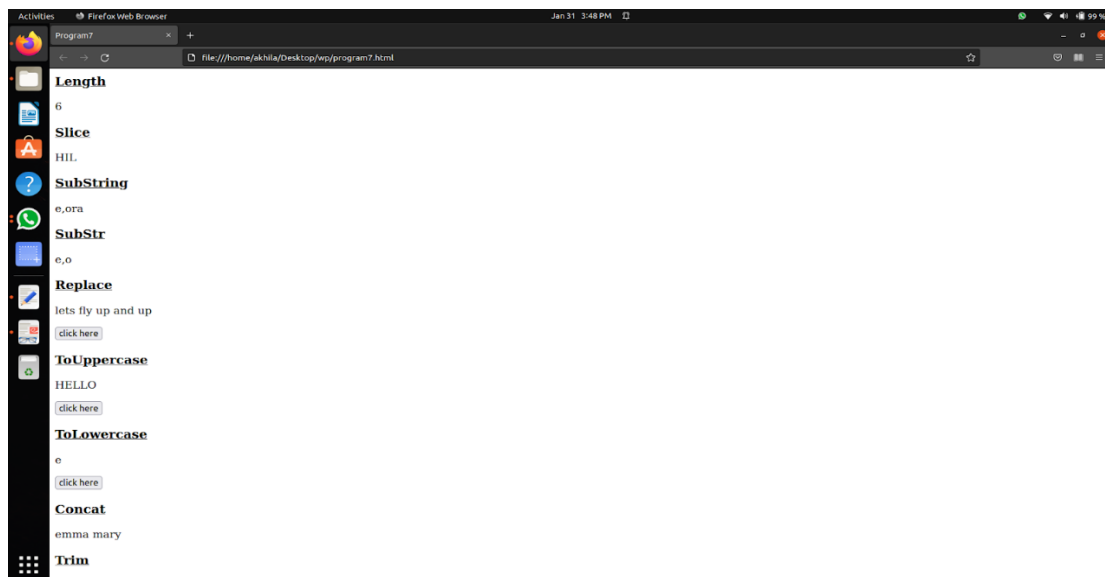
```

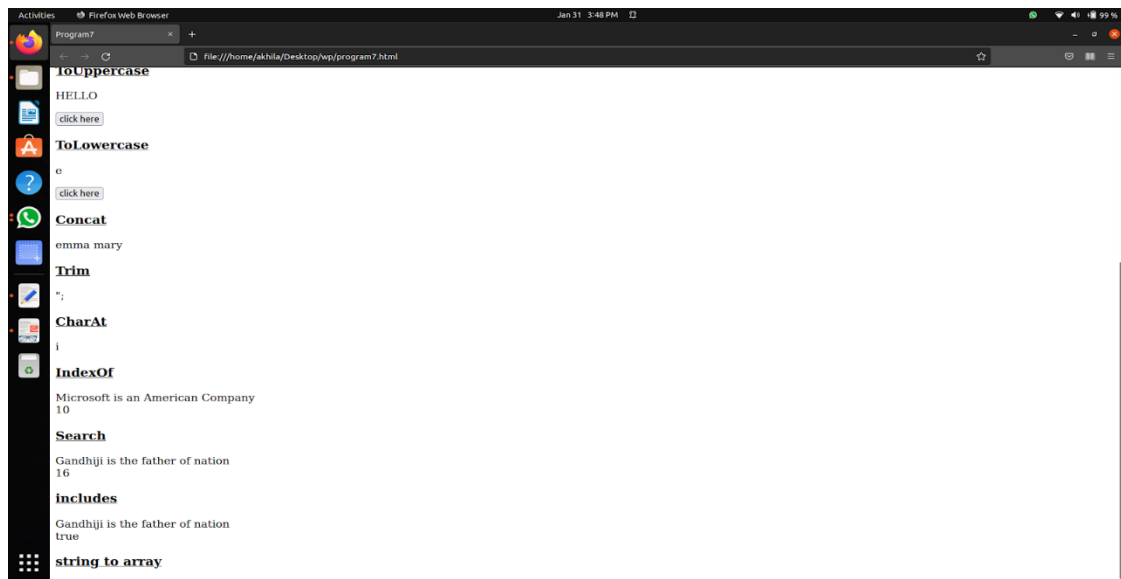
```

var wrd = "Microsoft is an American Company";
document.write(wrd, "<br>");
let res = wrd.indexOf("is");
document.write(res);
</script>
<h3><u>Search</u></h3>
<script>
var wrd1 = "Gandhiji is the father of nation";
document.write(wrd1, "<br>");let pos = wrd1.search("father");
document.write(pos);
</script>
<h3><u>includes</u></h3>
<script>
var texts = "Gandhiji is the father of nation";
document.write(texts, "<br>");
let inc = texts.includes("of");
document.write(inc);
</script>
<h3><u>string to array</u></h3>
<script>
const name="abi";
list=Array.from(name);
document.write(["",list,""]);
</script>
</body>
</html>

```

**Output:-**





**Experiment no.: -8**

**Aim:-**Create a HTML page to change the background color for every click of a button using JavaScript Event Handling

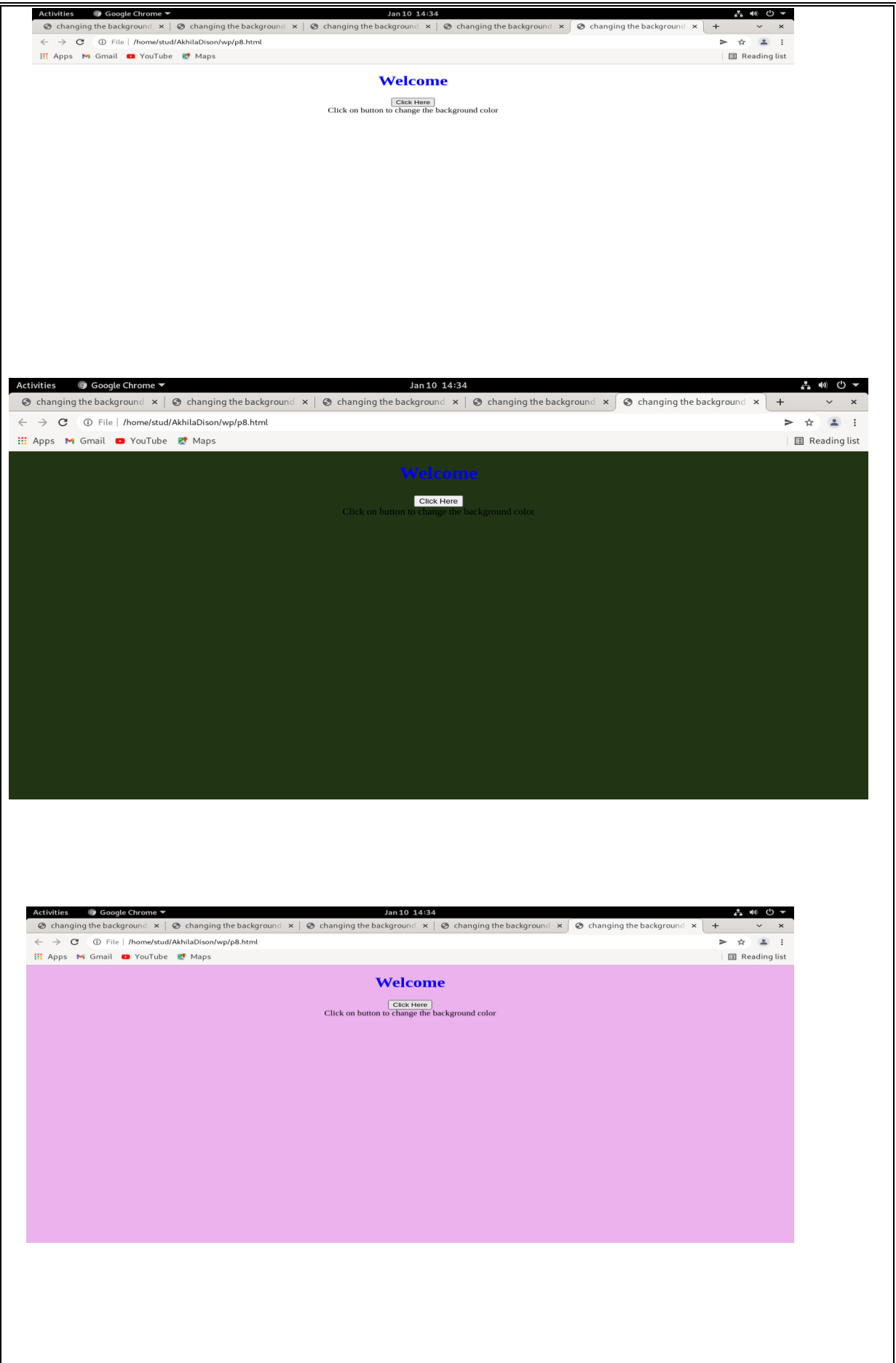
**Program:-**

```
<!DOCTYPE HTML>

<html>
<head>
<title>
changing the background color
</title>
</head>
<body style = "text-align:center;">
<h1 style = "color:blue;" >
Welcome
</h1>
<button type="button" id="color-button" onclick="changeBg()">Click Here
</button>
<br>
<script>
document.writeln( "Click on button to change the background color");
const pageBody = document.querySelector("body");
function changeBg()
{
let color = '#'+(Math.random()*0xFFFFFFFF<<0).toString(16);

pageBody.style.background = color;
}
</script>
</body>
</html>
```

**Output:-**





**Experiment no.: -9**

**Aim:-**Generate the calendar using JavaScript code by getting the year and month from the user.

**Program:-**

```
<!DOCTYPE HTML>
<html>
<head><title>Calendar</title>
<style>
table {
border-collapse: collapse;
}
td, th {
border: 1px solid black;
padding: 3px;
text-align: center;
}
th {
font-weight: bold;
background-color: grey;
}
</style>
</head>
<body>
<b>CALENDAR</b><br>
Enter The year : <input type="number" name="cal" id="cal" /><br>
Enter The Month: <input type="number" name="month" id="month" />
<br>
<button onclick="calculate()">Click here</button>
<div id="calendar"></div>
<script>
function calculate() {
var year = document.getElementById("cal").value;
var month = document.getElementById("month").value;
createCalendar(year,month);
}
function getDay(date) {
let day = date.getDay();
if (day == 0) day = 7;
return day - 1;
}
function createCalendar(year, month) {
```

```

let mon = month - 1;
let d = new Date(year, mon);
let table =

'<table><tr><th>MON</th><th>TUE</th><th>WED</th><th>THU</th><th>FRI</th><th>
>SAT</th><th>SUN</th></tr><tr>';
for (let I = 0; I < getDay(d); i++) {
table += '<td>*</td>';
}

while (d.getMonth() == mon) {
table += '<td>' + d.getDate() + '</td>';
if (getDay(d) % 7 == 6) {
table += '</tr><tr>';
}

d.setDate(d.getDate() + 1);
}
if (getDay(d) != 0) {
for (let I = getDay(d); I < 7; i++) {
table += '<td>*</td>';
}
}
table += '</tr></table>';
document.getElementById("calendar").innerHTML = table;
}
createCalendar(calendar, year, month);
</script>
</body>
</html>

```

**Output:-**

**CALENDAR CALENDAR**

Enter The year :

Enter The Month:

MON	TUE	WED	THU	FRI	SAT	SUN
*	*	*	*	*	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	30

**Eperiment no.:-10**

**Aim:-**Compose Electricity bill from user input based on a given tariff using PHP.

**Program:-**

```
<!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 . ' - ' . $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>Calculate Electricity Bill</h1>

    <form action="" method="post" id="quiz-form">
<input type="number" name="units" id="units" placeholder="Please enter no. Units" />
<input type="submit" name="unit-submit" id="unit-submit" value="Submit" /> </form>

    <div>
      <?php echo '<br />' . $result_str; ?>
    </div>
  </div>
</body>
</html>
```

**Output:-**

## Calculate Electricity Bill

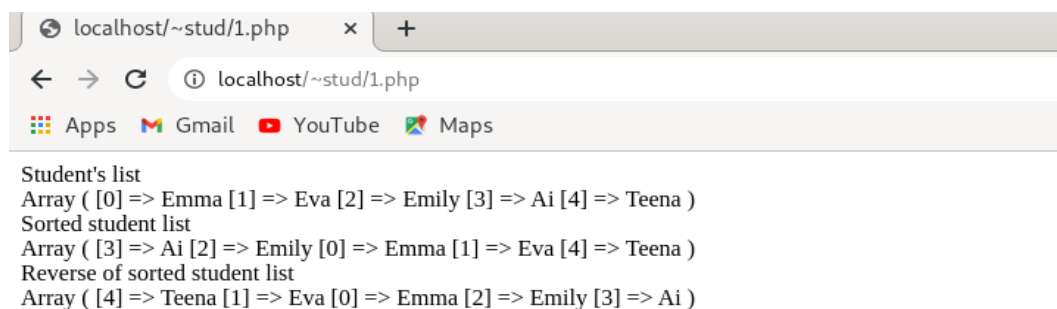
Total amount of 1000 - 5970.00

**Experiment no.:-11**

**Aim:-**Build a PHP code to store name of students in an array and display it using print\_r function. Sort and Display the same using asort & arsort functions.

**Program:-**

```
<?php
$student=array("Emma","Eva","Emily","Ai","Teena");
echo "Student's list";
echo "<br>";
print_r($student);
echo "<br>";
echo "Sorted student list";
echo "<br>";
asort($student);
print_r($student);
echo "<br>";
echo "Reverse of sorted student list";
echo "<br>";
arsort($student);
print_r($student);
?>
```

**Output:-**


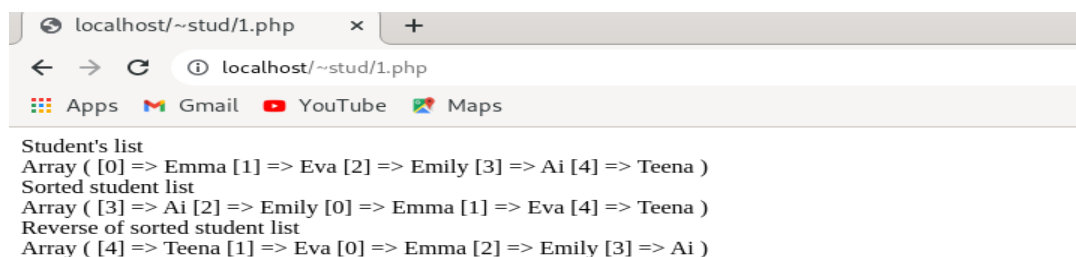
```
Student's list
Array ( [0] => Emma [1] => Eva [2] => Emily [3] => Ai [4] => Teena )
Sorted student list
Array ( [3] => Ai [2] => Emily [0] => Emma [1] => Eva [4] => Teena )
Reverse of sorted student list
Array ( [4] => Teena [1] => Eva [0] => Emma [2] => Emily [3] => Ai )
```

**Experiment no.:-12**

**Aim:-**Build a PHP code to store name of Indian Cricket players in an array and display the same in HTML table.

**Program:-**

```
<!DOCTYPE html>
<html>
<body>
<?php
$Indcricketers= array("Virat Kohli", "M S Dhoni", "Rohit Sharma","Suresh Raina");
echo "<h3>INDIAN CRICKETERS</h3>";
<table border='1'>
<tr>
<th>NO</th>
<th>NAMES</th>
</tr>
<tr>
<td>1</td>
<td>$Indcricketers[0]</td>
</tr>
<tr>
<td>2</td>
<td>$Indcricketers[1]</td>
</tr>
<tr>
<td>3</td>
<td>$Indcricketers[2]</td>
</tr>
<tr>
<td>4</td>
<td>$Indcricketers[3]</td>
</tr>";
?>
</body>
</html>
```

**Output:-**

**Sl no.:-13**

**Aim:-**Using PHP and MySQL, develop a program to accept book information viz. Accession number, title, authors, edition and publisher from a web page and store the information in a database and to search for a book with the title specified by the user and to display the search results with proper headings.

**Program:-****bookinfo.html**

```
<?php
$title=$_POST['txt'];
$con=new
mysqli("localhost","fisat","fisat","fisatdb");
if($con==false)
{
    echo "Failed to connect";
}
else
{
    echo "connected\n";
}
$sql="select * from BOOKSINFO where title='$title'";
if($result=$con->query($sql))
{
    if($result->num_rows>0)
    {
        while($row=$result->fetch_array())
        {
            echo "\n".$row[0].":".$row[1].":".$row[2].":".$row[3].":".$row[4]."\n";
        }
        $result->close();
    }
}
else
{
    echo "\nCould not found the book";
}
}
else
{
    echo "\nError:could not connect";
}
$con->close();
?>
```

**addbook.html**

```

<html><head>
<title>add book</title></head>
<body>
<form name="frame1" action="add.php" method="POST">
<center><b><u>Enter Book Details</u></b><br>
Access Number:<input type="text" name="num"><br>
Title:<input type="text" name="tit"><br>
Author:<input type="text" name="author"><br>
Edition:<input type="text" name="edi"><br>
Publisher:<input type="text" name="pub"><br>
<input type="submit" name="Submit">
<input type="reset" name="Reset">
</form>
</body>
</html>

```

**add.php**

```

<?php
$num=$_POST["num"];
$tit=$_POST["tit"];
$author=$_POST["author"];
$edi=$_POST["edi"];
$pub=$_POST["pub"];
$con=new mysqli("localhost","fisat","fisat","fisatdb");
if($con==false)
{
    echo "Failed to connect";
}
else
{
    echo "connected";
}
$sql="INSERT INTO BOOKSINFO VALUES($num,'$tit','$author','$edi','$pub)";
if($con->query($sql))
{
    echo "New row added";
}
else
{
    echo "FAILED";
}

```



```

}
$con->close();
?>

```

### **searchbook.html**

```

<html>
<head>
<title>search</title>
</head>
<body>
<form name="frame2" action="search.php" method="POST">
<center>
<b><u>SEARCH A BOOK</u></b><br>
Enter book title:<input type="text" name="txt"><br>
<input type="submit" name="Submit">
</center>
</form>
</body>
</html>

```

### **search.php**

```

<?php
$title=$_POST['txt'];
$con=new
mysqli("localhost","fisat","fisat","fisatdb");
if($con==false)
{
    echo "Failed to connect";
}
else
{
    echo "connected\n";
}
$sql="select * from BOOKSINFO where title='$title'";
if($result=$con->query($sql))
{
    if($result->num_rows>0)
    {
        while($row=$result->fetch_array())
        {
            echo "\n".$row[0].":".$row[1].":".$row[2].":".$row[3].":".$row[4]."\n";
        }
        $result->close();
    }
}
else
{
    echo "\nCould not found the book";
}

```

```

}
}
else
{
    echo "\nError:could not connect";
}
$con->close();
?>

```

**Output:-**

```

Activities Terminal Mar 2 16:24
stud@debian: ~
Reading table information for completion of table and column names
You can turn off this feature to get a quicker startup with -A

Database changed
MariaDB [fisatdb]> CREATE TABLE BOOKS(num integer(10) primary key,title varchar(20),author varchar(20),edition varchar(20),publisher varchar(20));
ERROR 1050 (42S01): Table 'BOOKS' already exists
MariaDB [fisatdb]> CREATE TABLE BOOKSINFO(num integer(10) primary key,title varchar(20),author varchar(20),edition varchar(20),publisher varchar(20))
;
Query OK, 0 rows affected (0.106 sec)

MariaDB [fisatdb]> SELECT* FROM BOOKSINFO;
+-----+-----+-----+-----+-----+
| numb | title | author | edition | publisher |
+-----+-----+-----+-----+
| 111 | abcd | mr.abc | 11a | cde |
+-----+-----+-----+-----+
1 row in set (0.001 sec)

MariaDB [fisatdb]> SELECT* FROM BOOKSINFO;
+-----+-----+-----+-----+
| numb | title | author | edition | publisher |
+-----+-----+-----+-----+
| 111 | abcd | mr.abc | 11a | cde |
| 1113 | abcd | mr.abc | 11a | cde |
+-----+-----+-----+-----+
2 rows in set (0.000 sec)

MariaDB [fisatdb]> SELECT* FROM BOOKSINFO;
+-----+-----+-----+-----+
| numb | title | author | edition | publisher |
+-----+-----+-----+-----+
| 111 | abcd | mr.abc | 11a | cde |
| 1113 | abcd | mr.abc | 11a | cde |
| 12345 | web programming | Mr.ABC | 4 |qrst |
+-----+-----+-----+-----+
3 rows in set (0.001 sec)

MariaDB [fisatdb]>

```

Activities Google Chrome Mar 2 16:20

Index of /~stud

localhost/~stud/

Apps Gmail YouTube Maps

Update

Reading list

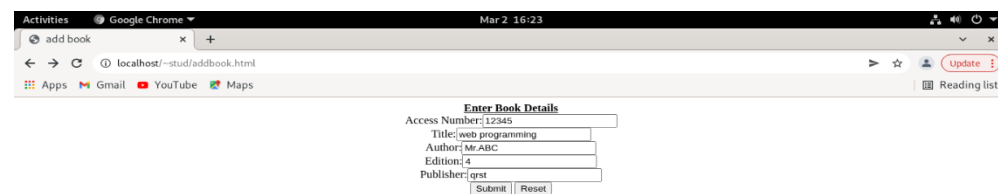
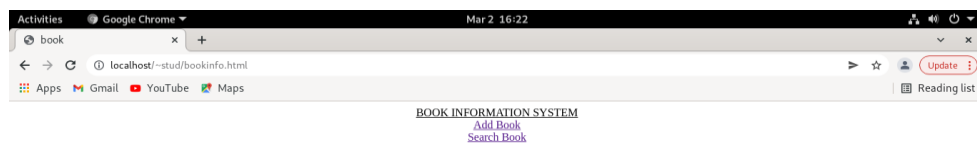
**Index of /~stud**

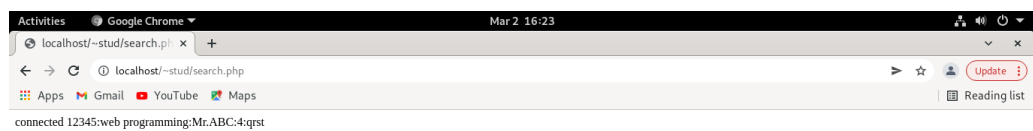
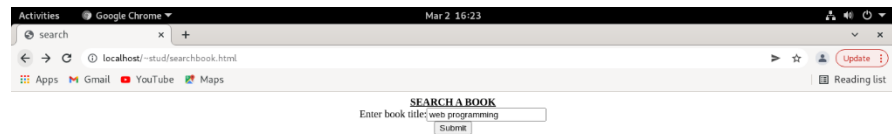
Name	Last modified	Size	Description
Parent Directory	-	-	-
add.php	2022-03-02 16:10	413	
addbook.html	2022-03-02 15:27	467	
bookinfo.html	2022-03-02 15:27	200	
search.php	2022-03-02 16:07	522	
searchbook.html	2022-03-02 15:51	269	

Apache/2.4.48 (Debian) Server at localhost Port 80

localhost/~stud/addbook.html

add (4).php add (3).php add (2).php add (1).php add.php Show all





**Experiment no.:-14**

**Aim:-**Using PHP and MySQL, develop a program to collect airline details and display all the airlines between a particular source and destination.

**Program:-****airlineinfo.html**

```
<html>
<head>
<title>book</title>
</head>
<body align="center"><u>AIRLINE INFORMATION SYSTEM</u><br>
<a href="addairline.html">Add airline details</a><br>
<a href="searchairline.html">Search airline</a><br>
</body>
</html>
```

**addairline.html**

```
<html><head>
<title>add airline</title></head>
<body>
<form name="frm1" action="addl.php" method="POST">
<center><b><u>Enter Airline Details</u></b><br>
Airline Number:<input type="text" name="num"><br><br>
Airline name:<input type="text" name="name"><br><br>
Source:<input type="text" name="source"><br><br>
Destination:<input type="text" name="dest"><br><br>
Time:<input type="text" name="time"><br><br>
Amount:<input type="text" name="amt"><br><br>
<input type="submit" name="Submit">
<input type="reset" name="Reset">
</form>
</body>
</html>
```

**addl.php**

```
<?php
$num=$_POST['num'];
$name=$_POST['name'];
$source=$_POST['source'];
$dest=$_POST['dest'];
$time=$_POST['time'];
$amt=$_POST['amt'];
$con=new mysqli("localhost","fisat","fisat","fisatdb");
if($con==false)
{ echo "Failed to connect"; }
else
{ echo "connected"; }
$sql="INSERT INTO airline VALUES($num,$name,$source,$dest,$time,$amt)";
if($con->query($sql))
{
echo "<BR>";
echo 'New row added';
}
else
{
echo "ERROR:could not execute query";
}
$con->close();
?>
```

**searchairline.html**

```
<html>
<head>
<title>search</title>
```

```

</head>
<body>
<form name="frm2" action="seachl.php" method="POST">
<center>
<b><u>SEARCH </u></b><br>
Source:<input type="text" name="source"><br><br>
Destination:<input type="text" name="dest"><br>
<input type="submit" name="Submit">
</center>
</form>
</body>
</html>

```

### **seachl.php**

```

<?php
$source=$_POST['source'];
$dest=$_POST['dest'];
$con=new mysqli("localhost","fisat","fisat","fisatdb");
if($con==false)
{
echo "Failed to connect";
}
else
{
echo "connected\n";
}
$sql="select * from airline where source='$source' and destination='$dest'";
if($result=$con->query($sql))
{
if($result->num_rows>0)

```

```

{
while($row=$result->fetch_array())
{ echo "\n".$row[0].":".$row[1].":".$row[2].":".$row[3]."\n";}
$result->close();
}else
{ echo "\nCould not found the airline"; }
}
else
{ echo "\nError:could not connect"; }
$con->close();
?>

```

### Output:-

