FEDERAL INSTITUTE OF SCIENCE AND TECHNOLOGY (FISAT)™

HORMIS NAGAR, MOOKKANNOOR, ANGAMALY-683577

FOCUS ON EXCELLENCE

20MCA133 WEB PROGRAMMING LAB

LABORATORY RECORD

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Semester: 1   Batch: A   Roll No: 08

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FEDERAL INSTITUTE OF SCIENCE AND TECHNOLOGY (FISAT)™

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CERTIFICATE

This is to certify that this is a Bonafide record of the Practical work done by ***AKASH SANTHOSH (FIT21MCA-2008)*** *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   Signature of H O D

Name: Name:

Date of University practical examination ………………………

Signature of   Signature of
Internal Examiner   External Examiner

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EXPERIMENT-1

Model a simple HTML file related to your native place to demonstrate the usage of different tags.

PROGRAM CODE

```
        <html>
<head>
<title>program 1
</title>
</head>
<body bgcolor="cyan">
<h1 align="center">
<hr style="margin-top:2rem;">THRISSUR- The "Cultural Capital" of
Kerala</hr>
</h1>
<br>
<p style="margin-left:6rem;"><b>Thrissur</b> derived from Thiru-Siva-
Peruru means with the name of <span style="color:red;">Lord Siva</span>.
Established on <span style="color:red;">1 April 1958, this district is called the
'Cultural Capital</span>' of
Kerala. Centrally located in the State of Kerala this district is a rich reservoir in
history, culture and archaeological remains. <b>Thrissur Pooram,</b> for long
as one can remember the two dominant temple groups hallowed by many
temples in Thiruvambadi and Paramekkavu clans look into a friendly combat
for supremacy, is celebrated every year during April- May.</p>
<img style="width:30%;margin-left:6rem" src="img2.jpeg">

<p style="   margin-left: 37rem;
   margin-top: -12rem;">
Thrissur is known as the cultural capital of Kerala, and the land of Poorams.
The district is known for its ancient temples, churches, and mosques. Thrissur
Pooram is the most colourful temple festival in Kerala Vadakkumnathan Shiva
Temple at the center of Thrissur Town (Photo by author)

<i>February 27, 1921, was a tense day in Thrissur town in Kerala. Around 3
PM, around 1500 Christians loyal to the British government, accompanied by
the police superintendent, officers, and constables, started a 'royal loyalty'
procession to publicly demonstrate support for the British Government.
Starting near the East market, they moved to a mosque near the Southern gate
of Vadakkumnathan temple.<i></p>
```

```
<p style="margin-left:6rem;margin-top: 4rem;"><a
href="https://varnam.org/2019/09/how-gandhi-became-a-congress-
leader/">elevating the Khilafat movement</a>From January 1921, Advocate K
Madhavan Nair had an enormous responsibility. He had come back from
Nagpur Congress of December 1920 where it was decided to combine the
princely states of Malabar, Cochin, and Travancore to form a state called
Kerala. As a follow-up, Congress expanded its activities and formed both
Congress and Khilafat committees in Malabar. This was due to Gandhi's
strategy of as a thank you note for the support he got in previously failed
attempts to become a national leader. Following a Congress committee meeting
in Kozhikode on January 1921, Madhavan Nair took on the challenge along
with Advocate U. Gopala Menon, who had put a lot of effort in Khilafat
activities.</p>



</body>
</html>
```

OUTPUT

EXPERIMENT-2

Create your biodata which contain multiple pages (include images , tables, and also link within a page).

PROGRAM CODE

```
        <html>
<head>
<title>BIO-DATA
</title>
<style>
table,th,td{
border:1px solid black}
</style>
<body>
<div>
<h1 align="center">BIO-DATA<h1>
<center align="center">----------------------</center>
</div>
<div>
<table width="50%" ALIGN="CENTER" CELLPADDING="7">
<tr>
<th colspan="2"><img src="flower.jpeg"style="width:150px; margin-right: -
360px;"></th>
</tr>
<tr>
<th>NAME</th>
<th>AKASH SANTHOSH</th>
</tr>
<tr>
<th>DATE OF BIRTH</th>
<th>24/03/1999</th>
</tr>
<tr>
<th>PLACE</th>
<th>THRISSUR</th>
</tr>
<tr>
<th>COURSE</th>
<th>MCA</th>
</tr>
<tr>
```
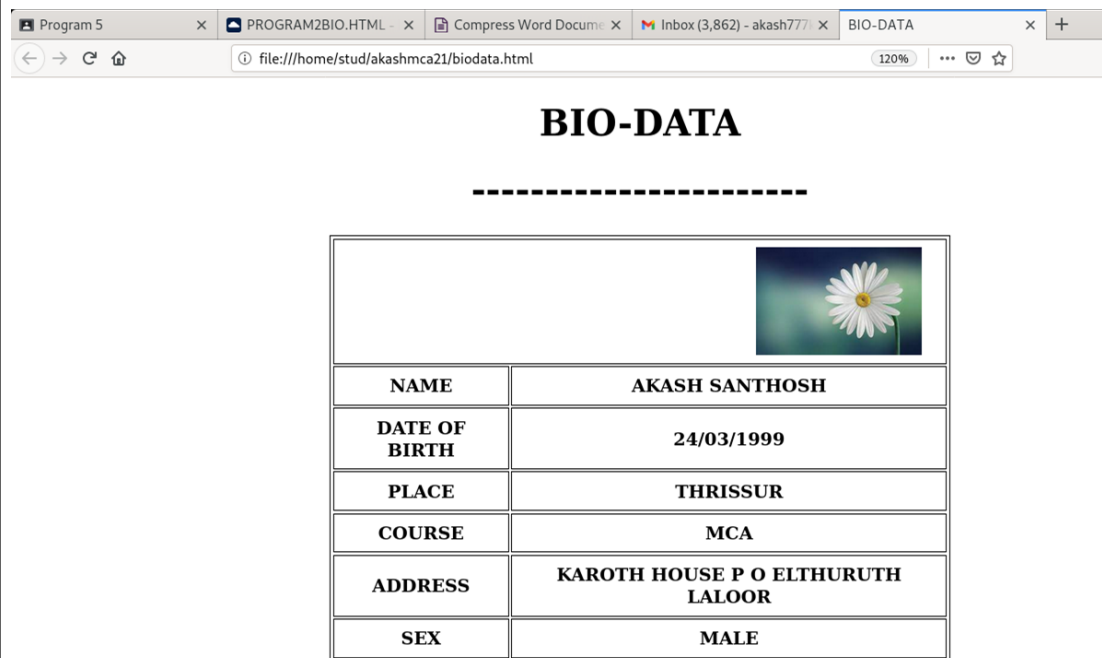
```
<th>ADDRESS</th>
<th>KAROTH HOUSE P O ELTHURUTH LALOOR</th>
</tr>
<th>ADDRESS</th>
<th>KAROTH HOUSE P O ELTHURUTH LALOOR</th>
</tr>

</table>
</diV></body></html>
```

OUTPUT

EXPERIMENT-3

Create an application form for MCA course in FISAT.

PROGRAM CODE

```
<html>
<head>
<title>form</title>
</head>
<body bgcolor="grey" align="center" font color="White">
<h2 text-align="center "
margin-left= "700px"><font color= "aquamarine"; >FISAT MCA
APPLICATION FORM</font>
</h2>
<form>
<table align="center">
<tr>
<td>Name</td>
<td><input type="textfield"></td>
</tr>
<tr>
<td>Address1</td>
<td><textarea></textarea></td>
</tr>
<tr>
<td>Address2</td>
<td><textarea></textarea></td>
</tr>
<tr>
<td>City</td>
<td><input type="textfield"></td>
</tr>
<tr>
<td>State</td>
<td><input type="textfield"></td>
</tr>
<tr>
<td>Pincode</td>
<td><input type="textfield"></td>
</tr>
<tr>
<td>Phone number</td>
<td><input type="textfield"></td>
</tr><tr>
<td>Alternative Phone number</td>
```

```
<td><input type="textfield"></td>
</tr>
<tr>
<td>Date of birth</td>
<td><input type="date"></td>
</tr>
<tr>
<td>Photo</td>
<td><input type="file"></td>
</tr>
<tr>
<td>Email</td>
<td><input type="email"></td>
</tr>
<tr>
<td>Nationality</td>
<td><input type="textfield"></td>
</tr>
<tr>
<td>Sex</td>
<td><input type="radio" name="sex" value="Male"><label
for="Male">Male</label></input><input
type="radio" name="sex" value="Female"><label
for="Female">Female</label></input><input
type="radio" name="sex" value="Other"><label
for="Other">Other</label></input></td>
</tr>
<tr>
<td>Religion</td>
<td><select>
<option>Hindu
<option>Christian
<option>Muslim
<option>Other
<option selected>Select an option
</select></td>
</tr>
<tr>
<td>Community</td>
<td><input type="textfield"></td>
</tr>
<tr>
<td><font color="Blue">Father's details</font>
</tr>
<tr>
<td>Name</td>
```

```
<td><input type="textfield"></td>
</tr>
<tr>
<td>Occupation</td>
<td><input type="textfield"></td>
</tr>
<tr>
<td>Employed</td>
<td><input type="checkbox"></td>
</tr>
<tr>
<td>Designation</td>
<td><input type="textfield"></td>
</tr>
<tr>
<td>Official Address</td>
<td><textarea></textarea></td>
</tr>
<tr>
<td>Phone number</td>
<td><input type="textfield"></td>
</tr>
<tr>
<td><font color="Blue">Academic Qualification</font>
</tr>
<tr>
<td>Entrance Rank</td>
<td><input type="textfield"></td>
</tr>
<tr>
<td>10th %</td>
<td><input type="textfield"></td>
</tr>
<tr>
<td>+2 %</td>
<td><input type="textfield"></td>
</tr>
<tr>
<td>Graduation Course taken/completed</td>
<td><input type="radio" name="Degree" value="Bsc"><label
for="Bsc">Bsc</label></input><input
type="radio" name="Degree" value="BCA"><label
for="BCA">BCA</label></input><input
type="radio" name="Degree" value="Degree"><label
for="Bcom">Bcom</label></input><input
```

```
type="radio" name="Degree" value="Other"><label
for="Other">Other</label></input></td>
</tr>
<tr>
<td></td>
<td><input type="Submit"><input type="Reset"></td>
</tr>
</table></form></body>
</html>
```

OUTPUT

EXPERIMENT-4

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

PROGRAM CODE

<html>

<head>

<title>float</title>

</head>

<body bgcolor="grey">

floatingframe

navigationframe

mixedframe

</body>

</html>

FLOATING FRAME CODE:

```
<html>
<head>
Frames
</head>
<body>
<h1>Floating Frame<h1>
<h3>HTML<h3>
<iframe src="https://en.wikipedia.org/wiki/HTML" height="75%"
width="75%">
</body>
</html>
```

NAVIGATION FRAME CODE:

<html>

<frameset cols="20%,80%" align="left">

<frame src="/home/stud/Akash/frame2.html" name="f1">

<frame src="/home/stud/Akash/frame2.html" name="f2">

</frameset>

</html>

MIXED FRAME CODE:

```html
<html>
<frameset cols="30%,*">
<frame src="https://en.wikipedia.org/wiki/HTML"></frame>
<frameset rows="50%,*">
<frame src="https://fisat.ac.in/pages/mca-admissions"
autostart="true"> <frame
src="https://en.wikipedia.org/wiki/Kerala" >
</frameset>
</frameset>
</html>
```
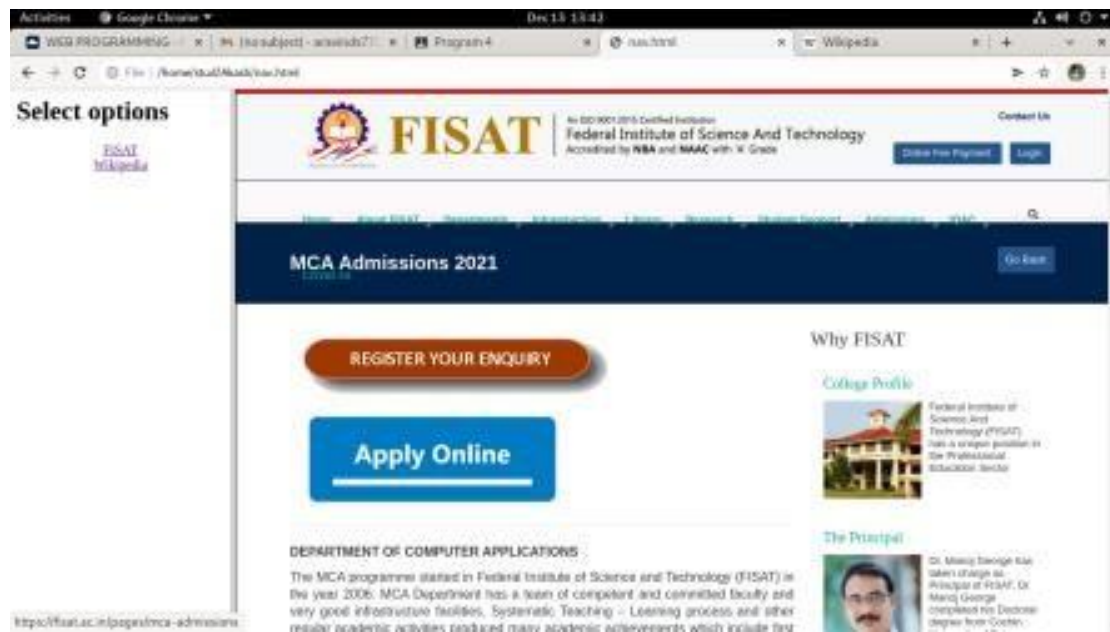
OUTPUT

FLOATING FRAME

NAVIGATION FRAME

MIXED FRAME

EXPERIMENT-5

Analyze CSS by applying the different styles using inline, external and internal style sheets in a HTML file.

PROGRAM CODE

INTERNAL STYLE SHEET

```
<html>
<head>
<title>
</title>
</head>
<style>
body{
   background-color: black;


}
h1{
color:white;
}
p
{
color:white;
}
</style>
<body>
<h1 >Kerala</h1>
<p>
```
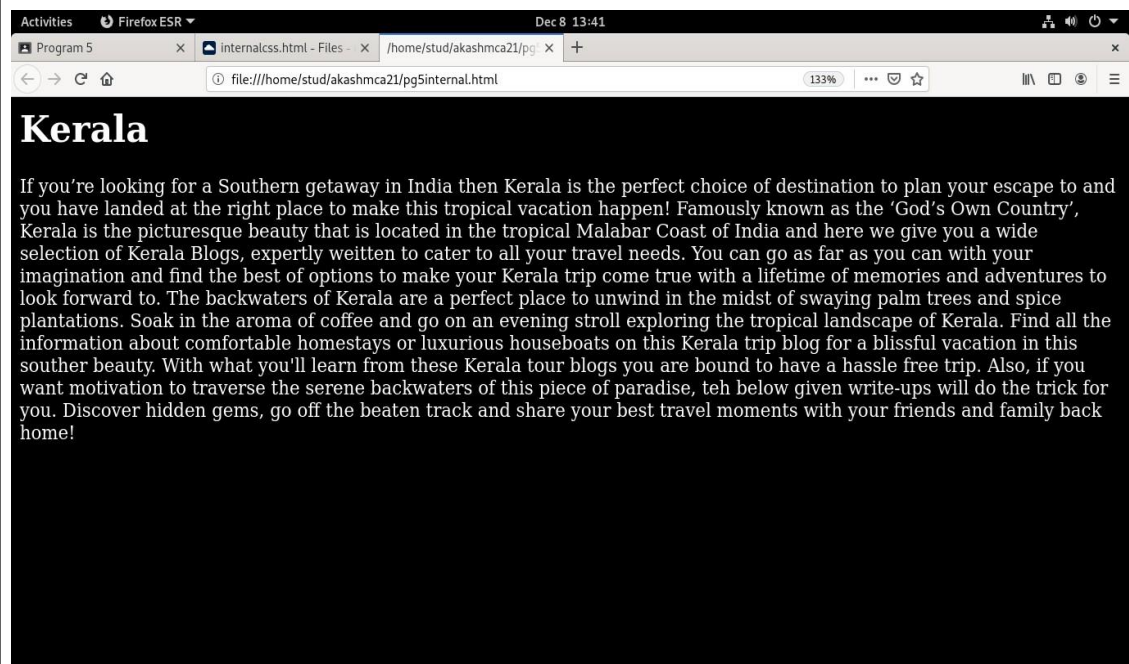
If you're looking for a Southern getaway in India then Kerala is the perfect choice of destination to plan your escape to and you have landed at the right place to make this tropical vacation happen! Famously known as the 'God's Own Country', Kerala is the picturesque beauty that is located in the tropical Malabar Coast of India and here we give you a wide selection of Kerala Blogs, expertly weitten to cater to all your travel needs. You can go as far as you can with your imagination and find the best of options to make your Kerala trip come true with a lifetime of memories and adventures to look forward to. The backwaters of Kerala are a perfect place to unwind in the midst of swaying

palm trees and spice plantations. Soak in the aroma of coffee and go on an evening stroll exploring the tropical landscape of Kerala. Find all the information about comfortable homestays or luxurious houseboats on this Kerala trip blog for a blissful vacation in this souther beauty. With what you'll learn from these Kerala tour blogs you are bound to have a hassle free trip. Also, if you want motivation to traverse the serene backwaters of this piece of paradise, teh below given write-ups will do the trick for you. Discover hidden gems, go off the beaten track and share your best travel moments with your friends and family back home!</p>
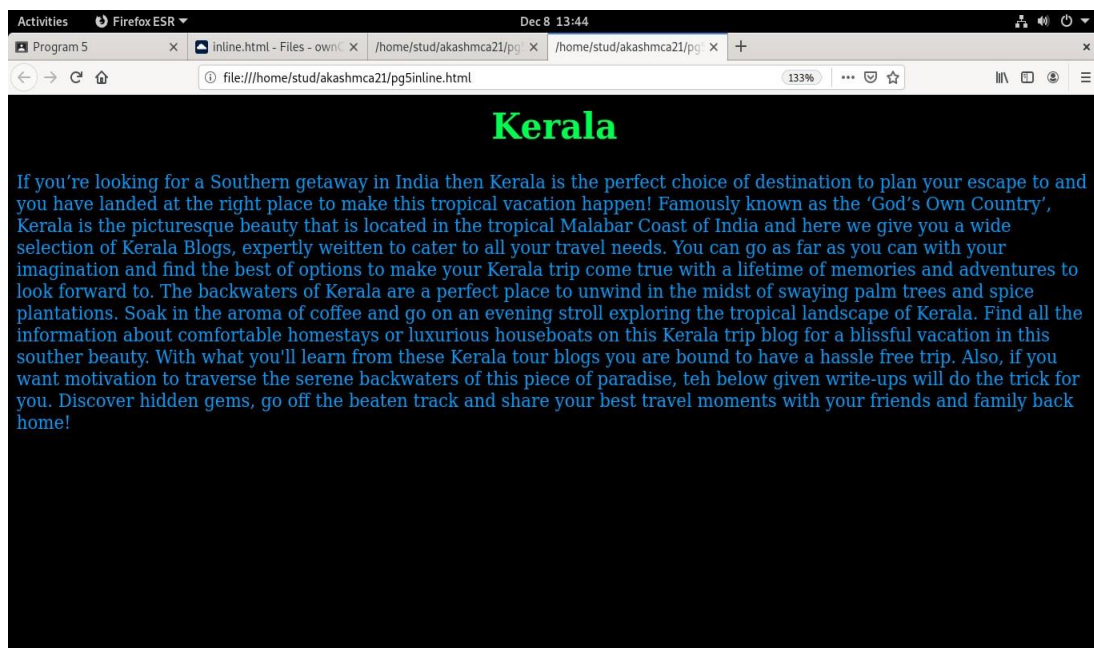
</body>
</html>

OUTPUT

Q5 INLINE STYLE SHEET
<html>
<head>
<title>
</title>
</head>

```
<body style="background-color: black;">
<h1 style= "color: #00ff50;text-align: center;">Kerala</h1>
<p style= "color: #009fff">
```

If you're looking for a Southern getaway in India then Kerala is the perfect choice of destination to plan your escape to and you have landed at the right place to make this tropical vacation happen! Famously known as the 'God's Own Country', Kerala is the picturesque beauty that is located in the tropical Malabar Coast of India and here we give you a wide selection of Kerala Blogs, expertly weitten to cater to all your travel needs. You can go as far as you can with your imagination and find the best of options to make your Kerala trip come true with a lifetime of memories and adventures to look forward to. The backwaters of Kerala are a perfect place to unwind in the midst of swaying palm trees and spice plantations. Soak in the aroma of coffee and go on an evening stroll exploring the tropical landscape of Kerala. Find all the information about comfortable homestays or luxurious houseboats on this Kerala trip blog for a blissful vacation in this souther beauty. With what you'll learn from these Kerala tour blogs you are bound to have a hassle free trip. Also, if you want motivation to traverse the serene backwaters of this piece of paradise, teh below given write-ups will do the trick for you. Discover hidden gems, go off the beaten track and share your best travel moments with your friends and family back home!</p>

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

Q5 external css

```
<html>
<head>
<title>
</title>
</head>
<link rel="stylesheet" href="css1.css">
<h1 >Kerala</h1>
<p>
```

If you're looking for a Southern getaway in India then Kerala is the perfect choice of destination to plan your escape to and you have landed at the right place to make this tropical vacation happen! Famously known as the 'God's Own Country', Kerala is the picturesque beauty that is located in the tropical Malabar Coast of India and here we give you a wide selection of Kerala Blogs, expertly weitten to cater to all your travel needs. You can go as far as you can with your imagination and find the best of options to make your Kerala trip come true with a lifetime of memories and adventures to look forward to. The backwaters of Kerala are a perfect place to unwind in the midst of swaying palm trees and spice plantations. Soak in the aroma of coffee and go on an evening stroll exploring the tropical landscape of Kerala. Find all the information about comfortable homestays or luxurious houseboats on this Kerala trip blog for a blissful vacation in this souther beauty. With what you'll learn from these Kerala tour blogs you are bound to have a hassle free trip. Also, if you want motivation to traverse the serene backwaters of this piece of paradise, teh below given write-ups will do the trick for you. Discover hidden gems, go off the beaten track and share your best travel moments with your friends and family back home!</p>
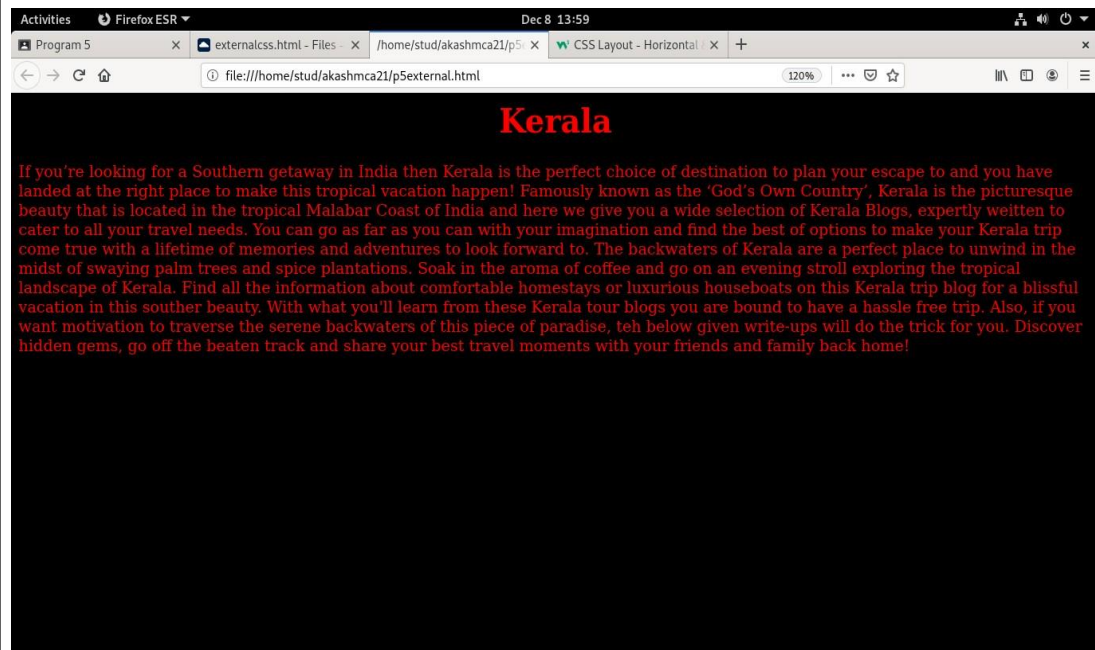
```
</body>
</html>


body
{
background-color:black;
}
h1{
color:red;
```

```
text-align: center;
}
p
{
color:red;
}
```

OUTPUT

EXPERIMENT-6

1. Create a HTML registration form and to validate the form using JavaScript code.

PROGRAM CODE

```
<!DOCTYPE html>

<html><head>
<style>


.outside{
padding: 30px 20px 20px 20px;
}
body
{
background: black;
}
h1{
    text-align: center;
    color:red;
}
form{
padding: 20px;
text-align:center;
}
input{
    width: 400px;
    height: 55px;
    border-radius:20px;
}
input[type="submit"]{
    background: #cb0c0c;
    border: none;
   margin-left: 110
px
;
}
.int{
```
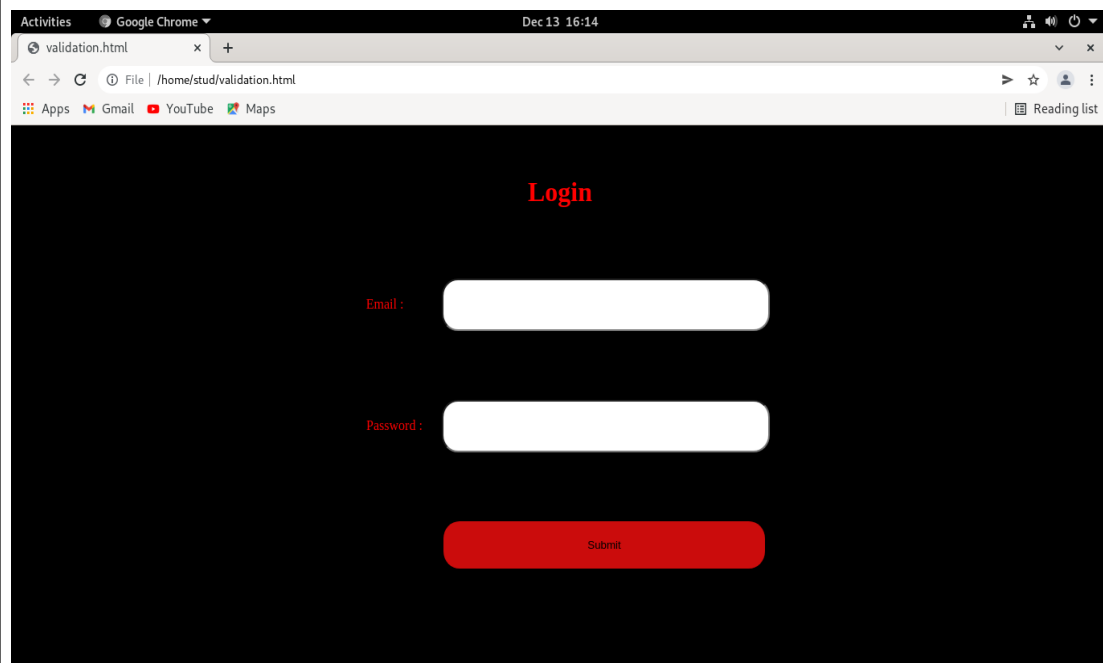
```
}
.fast{
display: block;
   padding: 40px;
   color: red;
   background-color:black;
}
span{
   padding: 20px;
}
</style>
<script>
function validateForm()
 {
var x = document.forms["myForm"]["fname"].value;
var y = document.forms["myForm"]["password"].value;
if (x == "") {
alert("Name must be filled out");
return false;
}


if (y == "") {
alert("Password must be filled out");
return false;
}
}


</script></head>
<body>
<div class="outside">
<h1>Login</h1>
<form name="myForm" action="/action_page_post.php"
onsubmit="return validateForm()" method="post">
<div class="int">
<div class="fast">
<span>
```

```
Email :</span>       <input type="text"
name="fname">
</div>
<div class="fast">
<span>
   Password :
</span>
<input type="text" name="password">
</div>
<div class="fast">
<input type="submit" value="Submit" >
</div>
</div>
</form>


</body>
</html>
```

OUTPUT

EXPERIMENT-7

Create a HTML page to explain the use of various predefined functions in a string and math objects in Javascript.

PROGRAM CODE

```
<html>
<body>
<script>
let text = " Master of Computer Application "; let length
= text.length;
let slice = text.slice(9,18);
let substring=text.substring(2);
let substr=text.substr(0,6);
let rs=text.replace("Master","Bachelor"); let
ab=text.toUpperCase();
let cd=text.toLowerCase();
let text1 = "Discrete";
let text2 = "Mathematics";
let result=text1.concat(text2);
let tr = text.trim();
let aaaa=text.charAt(2);
let text3 = "Delhi is the capital of India"; let pos
= text3.search("capital");
document.write("length : ",length);
document.write("<br>");
document.write("slice : ",slice);
document.write("<br>");
document.write("substring : ",substring);
document.write("<br>");
document.write("substr : ",substr);
document.write("<br>");
document.write("replace : ",rs);
document.write("<br>");
document.write("Uppercase : ",ab);
document.write("<br>");
document.write("Lowercase : ",cd);
document.write("<br>");
```
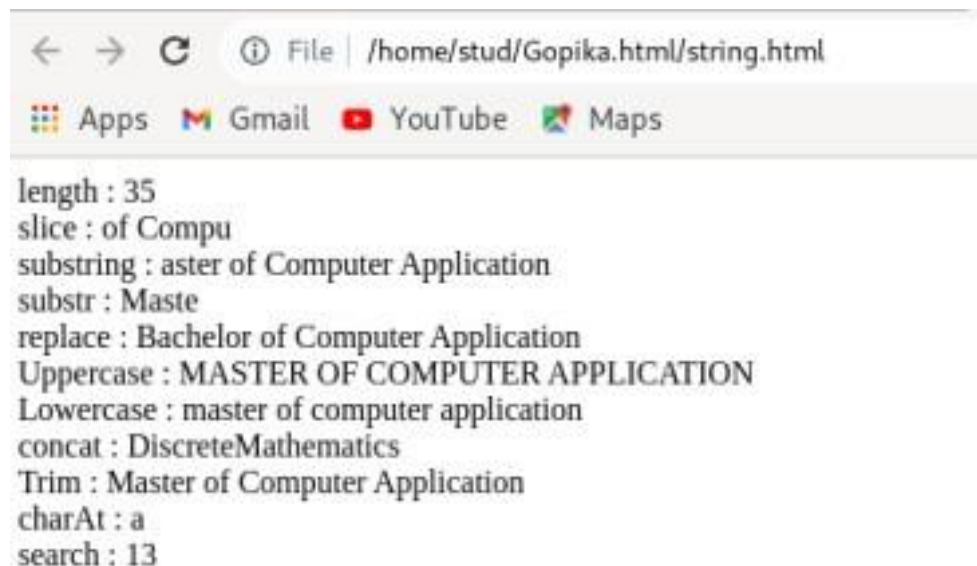
```
document.write("concat : ",result);
document.write("<br>");
document.write("Trim : ",tr);
document.write("<br>");
document.write("charAt : ",aaaa);
document.write("<br>");
document.write("search : ",pos);
document.write("<br>");
</script>
</body>
</html>
```

OUTPUT


```
length : 35
slice : of Compu
substring : aster of Computer Application
substr : Maste
replace : Bachelor of Computer Application
Uppercase : MASTER OF COMPUTER APPLICATION
Lowercase : master of computer application
concat : DiscreteMathematics
Trim : Master of Computer Application
charAt : a
search : 13
```

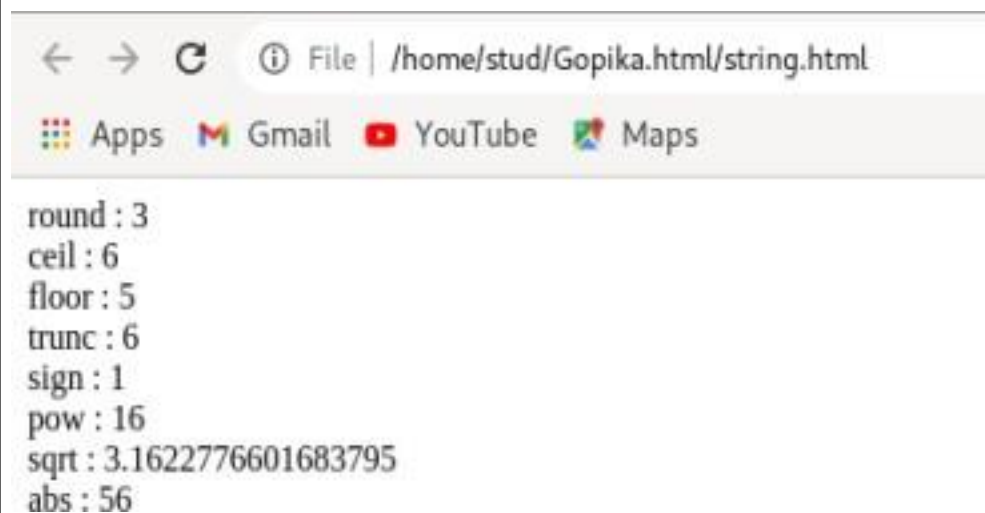**MATH FUNCTION**

```
<html>
<body>
<script>
let value = Math.round(2.5);
document.write("round : ",value);
document.write("<br>")
```

```
let a = Math.ceil(5.4)
document.write("ceil : ",a);
document.write("<br>")
let b = Math.floor(5.4)
document.write("floor : ",b);
document.write("<br>")
let x = Math.trunc(6.72);
document.write("trunc : ",x);
document.write("<br>")
let y = Math.sign(9);
document.write("sign : ",y);
document.write("<br>")
let p = Math.pow(2,4);
document.write("pow : ",p);
document.write("<br>")
let s = Math.sqrt(10);
document.write("sqrt : ",s);
document.write("<br>")
let abc = Math.abs(-56);
document.write("abs : ",abc);
document.write("<br>")
</script>
</body>
</html>
```

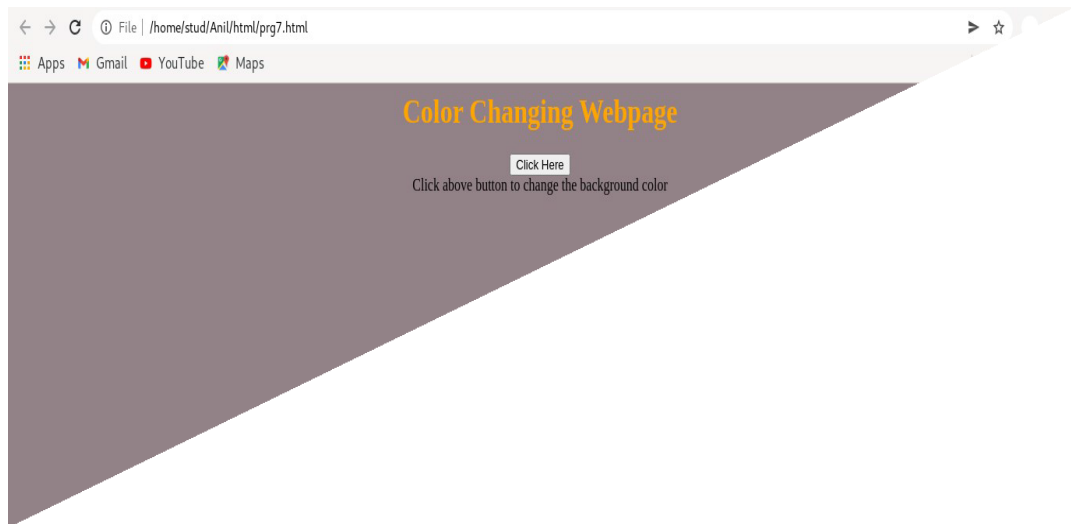## OUTPUT

EXPERIMENT-8

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

PROGRAM CODE

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

<u>OUTPUT</u>

EXPERIMENT-9

Generate the calendar using JavaScript code by getting the year and month from the user.

PROGRAM CODE

```
<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: pink;
}
</style>
</head>
<body>
<b><h2><center><fontcolor="orange">CALENDAR</center></h2></font></b>
Enter The year : <input type="number" name="cal" id="cal" /><br>
Enter The Month: <input type="number" name="month" id="month" /> <br>
<div id="calendar"></div>
<script>
var year = document.getElementById("cal").value; var month =
document.getElementById("month").value;
function getDay(date) {
let day = date.getDay();
if (day == 0) day = 7;
return day - 1;
}
function createCalendar(elem, 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>';
elem.innerHTML = table;
}
reateCalendar(calendar, year, month);
</script>
</body>
</html>
```

OUTPUT

EXPERIMENT-10

Compose Electricity bill from user input based on a given tariff using PHP.

PROGRAM CODE

```
<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 . ' - ' . $result;
}} /**
* To calculate electricity bill as per unit cost
*/
function calculate_bill($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>
```
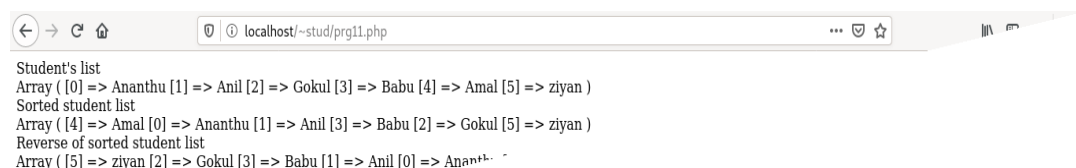
OUTPUT

AIM

EXPERIMENT-11

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 CODE

```php
<?php
$student=array("Ananthu","Anil","Gokul","Babu","Amal","ziyan");
echo "Student's list";
echo "<br>";
print_r($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] => Ananthu [1] => Anil [2] => Gokul [3] => Babu [4] => Amal [5] => ziyan )
Sorted student list
Array ( [4] => Amal [0] => Ananthu [1] => Anil [3] => Babu [2] => Gokul [5] => ziyan )
Reverse of sorted student list
Array ( [5] => ziyan [2] => Gokul [3] => Babu [1] => Anil [0] => Ananthu )
```

AIM

EXPERIMENT-12

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

PROGRAM CODE

```php
<html>
<body>
<?php
$Indcricketers= array("Virat Kohli", "M S Dhoni", "Rohit Sharma"); echo "Indian
Cricketers: " . $Indcricketers[0] . ", " . $Indcricketers[1] ." and" . $Indcricketers[2] .
"."; echo "<h3>INDIAN CRICKETERS</h3><table border='1'>

<tr>
<th>NO</th>
<th>NAMES</th>
</tr>
<tr>
<td>1</td>
<td>Virat Kohli</td>
</tr>
<tr>
<td>2</td>
<td>M S Dhoni</td>
</tr>
<tr>
<td>3</td>
<td>Rohit Sharma</td>
</tr>";
?>
</body>
</html>
```

OUTPUT

Indian Cricketers: Virat Kohli, M S Dhoni andRohit Sharma.

INDIAN CRICKETERS

NO	NAMES
1	Virat Kohli
2	M S Dhoni
3	Rohit Sharma

EXPERIMENT-13

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 CODE

bookinfo.html:

<html>

<head>

<title>book</title>

</head>

<body align="center"><u>BOOK INFORMATION SYSTEM</u>

Add Book

Search Book

</body>

</html>

addbook.html:

<html><head>

<title>add book</title></head>

<body>

<form name="frm1" action="addl.php" method="POST">

<center><u>Enter Book Details</u>

Access Number:<input type="text" name="num">

Title:<input type="text" name="tit">

Author:<input type="text" name="author">

Edition:<input type="text" name="edi">

Publisher:<input type="text" name="pub">

<input type="submit" name="Submit">

<input type="reset" name="Reset">

</form>

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

addl.php:

```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";
}
$sql="INSERT INTO book2 VALUES($num,'$tit','$author','$edi','$pub')";
if($con->query($sql))
{
echo "<BR>";
echo 'New row added';
}
else
{
echo "ERROR:could not execute query";
}
$con->close();
?>
```

search.html:

```html
<html>
<head>
<title>search</title>
</head>
<body>
<form name="frm2" action="searchl.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>
```
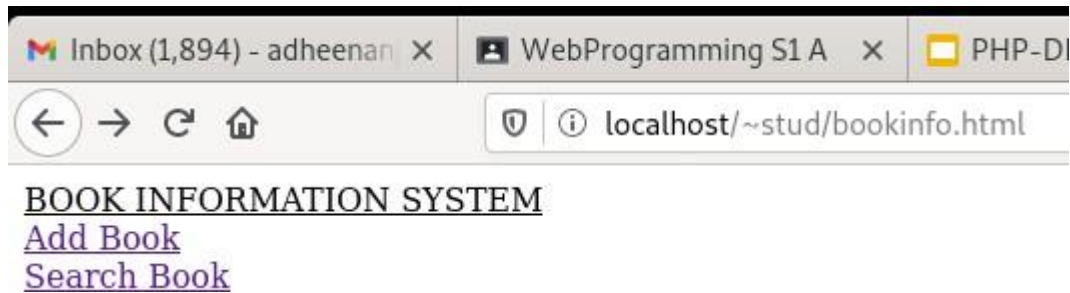
searchl.php:

```php
<?php
$title=$_POST['txt'];
$con=new
mysqli("localhost","fisat","fisat","fisatdb");
if($con==false)
{
echo "Failed to connect";
}
else
{
echo "connected \n";
}
$sql="select * from book2 where Title='$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

S1 A ✕ | PHP-DB_Conn-2022 - G ✕ | add book ✕ | +

tud/addbook.html

Enter Book Details

Access Number: 1

Title: dbms

Author: c.k gopalan

Edition: third

Publisher: hfc

Submit Query   Reset

M Inbox (1,894) - adheenan ✕ | ▣ WebProgramming S1 A ✕ |

← → C ⌂   🛡 ⓘ localhost/~stud/addl.php

connected
New row added

```
stud@debian:~$ mysql -u fisat -p
Enter password:
Welcome to the MariaDB monitor.  Commands end with ; or \g.
Your MariaDB connection id is 59
Server version: 10.5.11-MariaDB-1 Debian 11

Copyright (c) 2000, 2018, Oracle, MariaDB Corporation Ab and others.

Type 'help;' or '\h' for help. Type '\c' to clear the current input statement.

MariaDB [(none)]> use fisatdb
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 book2(access_no int(10),title varchar(20),author varchar(20),edition varchar(20),publisher varchar(20));
Query OK, 0 rows affected (0.120 sec)

MariaDB [fisatdb]> desc book2;
+-----------+-------------+------+-----+---------+-------+
| Field     | Type        | Null | Key | Default | Extra |
+-----------+-------------+------+-----+---------+-------+
| access_no | int(10)     | YES  |     | NULL    |       |
| title     | varchar(20) | YES  |     | NULL    |       |
| author    | varchar(20) | YES  |     | NULL    |       |
| edition   | varchar(20) | YES  |     | NULL    |       |
| publisher | varchar(20) | YES  |     | NULL    |       |
+-----------+-------------+------+-----+---------+-------+
5 rows in set (0.002 sec)


MariaDB [fisatdb]> select * from book2;
+-----------+--------+-------------+---------+-----------+
| access_no | title  | author      | edition | publisher |
+-----------+--------+-------------+---------+-----------+
|         1 | dbms   | c.k gopalan | third   | hfc       |
|         2 | java   | k.k rajeev  | second  | hww       |
|         3 | python | p.k rajeesh | fifth   | llp       |
+-----------+--------+-------------+---------+-----------+
3 rows in set (0.001 sec)

MariaDB [fisatdb]> █
```

SEARCH A BOOK

Enter book title: dbms

Submit Query

localhost/~stud/searchl.php

connected 1:dbms:c.k gopalan:third:hfc

EXPERIMENT-14

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

PROGRAM CODE

Airline.html

```html
<html>
<head>
<title>Airline</title>
</head>
<body align="center"><u>AIRLINE SYSTEM</u><br><br>
<a href="add.html">Add Airline</a><br><br>
<a href="search.html">Search Airline</a><br>
</body>
</html>
```

Add.html

```html
<html>
<head>
<title>Airline details</title></head>
<style>
label {
display: inline-block;
width: 300px;
}
</style>
<body>
<form name="frm1" action="addl.php" method="POST">
<b><u>Enter Airline Details</u></b><br><br>
<label>Airline Number:</label>
<input type="number" name="num"><br></b><br>
```

```
<label>Name:</label>

<input type="text" name="name"><br></b><br>

<label>Source:</label>

<input type="text" name="src"><br></b><br>

<label>Destination:</label><input type="text" name="dstn"><br></b><br>

<label>Date:</label><input type="date" name="date"><br></b><br>

<input type="submit" name="Submit">

<input type="reset" name="Reset">

</form>

</body>

</html>


Addl.php
<?php
$num=$_POST['num'];

$name=$_POST['name'];

$src=$_POST['src'];

$dstn=$_POST['dstn'];

$date=$_POST['date'];
$con=new mysqli("localhost","fisat","fisat","fisatdb");
if($con==false)
{
echo "Failed to connect\n";
}
else
{
echo "connected\n";
}
$sql="INSERT INTO airline028 VALUES($num,'$name','$src','$dstn','$date')";
if($con->query($sql))
```

```
{
echo "<BR>";
echo "New row added\n";
}
else
{
echo "ERROR:could not execute query";
}
$con->close();
?>


Search.html
<html>
<head>
<title>search</title>
<style>
label {
display: inline-block;
width: 300px;
}
</style>
</head>
<body>
<form name="frm2" action="searchl.php" method="POST">
<b><u>SEARCH AIRLINE</u></b><br><br>
<label>Enter Source:</label>
<input type="text" name="src"><br><br>
<label>Enter Destination:</label>
<input type="text" name="dstn"><br><br>
<input type="submit" name="Submit">
```
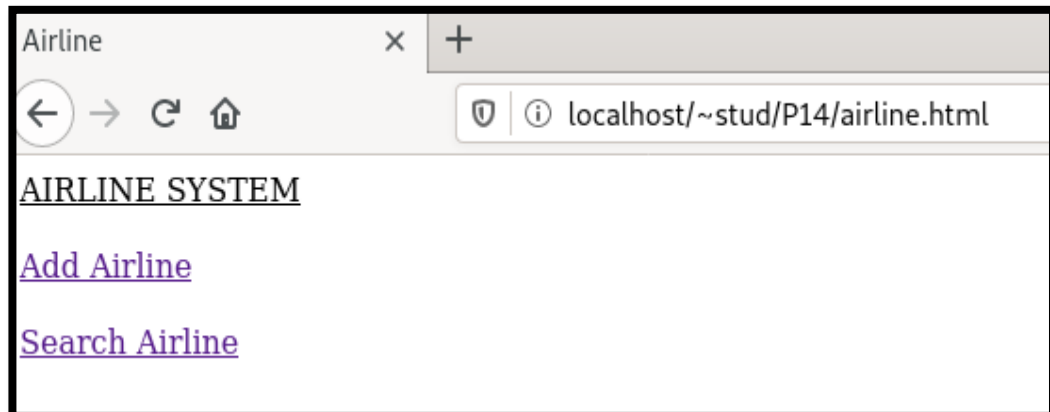
```
</center>

</form>

</body>

</html>

Search.php

<?php

$src=$_POST['src'];

$dstn=$_POST['dstn'];

$con=new mysqli("localhost","fisat","fisat","fisatdb");

if($con==false)

{

echo "Failed to connect";

}

else

{

echo "connected\n";

}

$sql="select * from airline028 where Source='$src' and Destination='$dstn'";

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\n";}

$result->close();

}

else

{

echo "\nCould not found the book"; }
```

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

OUTPUT

```
MariaDB [fisatdb]> select * from airline028;
+----------------+------+-----------+-------------+------------+
| Airline_number | Name | Source    | Destination | Date       |
+----------------+------+-----------+-------------+------------+
|             16 | ABC  | TVM       | Pune        | 2022-02-28 |
|             23 | ahc  | Kozhikode | Tvm         | 2022-03-30 |
|             12 | xyz  | Kochi     | Mumbai      | 2022-03-13 |
|             23 | qwe  | UK        | India       | 2022-03-16 |
+----------------+------+-----------+-------------+------------+
4 rows in set (0.000 sec)
```

search   ×   +

← → C ⌂   🛡 ⓘ localhost/~stud/P14/search.html

SEARCH AIRLINE

Enter Source: Kochi

Enter Destination: Mumbai

Submit Query

localhost/~stud/P14/searchl ×   +

← → C ⌂   🛡 ⓘ localhost/~stud/P14/searchl.php

connected 12:xyz:Kochi:Mumbai:2022-03-13 2:Air india:Kochi:Mumbai:2022-03-08