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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Branch: MASTER OF COMPUTER APPLICATIONS

Semester: 1 Batch: A Roll No: 39

University Registration Number: FIT21MCA-2039

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FEDERAL INSTITUTE OF SCIENCE AND TECHNOLOGY (FISAT)™

HORMIS NAGAR, MOOKKANNOOR, ANGAMALY-683577

FOCUS ON EXCELLENCE

CERTIFICATE

This is to certify that this is a Bonafide record of the Practical work done by ***ARUN G (FIT21MCA-2039)*** *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

CONTENT

11	**10/01/2022**	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.		
12	**10/02/2022**	Build a PHP code to store name of Indian Cricket players in an array and display the same in HTML table.		
13	**17/01/2022**	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		
14	**17/01/2022**	Using PHP and MySQL, develop a program to collect airline details and display all the airlines between a particular source and destination.		

Experiment No: 1

AIM

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

PROGRAM CODE

```
<!doctype html>
<html>
<head><title>webpage</title></head>
<body bgcolor="green">
<h1 align="center"><b><font
color=black>Kannur</h1><br><br><u><b><i><p>Kannur is one of the
14 districts along the west coast in the state of Kerala, India. The city of
Kannur is the district
headquarters and gives the district its name. The old name, Cannanore, is the
anglicized form of the
Malayalam name "Kannur". Kannur district is bounded by Kasaragod District
to the north, Kozhikode
district to the south, Mahé district to the southwest and Wayanad District to
the southeast. To the
east, the district is bounded by the Western Ghats, which forms the border
with the state of
Karnataka (Kodagu district). The Arabian Sea lies to the west. Paithalmala is
the highest point in
Kannur District (1,372m). Enclosed within the southern part of the district is
the Mahé district of the
Union Territory of Puducherry. The district was established in 1957.</P></i>
<br><br>
<h3 align="center"><b>THALASSERY</h3>
<center><img
```

src="https://upload.wikimedia.org/wikipedia/commons/thumb/d/d7/Thalassery_Montage.jpg/375p
x-Thalassery_Montage.jpg"height=300px width=300px>
<i><p>Thalassery formerly Tellicherry,[2] is a municipality on the Malabar Coast in Kannur district, in
the state of Kerala, India, bordered by the districts of Mahé (Pondicherry), Kozhikode, Wayanad,
Kasaragod and Kodagu (Karnataka). Thalassery municipality has a population just under 100,000.[3]
Thalassery Heritage City has an area of 23.98 square kilometres (9.26 sq mi). It is 22 km south of the
District HQ Kannur city. Thalassery is situated in an altitude ranging from 2.5m to 30m above mean
sea-level.

Thalassery municipality was formed on 1 November 1866 according to the Madras Act 10 of 1865
(Amendment of the Improvements in Towns act 1850)[4] of the British Indian Empire, making it the
second oldest municipality in the state. At that time the municipality was known as Thalassery
Commission, and Thalassery was the capital of North Malabar. G. M. Ballard, the Malabar collector,
was the first President of the municipal commission. Later a European barrister, A. F. Lamaral,
became the first Chairman of Thalassery municipality.[5] Thalassery grew into a prominent place
during European rule, due to its strategic geographic location.[6] Thalassery has played a significant
historical, cultural, educational and commercial role in the history of India, especially during the
colonial period. On 9 February 2014, Thalassery taluk was split in two[7] and Iritty taluk was formed.

The northeastern hilly region of the former Thalassery Taluk such as Peravoor, Aralam, Ayyankunnu,

Kottiyoor, Kelakam is within the Iritty Taluk area.</i></p>

</html>

OUTPUT

Experiment No: 2

AIM

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

PROGRAM CODE

```
<html>

<head>

<title>Personal Details</title>

</head>

<body align="center">

<h2>ARUN</h2>

<img
src="https://st.depositphotos.com/2101611/3925/v/600/depositphotos_
39258143-stock illustration-businessman-avatar-profile-picture.jpg"
alt="image" width=200px height=200px>


<li>Gender : MALE</li>

<li>Age : 22</li>

<li>Country : Indian</li>

<li>Place :<a
href="https://en.wikipedia.org/wiki/Kannur">Kannur</a></li> <h2>E
ducation</h2>

<table align="center" border="1">

<tr>

<th>school/college</th>

<th>course</th>

</tr>

<tr>
```

```
<td bgcolor="black"><a
href="https://prmkhsskolavalloor.wordpress.com/">PRMKHSS</td
> <td>SSLC</td>
</tr>
<tr>
<td bgcolor="red"><a href="https://www.kgi.edu.in/">KGI</td>
<td>Bca</td>
</tr>
</table>
</body>
</html>
```

OUTPUT

ARUN

- Gender : MALE
- Age : 22
- Country : Indian
- Place :Kannur

Education

school/college	course
PRMKHSS	SSLC
KGI	Bca

Experiment No: 3

AIM

Create an application form for MCA course in FISAT.

PROGRAM CODE

```
<html>
<head>
<title>Application for admission
</title>
</head>
<body>
<center>
<img src="https://fisat.ac.in/files/events/5725291883.jpg" height="100px"
width="150px">
</center>
<h1 align="center">Federal Institute of Science And Technology
(FISAT)</h1>
<form method="POST" action="comments.php">
Name<br><input name="name" type="text" size="20"><br>
<h3>Address</h3>
Address<br><input name="ad1" type="text" size="40"><br><br>
City        <input
name="city" type="text"
size="20">    
State      <input name="state"
type="text"
size="20"><br><br>
Country  <input name="country" type="text"
size="20">   
Pincode  <input name="pincode" type="number"
size="6"><br><br>
```

```
Mobile Number<br><input name="mobile" type="number"
size="10"><br><br>

<h4>Email Id</h4><br><input name="email" type="email"
size="20"><br><br>

<label for="dob">Date Of Birth : </label>
<input type = "date" id="dob" name="dob">

<h4>Gender</h4>
<input type="radio" name="gender" value=male>
Male
<input type="radio" name="gender" value=female>
Female<br><br>

<h2>Academic Qualification</h2>
Entrance Rank(if available)<br><input name="erank" type="number"
size="2000"><br><br>
Tenth%<br><input name="10th" type="number" size="100"><br><br>
Plus Two%<br><input name="plustwo" type="number"
size="100"><br><br>
Whether candidate has studied mathematics at +2/degree %<br>
<input type="radio" name="maths?" value=yes>
YES
<input type="radio" name="maths?" value=no>
NO<br><br>

Graduation Course taken/completed
<br>
<input type="radio" name="course" value=Bsc>
BSc
<input type="radio" name="course" value=BCA>
BCA
<input type="radio" name="course" value=Bcom>
```

```
Bcom
<input type="radio" name="course" value=Others>
Others <input name="others" type="text" size="20"><br><br>

Degree Percentage(upto published)<br><input name="degree" type="number"
size="100"><br><br>
Semester upto results available<br><input name="sem" type="number"
size="100"><br><br>
<center>
<input type="Submit" name="send" value="Proceed"></center>

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

OUTPUT

Experiment No: 4

AIM

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

PROGRAM CODE

FLOATING FRAME

CODE

```
<!DOCTYPE html>
<html>
<body>
<h1>SACHIN TENDULKAR</h1>
<iframe
src="https://en.wikipedia.org/wiki/Sachin_Tendulkar"height="500"width="600">
</iframe>
</body>
</html>
```

OUTPUT

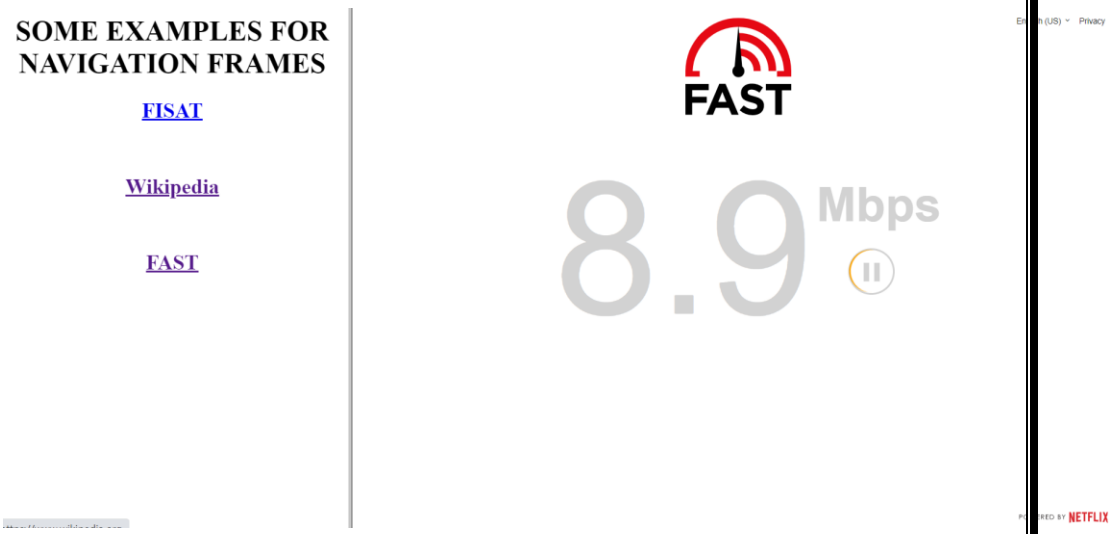
NAVIGATION FRAME

```
<html>
<frameset cols ="400,*">
<frame src ="page1.html">
<frame name="showframe">
<frame name="showframe">
</frameset>
</html>
```

```
<html>
<head>
<title>Floating Frame</title>
<body>
<h1 align="center">SOME EXAMPLES FOR NAVIGATION
FRAMES</h1>
<h2 align="center"><a href = "https://www.fisat.ac.in/"
target="showframe">FISAT</a></h2><br>
<h2 align="center"><a href = "https://www.wikipedia.org/"
target="showframe">Wikipedia</a></h2><br>
<h2 align="center"><a href = "https://www.fast.com/"
target="showframe">FAST</a></h2><br>
</body>
</html>
```

OUTPUT


SOME EXAMPLES FOR NAVIGATION FRAMES
FISAT
Wikipedia
FAST
FISAT
Federal Institute of Science And Technology

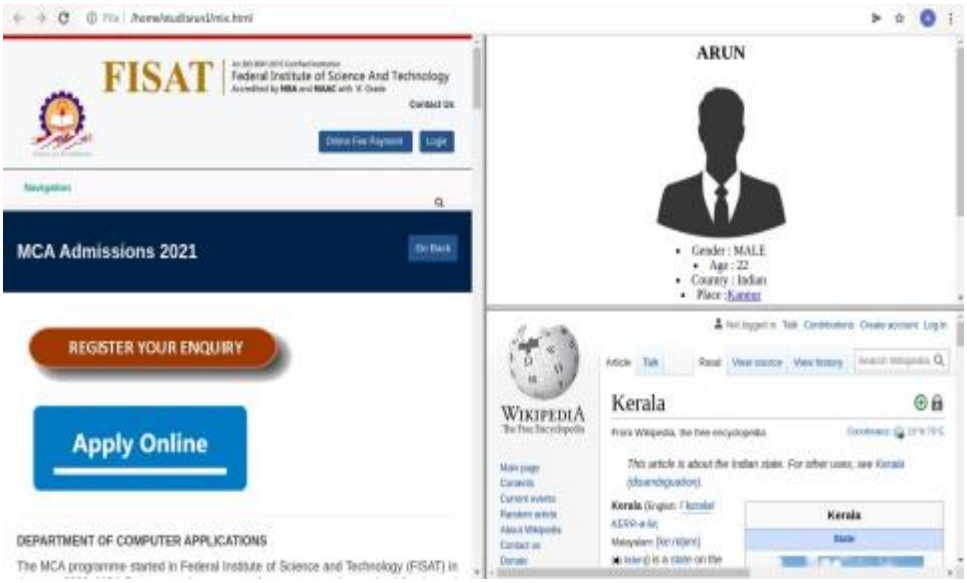

SOME EXAMPLES FOR NAVIGATION FRAMES
FISAT
Wikipedia
FAST
FAST
8.9
Mbps

MIXED FRAME

CODE

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

OUTPUT



Experiment No: 5

AIM

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

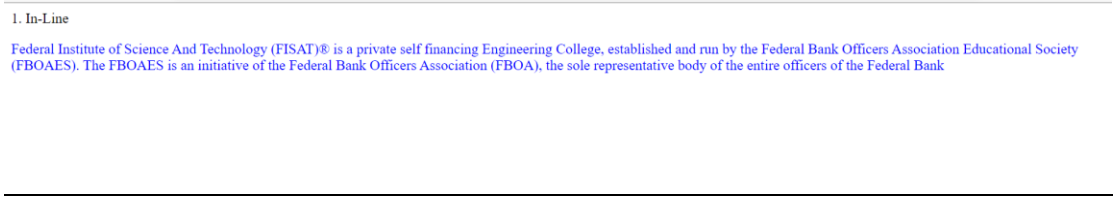
PROGRAM CODE

INLINE

CODE

```
<html>

<head>

<body>

<hl style="color:black;font-family:"timesnewroman ">1. In-Line</h1> <p style="color: blue;">Federal Institute of Science And Technology (FISAT)® is a private self financing Engineering College, established and run by the Federal Bank Officers Association Educational Society (FBOAES). The FBOAES is an initiative of the Federal Bank Officers Association (FBOA), the sole representative body of the entire officers of the Federal Bank</p>

</body>

</html>
```

OUTPUT

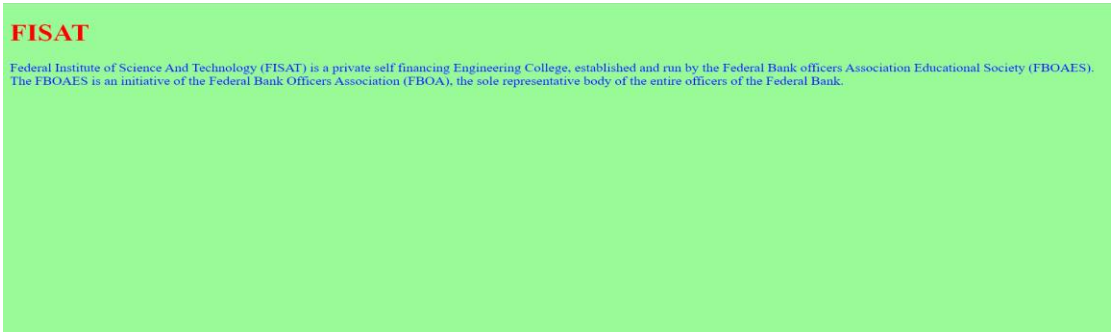


INTERNAL

CODE

```
<!DOCTYPE html>
 <html>
 <head>
<style>
body {background-color: palegreen; }
h1 {color: red;}
 p {color: blue; } </style>
 </head>
<body>
<h1>FISAT</h1> <p>Federal Institute of Science And Technology (FISAT) is a private self financing Engineering College, established and run by the Federal Bank officers Association Educational Society
(FBOAES). The FBOAES is an initiative of the Federal Bank Officers Association (FBOA), the sole representative body of the entire officers of the Federal Bank.
</p>
</body>
 </html>
```

OUTPUT



EXTERNAL

CODE

```
<html>

<head>

<link rel="stylesheet" href="mystyle.css"> </head>

<body>

<h1>EXAMPLE</h1>

<p>it is an example for external css </p> </body>

</html>
```

mystyle.css

```
body {

background-color: blue;

h1 {

color: black; margin-left: 10px;
```

OUTPUT

Experiment No: 6

AIM

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

PROGRAM CODE

```
<html>

<head>

<script>

function validateForm() {

let x = document.forms["myForm"]["name"].value;

if (x == "") {

alert("Name must be filled out");

return false;

}

let y = document.forms["myForm"]["ad1"].value;

if (y == "") {

alert("address must be filled out");

return false;

}

let z = document.forms["myForm"]["city"].value;

if (z == "") {

alert("city must be filled out");

return false;

}
```

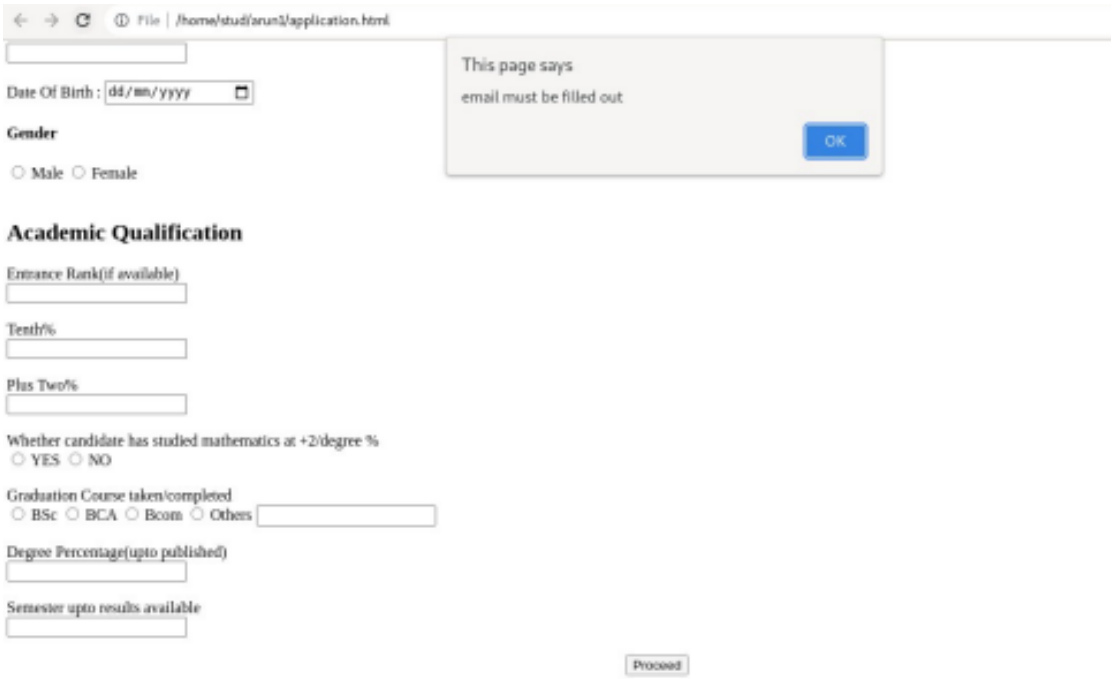
```
let a = document.forms["myForm"]["email"].value;
if (a == "") {
alert("email must be filled out");
return false;
}
let b = document.forms["myForm"]["dob"].value;
if (b == "") {
alert("dob must be filled out");
return false;
}
let c = document.forms["myForm"]["degree"].value;
if (c == "") {
alert("degree percentage must be filled out");
return false;
}
}
</script>
<title>Application for admission
</title>
</head>
<body>
<center>
<img src="https://fisat.ac.in/files/events/5725291883.jpg" height="100px"
width="150px">
</center>
```

```
<h1 align="center">Federal Institute of Science And Technology (FISAT)</h1>

<form name="myForm" action="/action_page.php" onsubmit="return
validateForm()"

method="post">

Name<br><input name="name" type="text" size="20"><br>

<h3>Address</h3>

Address<br><input name="ad1" type="text" size="40"><br><br>

City        <input name="city"
type="text"

size="20">    


State      <input name="state" type="text"

size="20"><br><br>

Country  <input name="country" type="text"
size="20">   

Pincode  <input name="pincode" type="number" size="6"><br><br>

Mobile Number<br><input name="mobile" type="number" size="10"><br><br>


<h4>Email Id</h4><br><input name="email" type="email" size="20"><br><br>

<label for="dob">Date Of Birth : </label>

<input type = "date" id="dob" name="dob">

<h4>Gender</h4>

<input type="radio" name="gender" value=male>

Male

<input type="radio" name="gender" value=female>
```

```
Female<br><br>

<h2>Academic Qualification</h2>

Entrance Rank(if available)<br><input name="erank" type="number"
size="2000"><br><br>

Tenth%<br><input name="10th" type="number" size="100"><br><br>

Plus Two%<br><input name="plustwo" type="number" size="100"><br><br>

Whether candidate has studied mathematics at +2/degree %<br>

<input type="radio" name="maths?" value=yes>

YES

<input type="radio" name="maths?" value=no>

NO<br><br>

Graduation Course taken/completed

<br>

<input type="radio" name="course" value=Bsc>

BSc

<input type="radio" name="course" value=BCA>

BCA

<input type="radio" name="course" value=Bcom>

Bcom

<input type="radio" name="course" value=Others>

Others <input name="others" type="text" size="20"><br><br>

Degree Percentage(upto published)<br><input name="degree" type="number"

size="100"><br><br>

Semester upto results available<br><input name="sem" type="number"
size="100"><br><br>
```

```
<center>

<input type="Submit" name="send" value="Proceed"></center>



</form>

</body>

</html>
```

OUTPUT



Experiment No: 7

AIM

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

PROGRAM CODE

```
<html>

<head>

THE STRING IS <br>

<p id="demo1"></p>

</head>

<body>

<h3>

Length of string is

</h3>

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

<h3>Slice function

</h3>

<p id="demo2"></p>

<h3>Substring function

</h3>

<p id ="demo3"></p>

<h3>Substr function</h3>

<p id="demo4"></p>

<h3>Replace</h3>
```

```
<p id="replace">MBA</p><br>

<button onclick="replace()">Replace</button><br>

<h3>To Uppercase</h3><br>

<p id="uc">fisat college</p>

<br>

<button onclick="ucase()">Uppercase</button>

<br>

<h3>To Lowercase</h3><br>

<p id="lc">FISAT</p>

<br>

<button onclick="lcase()">Lowercase</button>

<br>

<h3>Concat</h3>

<p id="concat1"></p>

<p id="concat2"></p>

After Concatnation

<p id="concat"></p>

<h3>CharAt</h3>

<p id="charat" ></p>

<h3>Convert string to array</h3>

<p id="arr"></p>

<h3>IndexOf</h3>

<p id="indexof"></p>

<h3>SearchOf</h3>
```

```
<p id="search"></p>

<h3>Includes()</h3>

<p id="inc"></p>

<h1>MATH FUNCTIONS</h1><br><br>

<h3>Round Function</h3>

number = 6.5



<p id="m1"></p>

<h3>Ceil Function</h3>

number = 8.4

<p id="m2"></p>

<h3>floor Function</h3>

number = 8.4

<p id="m3"></p>

<h3>Trunc Function</h3>

number = 8.4

<p id="m4"></p>

<h3>Sign Function</h3>

number = 4

<p id="m5"></p>

<h3>Pow Function</h3>

<p id="m6"></p>

<h3>Square root Function</h3>

<p id="m7"></p>
```

```
<h3>Absolute value Function</h3>

<p id="m8"></p>

<h3>Sin Function</h3>

<p id="m9"></p>

<h3>Cos Function</h3>

<p id="m10"></p>

<h3>Min Function</h3>

<p id="m11"></p>

<h3>Max Function</h3>

<p id="m12"></p>

<h3>Random Function</h3>

<p id="m13"></p>

<h3>Log Function</h3>

<p id="log"></p>


<script>

let x ="fisat engineering college";

document.getElementById("demo1").innerHTML = x;

document.getElementById("demo").innerHTML = x.length;


document.getElementById("demo2").innerHTML = x.slice(6,13);

document.getElementById("demo3").innerHTML = x.substring(0,5);

document.getElementById("demo4").innerHTML = x.substr(14,3);

function replace()
```

```
{
let text = document.getElementById("replace").innerHTML;
document.getElementById("replace").innerHTML =
text.replace("MBA","MCA");
}
function ucase() {
let text = document.getElementById("uc").innerHTML;
document.getElementById("uc").innerHTML =
text.toUpperCase();
}
function lcase() {
let text = document.getElementById("lc").innerHTML;
document.getElementById("lc").innerHTML =
text.toLowerCase();
}
let text1 = "FISAT";
let text2 = "COLLEGE";
let text3 = text1.concat(" ",text2);
document.getElementById("concat1").innerHTML = text1;
document.getElementById("concat2").innerHTML = text2;
document.getElementById("concat").innerHTML = text3;
document.getElementById("charat").innerHTML = x.charAt(0);
let text = "FISAT";
const myArr = text.split("");
```

```
text = "";
for (let i = 0; i < myArr.length; i++) {
text += myArr[i] + "<br>"
}
document.getElementById("arr").innerHTML = text;

document.getElementById("indexof").innerHTML = x.indexOf("fisat");
document.getElementById("search").innerHTML = x.search("college");

document.getElementById("inc").innerHTML = x.includes("fisat");

document.getElementById("m1").innerHTML = Math.round(6.5);
document.getElementById("m2").innerHTML = Math.ceil(8.4);

document.getElementById("m3").innerHTML = Math.floor(8.4);
document.getElementById("m4").innerHTML = Math.trunc(8.4);
document.getElementById("m5").innerHTML = Math.sign(4);
document.getElementById("m6").innerHTML = Math.pow(8,2);
document.getElementById("m7").innerHTML = Math.sqrt(49);
document.getElementById("m8").innerHTML = Math.abs(-4.4);
document.getElementById("m9").innerHTML =
"The sine value of 90 degrees is " + Math.sin(90 * Math.PI / 180);
document.getElementById("m10").innerHTML =
"The cosine value of 0 degrees is " + Math.cos(0 * Math.PI / 180);
```

```
document.getElementById("m11").innerHTML =

Math.min(0, 150, 30, 20, -8, -200);

document.getElementById("m12").innerHTML =

Math.max(0, 150, 30, 20, -8, -200);

document.getElementById("m13").innerHTML = Math.random();

document.getElementById("log").innerHTML = Math.log(5);

</script>

</body>

</html>
```

OUTPUT

THE STRING IS

fisat engineering college

Length of string is

25

Slice function

enginee

Substring function

fisat

Substr function

ing

Replace

MBA

Replace

To Uppercase

fisat college

Uppercase

To Lowercase

FISAT

Uppercase

To Lowercase

FISAT

Lowercase

Concat

FISAT

COLLEGE

After Concatnation

FISAT COLLEGE

CharAt

f

Convert string to array

F
I
S
A
T

IndexOf

0

SearchOf

18

Includes()

true

MATH FUNCTIONS

Round Function

number = 6.5

7

Ceil Function

number = 8.4

9

floor Function

number = 8.4

8

Trunc Function

number = 8.4

8

Sign Function

number = 4

1

Pow Function

64

Square root Function

Experiment No: 8

AIM

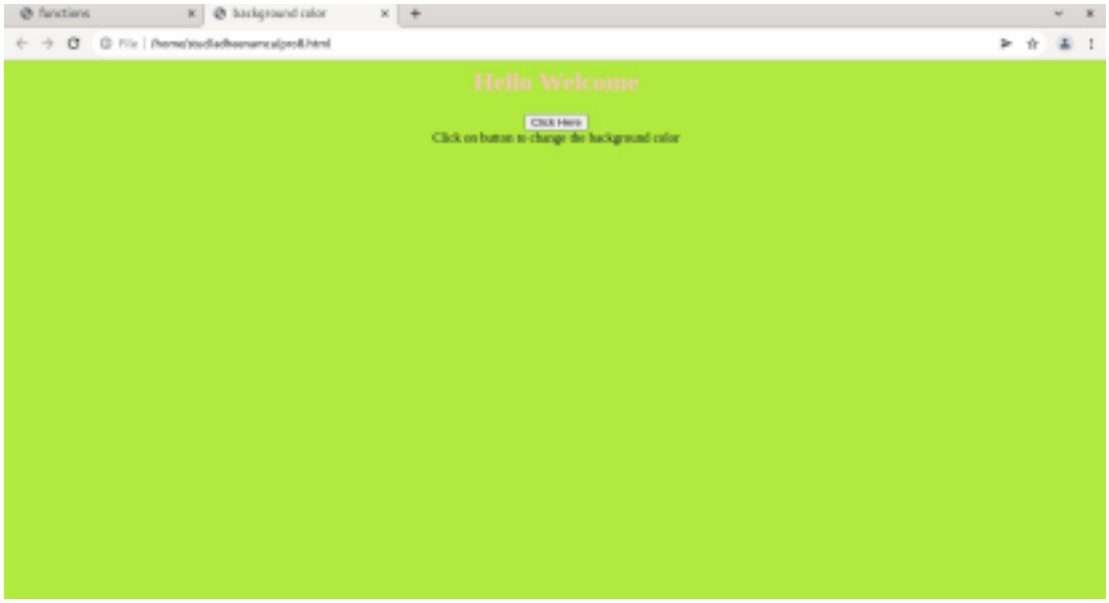
Create a HTML page to change the background color for every click of a button using JavaScript Event Handling

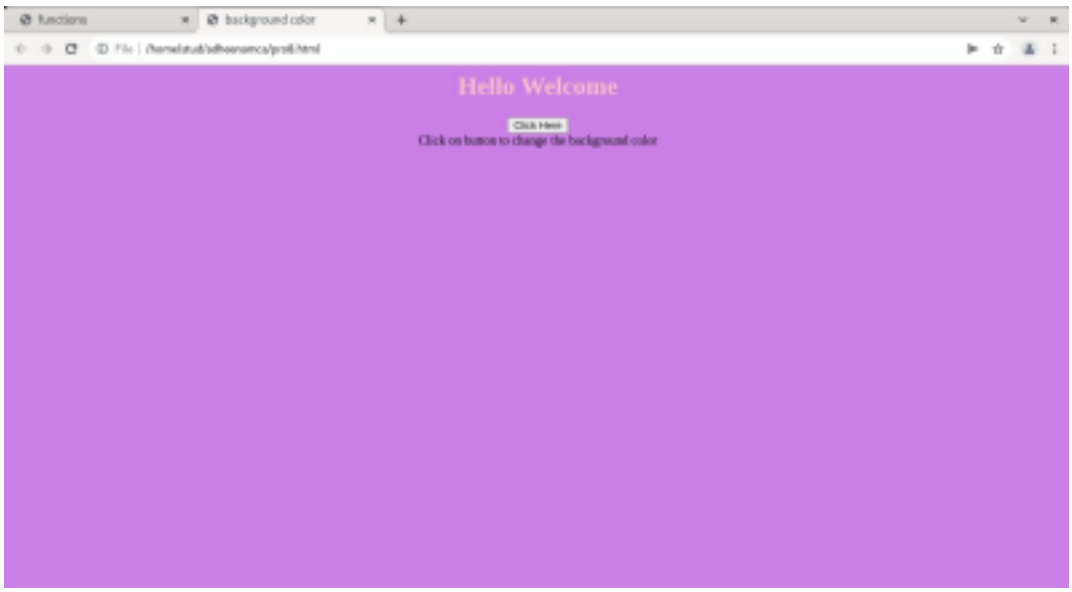
PROGRAM CODE

```
<html>

<head>

<title>

background color

</title>

</head>

<body style = "text-align:center;">

<h1 style = "color:pink;" >

Hello 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()*0xFFFFFF<<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 CODE

```
<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: #E6E6E6;
}
</style>
</head>
<body>
<b><u>CALENDAR</u></b><br>
Enter The year : <input type="number" name="cal" id="cal" /><br><br>
Enter The Month: <input type="number" name="month" id="month" />
<br><br>
<div id="calendar"></div>
<button onclick=>
<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;
}
createCalendar(calendar, year, month);
</script>
</body>
</html>
```

OUTPUT

CALENDAR

Enter The year : 2019

Enter The Month: 6

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

Experiment No: 10

AIM

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

PROGRAM CODE

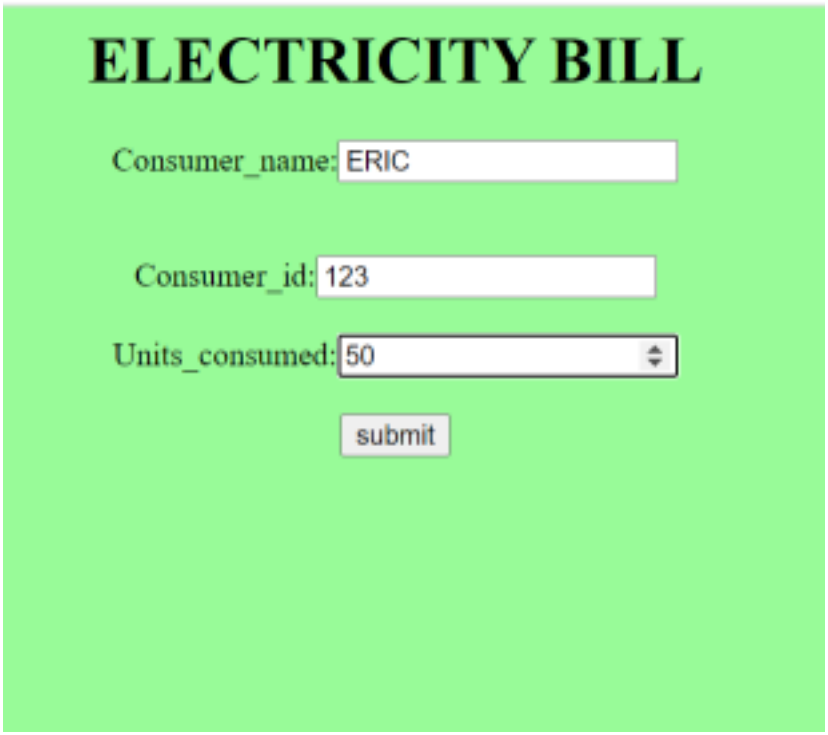
Bill.html

```
<html>
<head>
<title>electricity</title>
</head>
<body bgcolor="palegreen">
<h1 align="center">ELECTRICITY BILL</h1>
<form align="center" action="ebill.php" method="post">
Consumer_name:<input type="text" name="a"></input><br><br><br>
Consumer_id:<input type="number" name="c"></input><br><br>
Units_consumed:<input type="number" name="u"></input><br><br>
<input type="submit" value="submit">
</form>
</body>
</html>
```

Ebill.php

```
<?php
$s=$_POST['u'];
$h=$_POST['a'];
$y=1.5;
$z=$s*$y;
echo "$h is wanted to pay amount $z";
?>
```

OUTPUT



ERIC is wanted to pay amount 75

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 CODE

```
<?php
$student=array("Aravind","Dev","Albin","Abhi","Arun","Krishna");
echo "Student's list";
echo "<br>";
print_r($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] => Aravind [1] => Dev [2] => Albin [3] => Abhi [4] => Arun [5] => Krishna )
Sorted student list
Array ( [3] => Abhi [2] => Albin [0] => Aravind [4] => Arun [1] => Dev [5] => Krishna )
Reverse of sorted student list
Array ( [5] => Krishna [1] => Dev [4] => Arun [0] => Aravind [2] => Albin [3] => Abhi )
```

Experiment No: 12

AIM

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

PROGRAM CODE

```
<html> <body>

<?php

$Indcricketers= array("Sachin", "M S Dhoni", "Yuvi"); 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>Sachin</td>

</tr>

<tr>

<td>2</td>

<td>M S Dhoni</td> </tr>

<tr>

<td>3</td>

<td>Yuvi</td>

</tr>";

?>

</body>

</html>
```

OUTPUT

Indian Cricketers: Sachin, M S Dhoni andYuvi.

INDIAN CRICKETERS

NO	NAMES
1	Sachin
2	M S Dhoni
3	Yuvi

Experiment 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 CODE

bookinfo.html

```
<html>
<head>
<title>book</title>
</head>
<body bgcolor="lavender"><center><h1>BOOK INFORMATION
SYSTEM</h1><br>
<a href="ADD_BOOK.html">Add Book</a><br>
<a href="Search.html">Search Book</a><br>
</center>
</body>
</html>
```

addbook.html

```
<html><head>
<title>add book</title></head>
<body bgcolor="lavender">
<form name="frm1" action="addl.php" method="POST">
<center><b><u>Enter Book Details</u></b><br>
Access Number:<br><input type="text" name="num"><br>
Title:<br><input type="text" name="tit"><br>
Author:<br><input type="text" name="author"><br>
```

```
Edition:<br><input type="text" name="edi"><br>
Publisher:<br><input type="text" name="pub"><br>
<br>
<input type="submit" name="Submit">
<input type="reset" name="Reset"></center>
</form>
</body>
</html>
```

addl.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"; }
$sql="INSERT INTO addb13
VALUES($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

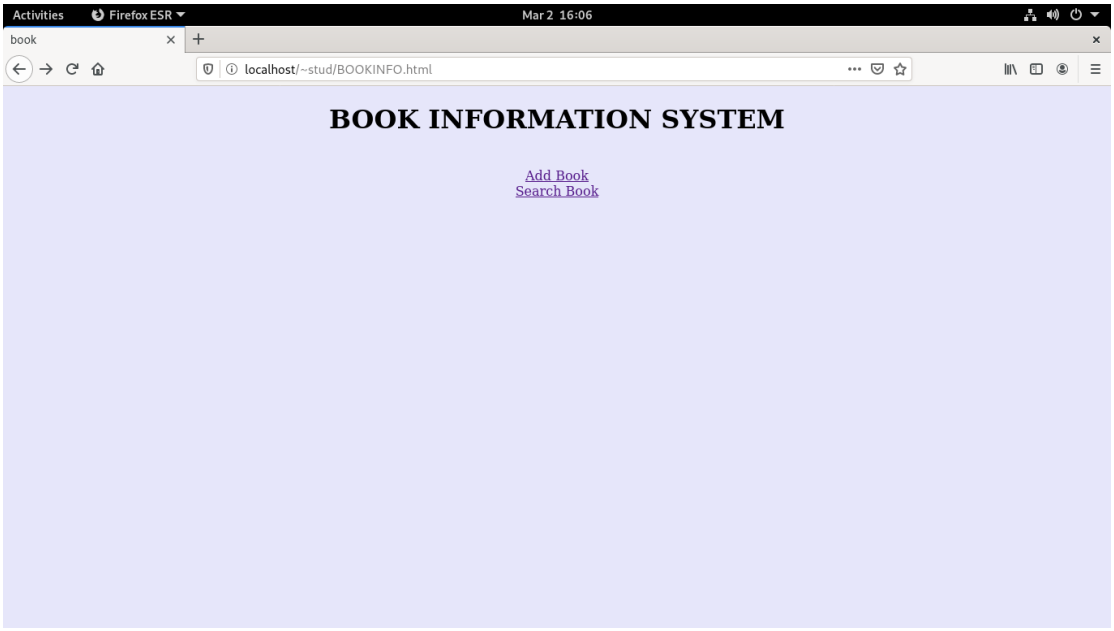
```
<html>
<head>
<title>search</title>
</head>
<body bgcolor="lavender">
<form name="frm2" action="searchl.php"
method="POST">
<center>
<b><u>SEARCH A BOOK</u></b><br>
Enter book title:<br><input type="text" name="txt"><br>
<br><input type="submit" name="Submit">
</center>
</form>
</body>
</html>
```

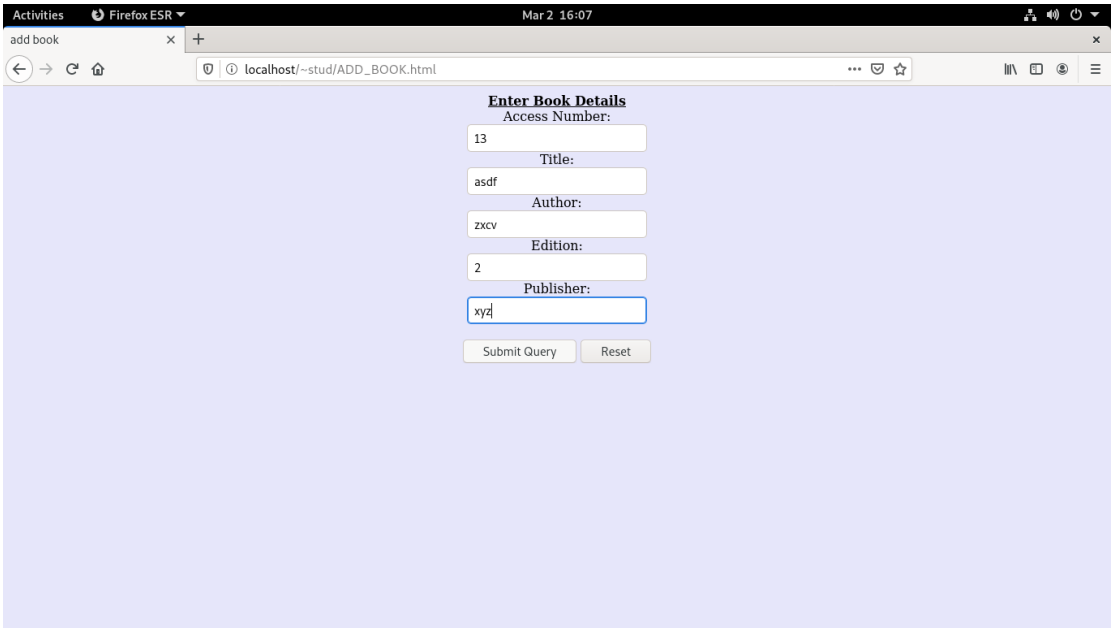
searchl.php

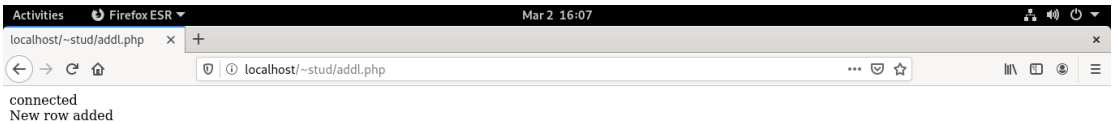
```
<?php
$title=$_POST['txt'];
$con=new
mysqli("localhost","fisat","fisat","fisatdb");
if($con==false)
{
echo "Failed to connect";
}
else
{
echo "connected\n";
```

```
}
$sql="select * from addb13 where
Title='$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();
?>
```

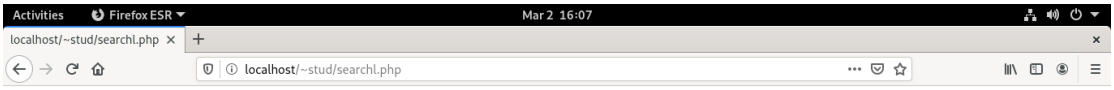
OUTPUT


Activities
Firefox ESR
Mar 2 16:06
book
localhost/~stud/BOOKINFO.html
BOOK INFORMATION SYSTEM
Add Book
Search Book


Activities
Firefox ESR
Mar 2 16:07
add book
localhost/~stud/ADD_BOOK.html
Enter Book Details
Access Number:
13
Title:
asdf
Author:
zxcv
Edition:
2
Publisher:
xyz
Submit Query
Reset



connected
New row added


Activities
Firefox ESR
Mar 2 16:07
localhost/~stud/searchl.php
localhost/~stud/searchl.php
connected 13:asdf:zxcv:2:xyz

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 CODE

Airline.html

```
<html>

<head>

<title>Airline </title>

</head>

<body align="center" bgcolor="skyblue"><u><h1>AIRLINE INFORMATION
SYSTEM</h1></u><br>

<a href="ad.html">Add Flight Details</a><br>

<a href="sr.html">Search Flight</a><br>

</body>

</html>
```

Sr.html

```
<html>

<head>

<title>search</title>

</head>

<body bgcolor="skyblue">

<form name="frm2" action="srl.php"
method="POST">

<center>
```

```
<b><u>SEARCH FLIGHT</u></b><br>

Enter source:<br><input type="text" name="txt"><br>

Enter destination:<br><input type="text" name="txt1"><br>

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

</center>

</form>

</body>

</html>
```

Add.html

```
<html><head>

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

<body bgcolor="skyblue">

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

<center><b><u>Enter Airline Details</u></b><br>

Flight Number:<br><input type="text" name="num"><br>

Name:<br><input type="text" name="nam"><br>

Date:<br><input type="date" name="dt"><br>

source:<br><input type="text" name="sr"><br>

destination:<br><input type="text" name="des"><br>

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

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

</form>

</body>

</html>
```

Add.php

```
<?php

$num=$_POST['num'];

$name=$_POST['nam'];

$date=$_POST['dt'];

$source=$_POST['sr'];

$destination=$_POST['des'];

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

if($con==false)

{ echo "Failed to connect"; }

else

{ echo "connected"; }

$sql="INSERT INTO airline
VALUES($num,'$name','$date','$source','$destination')";

if($con->query($sql))

{

echo "<BR>";

echo 'New row added';

}

else

{

echo "ERROR:could not execute query";

}

$con->close();

?>
```

Srl.php

```
<?php
$source=$_POST['txt'];
$destination=$_POST['txt1'];
$con=new
mysqli("localhost","fisat","fisat","fisatdb");
if($con==false)
{
echo "Failed to connect";
}
else
{
echo "connected\n";
}
$sql="select * from airline where
source='$source' and dest='$destination'";
if($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 flight"; }
}
else
{ echo "\nError:could not connect"; }
$con->close();
?>
```

OUTPUT

AIRLINE INFORMATION SYSTEM

Add Flight Details
Search Flight

SEARCH FLIGHT

Enter source:

Enter destination:

Submit

Enter Airline Details

Flight Number:

Name:

Date:

dd/mm/yyyy

source:

destination:

Submit Reset

```
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)
```