FEDERAL INSTITUTE OF SCIENCE AND TECHNOLOGY (FISAT)™

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20MCA133 WEB PROGRAMMING LAB LABORATORY RECORD

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Branch: MASTER OF COMPUTER APPLICATIONS

Semester: 1 Batch: A Roll No: 10

MARCH 2022

FEDERAL INSTITUTE OF SCIENCE AND TECHNOLOGY (FISAT)™

HORMIS NAGAR, MOOKKANNOOR, ANGAMALY-683577



CERTIFICATE

This is to certify that this is a Bonafide record of the Practical work done by Akshay Balakrishnan (FIT21MCA12) in the 20MCA131 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

CONTENT

Sl No	Date of Experiment	Title of the Experiment	Page No:	Signature of Staff –In – Charge
1		Model a simple HTML file related to your native place to demonstrate the usage of different tags	1	
2		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	3	
3		minimum of 3 hyperlinks Create an application form for MCA course in	5	
4		FISAT. Create a HTML page with different types of	7	
4		frames such as floating frame, navigation frame & mixed frame.	/	
5		Analyze CSS by applying the different styles using inline, external & internal style sheets in a HTML file.	14	
6		Create a HTML registration form and to validate the form using JavaScript code	16	
7		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,toLower case,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)	18	
8		Create a HTML page to change the background color for every click of a button using JavaScript Event Handling	24	
9		Generate the calendar using JavaScript code by getting the year and month from the user.	26	
10		Compose Electricity bill from user input based on a given tariff using PHP.	28	
11		Build a PHP code to store the name of students in an array and display it using print_r function. Sort and Display the same using asort & arsort functions.	30	
12		Build a PHP code to store names of Indian Cricket players in an array and display the same in an HTML table.	31	
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.	33	
14		Using PHP and MySQL, develop a program to collect airline details and display all the airlines between a particular source and destination.	40	

AIM

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

```
<html>
<head>
<title>Native Place</title>
</head>
<body>
<div style = "background:#fbcdc3">
<h1 align="center" ><font color="Red">Kozhikode</font></h1>
<hr>
Kozhikode is a coastal city in the south Indian state of
Kerala. It was a significant spice trade center and is close to <a
href="https://en.wikipedia.org/wiki/Kappad">Kappad Beach </a>, where Portuguese
explorer Vasco da Gama landed in 1498. The central Kozhikode Beach,
overlooked by an old lighthouse, is a popular spot for watching the sunset. Inland,
tree-lined Mananchira Square, with its musical fountain, surrounds
the massive Mananchira Tank, an artificial pond. 
<marquee bgcolor="#c3d5fb" style="color:#ff5e52"><h1>Calicut, is an
Indian city and the second-largest metropolitan city in the State of
Kerala.</h1></marquee>
</div>
<div style = "background:#fbe9c3">
<img align = "left" height= "600" width="400"
src="https://upload.wikimedia.org/wikipedia/commons/thumb/6/6e/Kozhikode-district-ma
p-en.svg/2010px-Kozhikode-district-map-en.svg.png" alt="kozhikode"/>
<h2 align = "center">About</h2>
<hr>
Kozhikode, also known in English as Calicut, is
an Indian city and the second-largest metropolitan city in the State of Kerala. It is also
the 19th largest in the country with a population of two million according to the 2011
census. Kozhikode is classified as a Tier 2 city by the Government of India.
It is the largest city in the region known as Malabar and was the capital of the
Bitish-era <a href="https://en.wikipedia.org/wiki/Malabar Coast">Malabar district</a>.
```

finally the British. According to data compiled by economics research firm Indicus Analytics in 2009 on residences, earnings and investments, Kozhikode was ranked the second best city in India to live in

- <div style = "background:#c3d5fb">
- <h2>My Hometown</h2>
- <hr>
- <img height= "220"</p>
- width="400"

src="https://upload.wikimedia.org/wikipedia/commons/thumb/e/e9/Light house in Ponn ani.jpg/1024px-Light house in Ponnani.jpg" alt="payyoli" align="left"> Payyoli is a Municipality town on the Malabar Coast of Kozhikode district in the South Indian state of Kerala. Payyoli is famous for being the hometown of athlete PT Usha, who is nicknamed as the Payyoli Express. It is a town in Quilandy Taluk, Kozhikode District.

- <h2 align="center">Attractions</h2><hr>
- <div align="center">
-
- Akalappuzha backwater
- Ayanikkad Juma Masjid
- Thikkodi Driving Beach
- Kottakkal Juma Masjid
-
- </div>
- </div>
- </div>
- </body>
- </html>

OUTPUT

Kozhikode

Kothikode is a coastal city in the south Indian state of Kerala. It was a significant spice trade center and is close to Kappad Beach, where Portuguese explorer Vasco da Gama landed in 1490. The central Keehikode Beach overlooked by an old lighthouse, is a popular spot for watching the sunset. Inland, tree-lined Mananchira Square, with its musical fountain, surrounds the massive Mananchira Tank, an artificial pond.

Calicut, is an Indian city and the second-largest metropolitan city in the State of Kerala.



Kozhikode, also known in English as Calicut, is an Indian city and the second-largest metropolitan city in the State of Korala. It is also the 19th larg with a population of two million according to the 2011 census. Kozhikode is classified as a Tier 2 city by the Government of India

is the largest city in the region known as Malabar and was the capital of the British-era Malabar district. In artiquity and the medieval period, Koshikode wa the City of Spices for its role as the major mading point for Indian spices, It was the capital of an independent kingdom ruled by the Samouthiris. The port at R cited as the gateway to medieval South Indian cross for the Chinese, the Arabs, the Portuguese, the Dutch and finally the British. According to data compiled b consenies research firm Indian Analytics in 2009 on residences, comings and investments, Koshikode was nataked the second best city in India to live in

My Hometown



Payyoli is a Municipality town on the Malabar Coast of Kozhikode district in the South Indian stat Kerala. Payyoli is famous for being the hometown of athlete PT Usha, who is nicknamed as the Pay Express. It is a town in Quilandy Taluk, Kuzhikode District.

Attractions

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

```
<html>
<head>
<title>biodata</title>
</head>
<body>
<h1 align="center">BIODATA FORM</h1>
<div>
<img align="center" height="200" width="200"
src="https://cdn.iconscout.com/icon/free/png-256/face-1659511-1410033.png" >
Name
Akshay B
Address
Kizhakke Madayi House
Place
<a href="https://en.wikipedia.org/wiki/Vatakara"> Vadakara</a>
DOB
15/04/1999
Gender
Male
Mobile Number
9891xxxxxx
Email Id
akshaywork20@gmail.com
```

Qualification

Bachelor of Computer Application

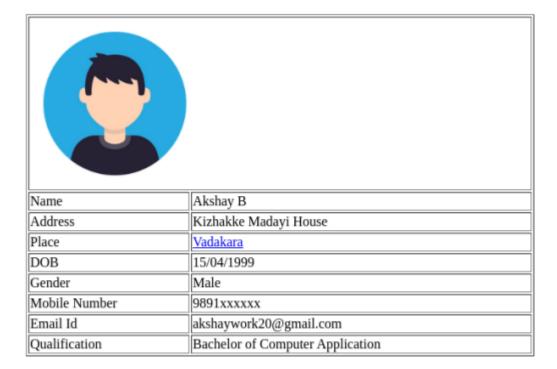
</div>

</body>

</html>

OUTPUT

BIODATA FORM



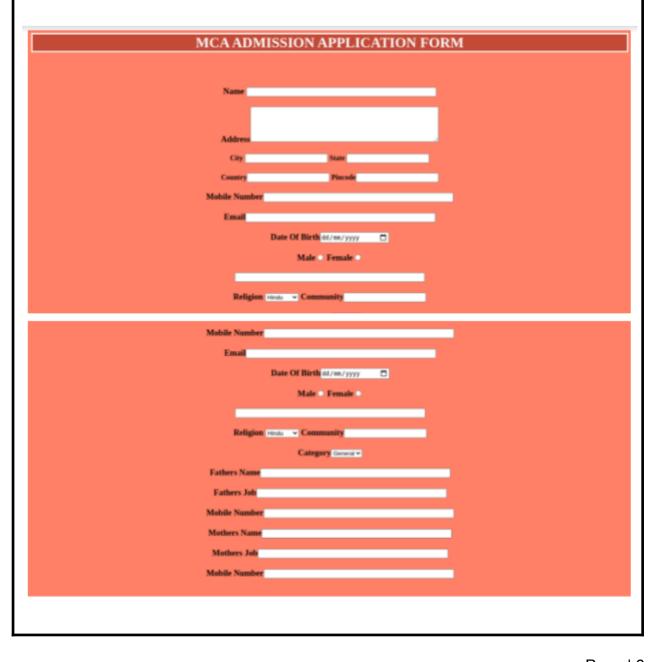
AIM

Create an application form for MCA course in FISAT.

```
<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>
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">
```

<pre><option> General</option></pre>
<pre><pre><pre><pre><pre><pre><pre><pre></pre></pre></pre></pre></pre></pre></pre></pre>
<pre><option>ST</option></pre>
<pre><option>OEC</option></pre>
<pre><option>OBC</option></pre>
<pre><option>Others</option></pre>
 >
Fathers Name <input name="name" size="50" type="text"/>
Fathers Job <input name="occupation" size="50"/>
Mobile Number <input "="" name="number" size="50"/>
Mothers Name <input name="name" size="50" type="text"/>
Mothers Job <input name="occupation" size="50"/>
Mobile Number <input name="number" size="50"/>

OUTPUT



AIM

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

PROGRAM CODE

MAIN.html

```
<html>
<head><title>navi</title></head>
<frameset rows="225,*">
<frame name="prg4" src="https://www.fisat.ac.in/">
<frame name="prg4" src="https://www.fisat.ac.in/">
<frame name="home" src="home.html">
</frameset>
</html>
<html>
<head><title>prg4</title></head>
<body bgcolor="Silver"><br>
<center><img height="100" width="100" src="logo.png"></center><h1 align="center">FISAT</h1>
</body>
</html>
```

MENU.html

```
<html>
<head>
<title>menu</title>
</head>
<body bgcolor='#cc5333'>

<a href="mca.html" target = "main">MCA</a>
<a href="mba.html" target = "main">MBA</a>
<a href="mba.html" target = "main">BTECH</a>
<a href="btech.html" target = "main">BTECH</a>
<a href="iframe.html" target = "main">Floating frame</a>

</body>
</html>
```

GALLARY.html

<html>

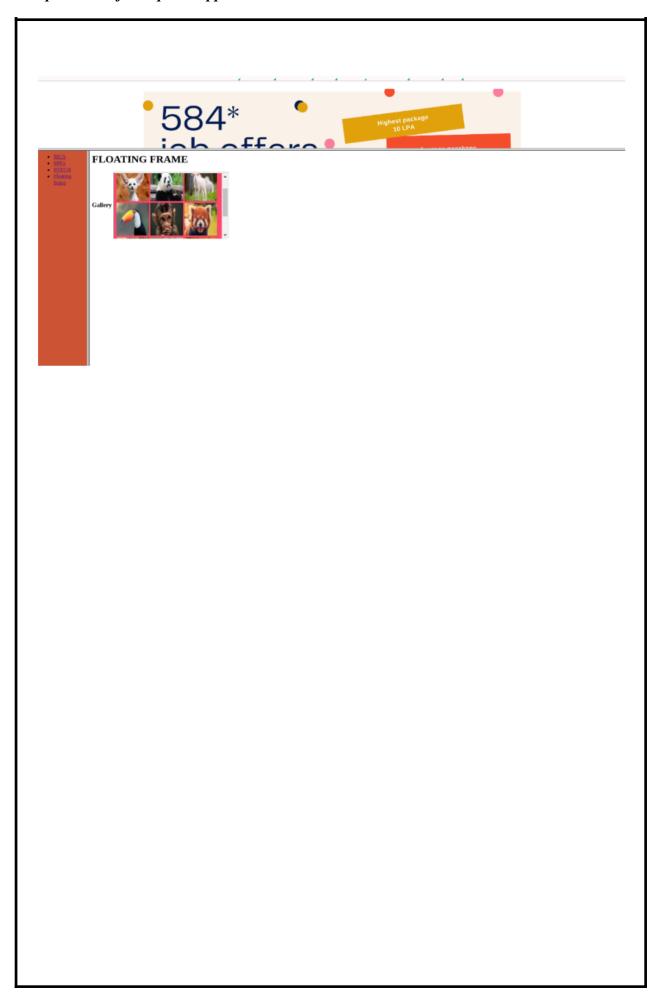
```
<img height="100" width="100"
src="https://i.natgeofe.com/k/75ac774d-e6c7-44fa-b787-d0e20742f797/giant-panda-eati
ng 16x9.jpg">
<img height="100" width="100"
src="https://aldf.org/wp-content/uploads/2018/05/lamb-iStock-665494268-16x9-e15597
77676675.jpg">
<img height="100" width="100"
src="https://encrypted-tbn0.gstatic.com/images?q=tbn:ANd9GcR0RSHkfrY1Y32ygwc8j
Zn7dGrhaU2IMWbBh0SNYR0 -O0sBetZquS-64ulL uMytFCQM&usqp=CAU">
<img height="100" width="100"
src="https://thumbor.forbes.com/thumbor/711x533/https://specials-images.forbesimg.co
m/imageserve/5faad4255239c9448d6c7bcd/Best-Animal-Photos-Contest--Close-Up-Of-
baby-monkey/960x0.jpg?fit=scale">
<img height="100" width="100"
src="https://images.ctfassets.net/cnu0m8re1exe/c175AfE5netP1i6bvd5tc/84a983d021f0
9be04717afa9374b4473/red_panda_lead.jpg?fm=jpg&fl=progressive&w=660&h=433&fi
t=fill">
<img height="100" width="100"
src="https://encrypted-tbn0.gstatic.com/images?q=tbn:ANd9GcRlIAJelOgwRkZmg7muy
4RD-oVv1zu8nfblyA&usqp=CAU">
<img height="100" width="100"
src="https://files.worldwildlife.org/wwfcmsprod/images/A Pangolin hunting for ants./st
ory full width/4fcx4mrl0e shutterstock 380478340.jpg">
<img height="100" width="100"
src="https://aldf.org/wp-content/uploads/2021/10/GettyImages-141467674-crop.jpg">
</body>
</html>
BTECH.html
<html>
<head><title>btech</title></head>
<body bgcolor='#4e54c8'>>
<h1>
BTECH</h1>
<h2 align="center">Application Form<hr></h2>
Name:<br>
<input type="text" size="50"><br>
```

```
Address:<br>
<textarea type="mytextarea" rows="3" cols="50"></textarea><br>
City:<br><br>
<input type="text" size="50" ><br>
State:<br><br>
<input type="text" size="50" ><br>
Country:<br>
<input type="text" size="50" ><br>
Pin Code:<br>
<input type="number" size="100" ><br>
Mobile :<br>
<input type="number" size="50" ><br>
Date of Birth :<br>
<input type="date" size="50" ><br>
Email id :<br><br>
Gender :<br>
male<input type="radio" value="m" name="gender" >
female<input type="radio" value="f" name="gender" >
<br><br>
<center><input type="button" value="Submit"></center>
</body>
</html>
MBA.html
<html>
<head><title>mba</title></head>
<body bgcolor='#8f94fb'>>
<h1>
MBA</h1>
```

```
<h2 align="center">Application Form<hr></h2>
Name:<br>
<input type="text" size="50"><br>
Address:<br>
<textarea type="mytextarea" rows="3" cols="50"></textarea><br>
City:<br><br>
<input type="text" size="50" ><br>
State:<br><br>
<input type="text" size="50" ><br>
Country:<br>
<input type="text" size="50" ><br>
Pin Code:<br>
<input type="number" size="100" ><br>
Mobile :<br>
<input type="number" size="50" ><br>
Date of Birth :<br>
<input type="date" size="50" ><br>
Email id :<br>
<input type="email" size="50" ><br>
Gender :<br>
male<input type="radio" value="m" name="gender" >
female<input type="radio" value="f" name="gender" >
<br><br>
<center><input type="button" value="Submit"></center>
</body>
</html>
```

```
MCA.html
<html>
<head><title>mca</title></head>
<body bgcolor='#6A82FB'>
<h1>
MCA</h1>
<h2 align="center">Application Form<hr></h2>
Name:<br>
<input type="text" size="50"><br>
Address:<br>
<textarea type="mytextarea" rows="3" cols="50"></textarea><br>
City:<br><br>
<input type="text" size="50" ><br>
Pin Code:<br>
<input type="number" size="100" ><br>
Mobile :<br>
<input type="number" size="50" ><br>
Date of Birth :<br>
<input type="date" size="50" ><br>
Email id :<br><br>
<input type="email" size="50" ><br>
Gender :<br>
male<input type="radio" value="m" name="gender" >
female<input type="radio" value="f" name="gender" >
<br><br>
<center><input type="button" value="Submit"></center>
</body>
</html>
```





AIM

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

```
<html>
<head>
<title>css</title>
<link rel="stylesheet" type="text/css" href="style.css">
<style>
body{
background-color:#ffc0cb;
h2
{ color:#0575E6;
</style>
</head>
<body>
<center>
<h1 style="color:#fc4a1a">Famous Quotes</h1>
<br>
<hr align="center" >
<h2> The greatest glory in living lies not in never falling, but in rising every time we fall.
-Nelson Mandela</h2>
<center>
Nelson Mandela was a South African anti-apartheid revolutionary, political leader
and philanthropist who served as the first president of South Africa from 1994 to 1999.
He was the country's first black head of state and the first elected in a fully
representative democratic election. His government focused on dismantling the legacy
of apartheid by tackling institutionalised racism and fostering racial reconciliation.
Ideologically an African nationalist and socialist, he served as the president of the
African National Congress (ANC) party from 1991 to 1997.
<center><img
src="https://static01.nyt.com/images/2018/07/08/sunday-review/08Mandela-Images-s
lide-3GG5/08Mandela-Images-slide-3GG5-superJumbo-v2.jpg" height="250"
width="350"></center>
</body>
</html>
```

OUTPUT

Famous Quotes

The greatest glory in living lies not in never falling, but in rising every time we fall. -Nelson Mandela

Nelson Roliblabla Mandela was a South African anti-apartheid revolutionary, political loader and philarnhropist who served as the first president of South Africa from 1994 to 1999. He was the country's first black head of state and the first elected in a fully representative democratic election. His government focused on dismantling the legacy of apartheid by tackling institutionalised racism and fostering racial reconciliation. Ideologically an African nationalist and socialist, he served as the president of the African National Congress (ANC) party from 1991 to 1997.



AIM

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

```
<!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 y = document.forms["myForm"]["adname"].value;
if (y == "") {
alert("Address 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>
<form name="myForm" action="/action page post.php"
onsubmit="return validateForm()" method="post">
Name: <input type="text" name="fname"><br><br><
Address:<input type="text" name="adname"><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></ri>
<input type="submit" value="Submit">
</form>
</body>
</html>
```

	OUTPUT
JS Form	
Name:	
Address:	
DOB: dd/mm/yyyy	
Gender: OMale OFemale	
Submit	
JS Form	This page says Name must be filled out
Name: Address:	ОК
DOB: dd/mm/yyyy Gender: OMale OFemale	
Submit	

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, to Uppercase, to Lowercase, concat, trim, charAt, con vert string to array, indexof, search, includes) (Math Functions-round, ceil, floor, trunc, sign, pow, sqrt, abs, sin, cos, min, max, random, log)

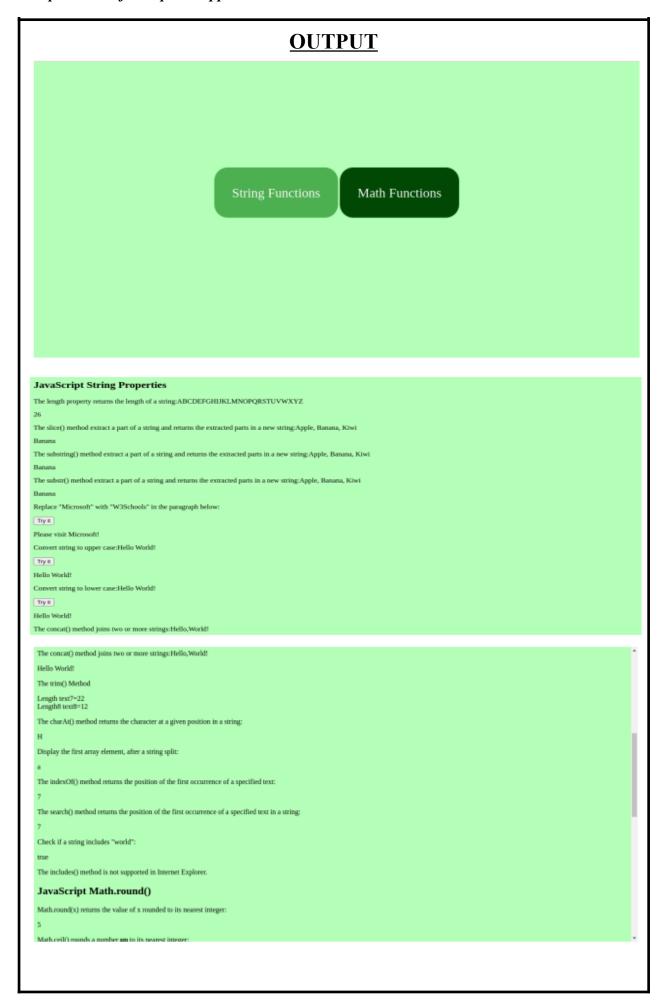
```
Index.html
<html>
<head>
<title>Home</title>
<style>
body{
background-color: #b4ffb7;
.button{
padding: 270px;
text-align: center;
}
.one{
font-size: 30px;
padding: 40px;
border-radius: 30px;
background-color: #4CAF50;
border: none;
color: white;
text-align: center;
a:hover {
background-color: #004803;
.two{
font-size: 30px;
padding: 40px;
border-radius: 30px;
background-color: #4CAF50;
border: none;
color: white;
text-align: center;
```

```
</head>
<body>
<div class="button">
<a class="one" href="./string.html">String Functions</a>
<a class="two" href="./math.html">Math Functions</a>
</div>
</body>
</html>
string&math.html
<html>
<head>
<title>String</title>
<style>
body{
background-color: #b4ffb7;
</style>
</head>
<body>
<body>
<h2>JavaScript String Properties</h2>
The length property returns the length of a string:ABCDEFGHIJKLMNOPQRSTUVWXYZ
<script>
let text = "ABCDEFGHIJKLMNOPQRSTUVWXYZ";
document.getElementById("demo").innerHTML = text.length;
</script>
The slice() method extract a part of a string
and returns the extracted parts in a new string: Apple, Banana, Kiwi
<script>
let str = "Apple, Banana, Kiwi";
document.getElementById("de").innerHTML = str.slice(7,13);
</script>
The substring() method extract a part of a string and returns the extracted parts in a new
string:Apple,
Banana, Kiwi
<script>
let str1 = "Apple, Banana, Kiwi";
document.getElementById("dem").innerHTML = str1.substring(7,13);
</script>
The substr() method extract a part of a string and returns the extracted parts in a new
string:Apple,
Banana, Kiwi
```

```
<script>
let str2 = "Apple, Banana, Kiwi";
document.getElementById("demo1").innerHTML = str2.substr(7,6);
Replace "Microsoft" with "W3Schools" in the paragraph below:
<button onclick="myFunction1()">Try it</button>
Please visit Microsoft!
<script>
function myFunction1() {
let text1 = document.getElementById("demo2").innerHTML;
document.getElementById("demo2").innerHTML =
text1.replace("Microsoft","W3Schools");
</script>
p>Convert string to upper case:Hello World!
<button onclick="myFunction2()">Try it</button>
Hello World!
<script>
function myFunction2() {
let text2 = document.getElementById("demo3").innerHTML;
document.getElementById("demo3").innerHTML =
text2.toUpperCase();
</script>
Convert string to lowercase:Hello World!
<button onclick="myFunction3()">Try it</button>
Hello World!
<script>
function myFunction3() {
let text3 = document.getElementById("demo4").innerHTML;
document.getElementById("demo4").innerHTML =
text3.toLowerCase();
}
</script>
The concat() method joins two or more strings:Hello,World!
<script>
let text4 = "Hello";
let text5 = "World!";
let text6 = text4.concat(" ",text5);
document.getElementById("demo5").innerHTML = text6;
</script>
The trim() Method
<script>
let text7 = " Hello World! ";
let text8 = text7.trim();
```

```
Display the first array element, after a string split:
<script>
let text10 = "a,b,c,d,e,f";
const myArray = text10.split(",");
document.getElementById("demo8").innerHTML = myArray[0];
</script>
The indexOf() method returns the position of the first occurrence of a specified text:
<script>
let str3 = "Please locate where 'locate' occurs!";
document.getElementById("demo9").innerHTML = str3.indexOf("locate");
</script>
The search() method returns the position of the first occurrence of a specified text in a
string:
<script>
let str4 = "Please locate where 'locate' occurs!";
document.getElementById("demo10").innerHTML = str4.search("locate");
</script>
Check if a string includes "world":
The includes() method is not supported in Internet Explorer.
<script>
let text11 = "Hello world, welcome to the universe.";
document.getElementById("demo11").innerHTML = text11.includes("world");
</script>
<h2>JavaScript Math.round()</h2>
Math.round(x) returns the value of x rounded to its nearest integer:
<script>
document.getElementById("demo12").innerHTML = Math.round(4.5);
</script>
Math.ceil() rounds a number <strong>up</strong> to its nearest integer:
<script>
document.getElementById("demo13").innerHTML = Math.ceil(4.4);
</script>
Math.floor(x) returns the value of x rounded <strong>down</strong> to its nearest
integer:
<script>
document.getElementById("demo14").innerHTML = Math.floor(4.7);
</script>
Math.trunc(x) returns the integer part of x:
<script>
document.getElementById("demo15").innerHTML = Math.trunc(4.7);
```

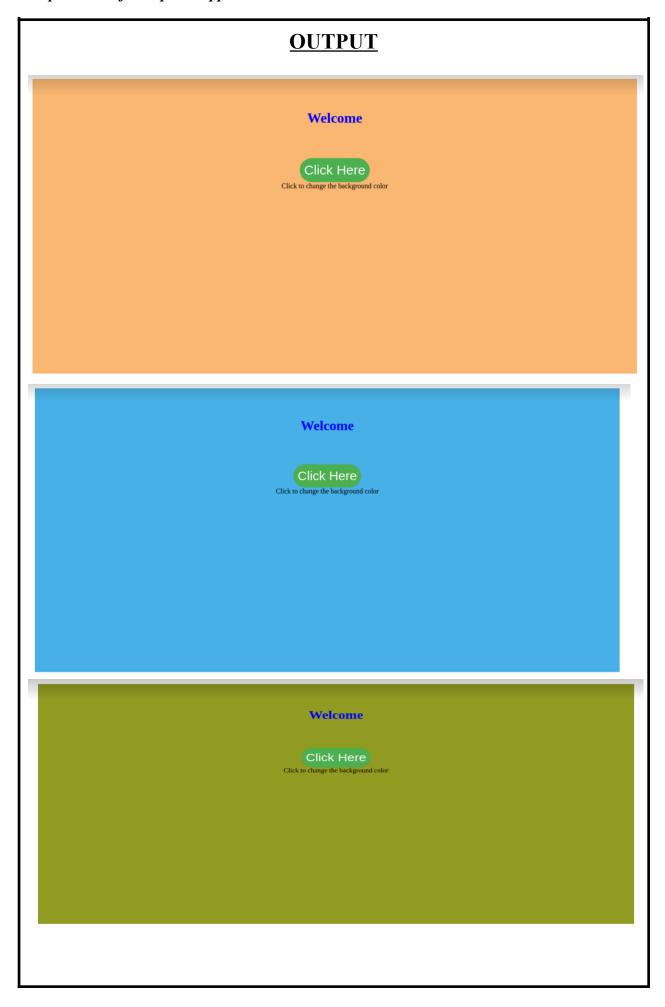
```
</script>
Math.sign(x) returns if x is negative, null or positive:
<script>
document.getElementById("demo16").innerHTML = Math.sign(4);
</script>
Math.pow(x,y) returns the value of x to the power of y:
<script>
document.getElementById("demo17").innerHTML = Math.pow(8,2);
</script>
Math.sqrt(x) returns the square root of x:
<script>
document.getElementById("demo18").innerHTML = Math.sqrt(64);
</script>
Math.abs(x) returns the absolute (positive) value of x:
<script>
document.getElementById("demo19").innerHTML = Math.abs(-4.4);
</script>
Math.sin(x) returns the sin of x (given in radians):
Angle in radians = (angle in degrees) * PI / 180.
<script>
document.getElementById("demo20").innerHTML =
"The sine value of 90 degrees is " + Math.sin(90 * Math.PI / 180);
</script>
Math.cos(x) returns the cosine of x (given in radians):
Angle in radians = (angle in degrees) * PI / 180.
<script>
document.getElementById("demo21").innerHTML =
"The cosine value of 0 degrees is " + Math.cos(0 * Math.PI / 180);
</script>
Math.min() returns the lowest value in a list of arguments:
<script>
document.getElementById("demo22").innerHTML =
Math.min(0, 150, 30, 20, -8, -200);
</script>
Math.max() returns the highest value in a list of arguments.
<script>
document.getElementById("demo23").innerHTML =
Math.max(0, 150, 30, 20, -8, -200);
</script>
```



AIM

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

```
<!DOCTYPE HTML>
<html>
<head>
<title>
changing the background color
</title>
</head>
<body style = "text-align:center;">
<h1 style = "color:blue; padding:50px" >
Welcome
</h1>
<button type="button" id="color-button" onclick="changeBg()"
style = "font-size: 30px;
padding: 10px;
border-radius: 30px;
background-color: #4CAF50;
border: none;
color: white;
text-align: center;">Click Here </button>
<br>
<script>
document.writeln( "Click to change the background color"); const pageBody =
document.querySelector("body");
function changeBg()
let color = '#'+(Math.random()*0xFFFFFF<<0).toString(16);</pre>
pageBody.style.background = color;
</script>
</body>
```



AIM

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

```
<!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 =
'MONTUEWEDTHUFRISAT</
h>SUN';
for (let i = 0; i < getDay(d); i++) {
table += '*';
while (d.getMonth() == mon) {
table += '' + d.getDate() + '';
if (getDay(d) \% 7 == 6) {
table += '';
d.setDate(d.getDate() + 1);
if (getDay(d) != 0) {
for (let i = getDay(d); i < 7; i++) {
table += '*';
table += '';
document.getElementById("calendar").innerHTML = table;
createCalendar(calendar, year, month);
</script>
</body>
</html>
```

OUTPUT

CALENDAR

Enter The year: 2010

Enter The Month: 5

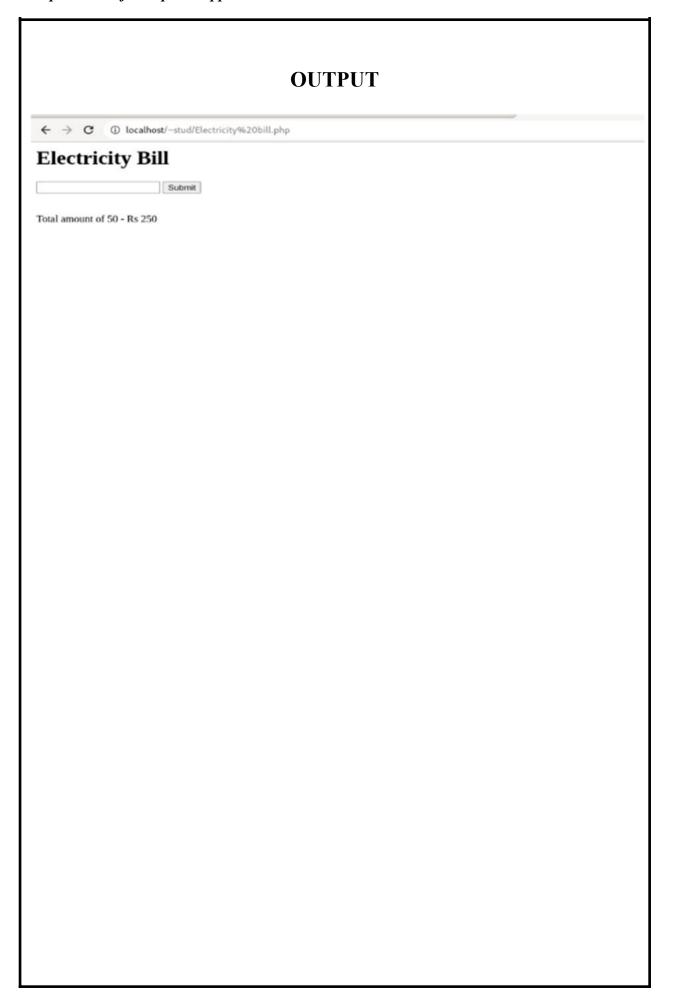
Click here

Ollok Here						
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
31	*	*	*	*	*	*

AIM

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

```
<head>
<title>Electricity Bill</title>
</head>
<?php
$result_str =";
if (isset($ POST['unit-submit'])) {
$units = $ POST['units'];
if (!empty($units)) {
$result str = 'Total amount of' . $units . ' - Rs' . $units*5;
?>
<body>
<h1>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>
<?php echo '<br />' . $result str; ?>
</body>
</html>
```



AIM

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
$student=array("abc","efg","hij","klm");
echo "Student's list";
echo "<br/>
print_r($student);
echo "<br/>
echo "Sorted student list";
echo "<br/>
echo "<br/>
";
echo "Reverse of sorted student list";
echo "<br/>
echo "<br/>
";
arsort($student);
print_r($student);
?>
```

OUTPUT

```
Student's list
Array ( [0] => abc [1] => efg [2] => hij [3] => klm )
Sorted student list
Array ( [0] => abc [1] => efg [2] => hij [3] => klm )
Reverse of sorted student list
Array ( [3] => klm [2] => hij [1] => efg [0] => abc )
```

<u>AIM</u>

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

<html></html>
<body></body>
php</td
\$Indcricketers= array("Virat Kohli", "M S Dhoni", "Rohit Sharma"); echo "Indian Cricketers: " . \$Indcricketers[0] . ", " . \$Indcricketers[1] ." and" . \$Indcricketers[2] . "."; echo " <h3>INDIAN CRICKETERS</h3>
NO
NAMES
1
Virat Kohli
2
M S Dhoni
3
Rohit Sharma
";
?>

OUTPUT

Indian Cricketers: Virat Kohli, M S Dhoni and Rohit Sharma.

INDIAN CRICKETERS

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

AIM

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<br

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>
br>

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

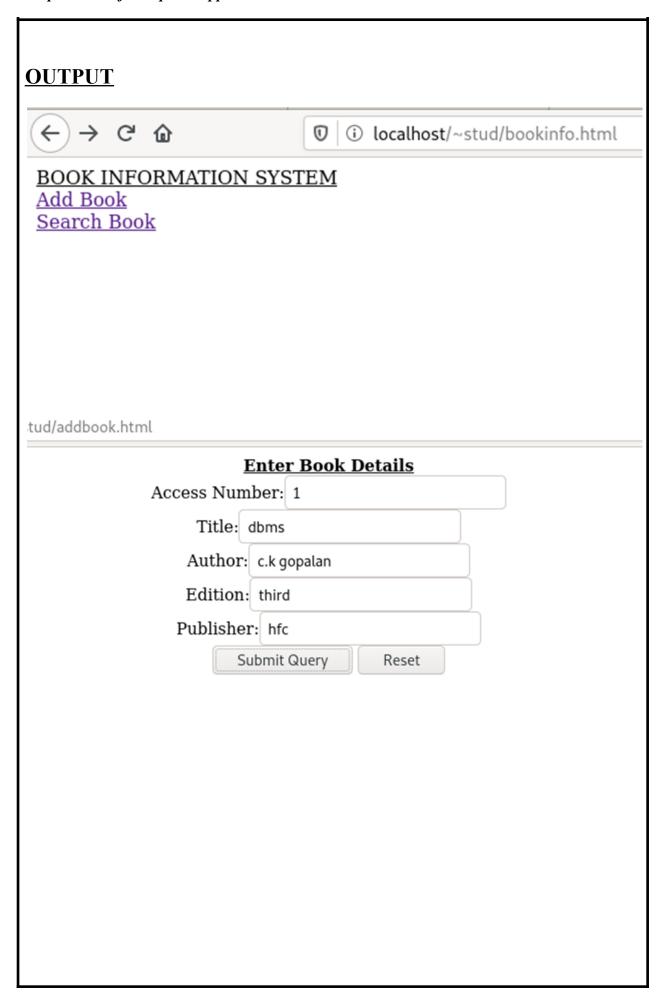
Title:<input type="text" name="tit">

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


```
Edition:<input type="text" name="edi"><br>
Publisher:<input type="text" name="pub"><br>
<input type="submit" name="Submit">
<input type="reset" name="Reset">
</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";
$sql="INSERT INTO book2 VALUES($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>
<head>
<title>search</title>
</head>
<body>
<form name="frm2" action="searchl.php"</pre>
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
$title=$ 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();
?>
```





stud@debian:~\$ mysql -u fisat -p

Enter password:

Welcome to the MariaDB monitor. Commands end with ; or \gray{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

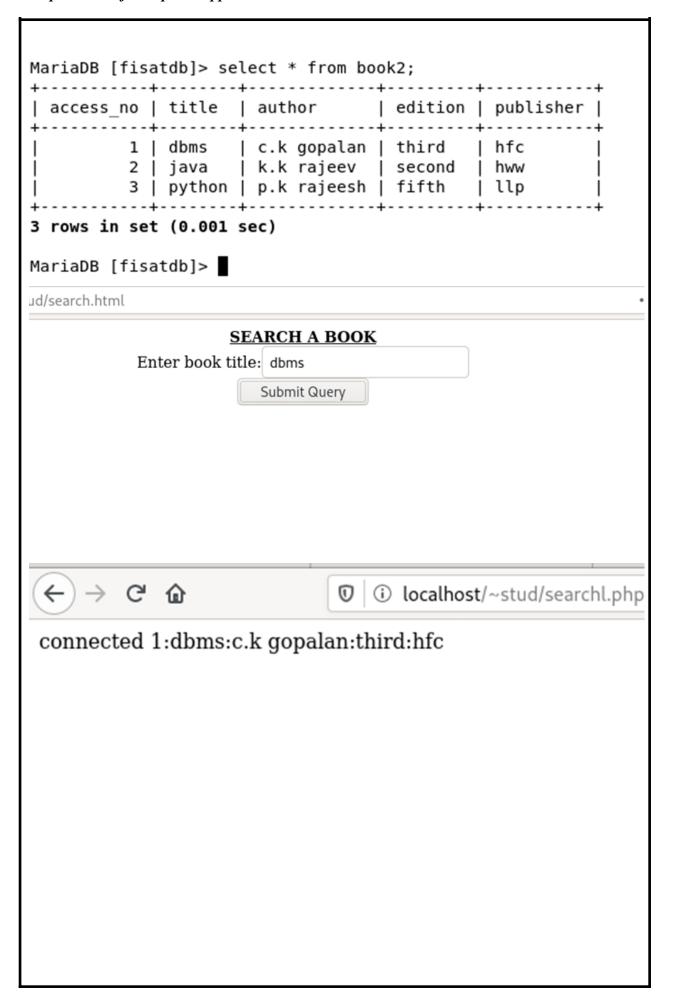
MariaDB [fisatdb]> create table book2(access_no int(10),title varchar(20),author varchar(20),edition varchar(20),publisher varchar(20));

Query OK, 0 rows affected (0.120 sec)

MariaDB [fisatdb]> desc book2;

Field	Type	Null Ke	y Default Extr	a
access_no title author	int(10) varchar(20 varchar(20	, ,	NULL NULL NULL	
edition publisher	varchar(20) YES	NULL	ļ

5 rows in set (0.002 sec)



EXPERIMENT 14

AIM

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

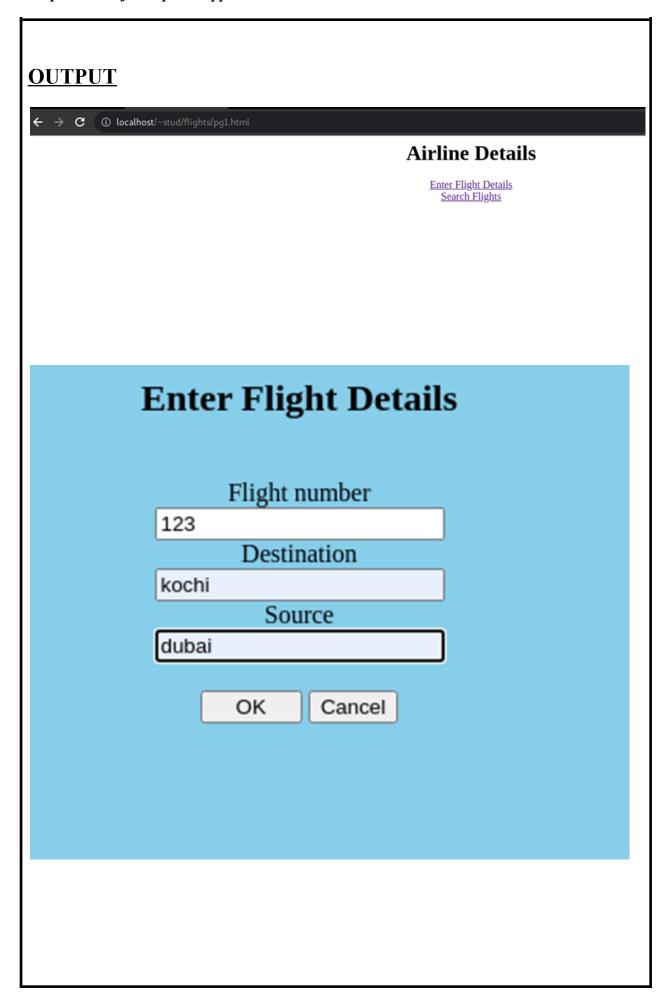
PROGRAM CODE

```
prgrm.html
<html>
<head>
</head>
<body><center>
<h1>Airline Details</h1>
<a href = "fli.html">Enter Flight Details</a><br>
<a href = "srch.html">Search Flights</a><br></center>
</body>
</html>
fli.html
<html>
<head>
<title>
</title>
<body bgcolor="skyblue">
      <center><h2>Enter Flight Details</h2>
      <form name="nme" action="flight.php" method="POST"><br>
      Flight number < br > < input type = "number" name = "fn" > < br >
      Destination <br/> <input type ="text" name="des" > <br/> br>
```

```
<input type="reset" value="Cancel">
      </center>
</body>
</html>
srch.html
<html>
<head>
</head>
<body><center>
<h2>Enter Flight Details</h2>
<form name="qwe" action = "srch.php" method="POST"><br>
      Destination <br/> <input type ="text" name="des" > <br/> br>
      Source<br/>br><input type ="text" name="src"><br><br>
      <input type="submit" value=" OK ">
</center></body>
flight.php
<?php
$fn=$ POST['fn'];
$des=$ POST['des'];
$src=$_POST['src'];
$con=new
mysqli("localhost","fisat","fisatt","fisatdb");
```

```
if($con==false)
{ echo "Failed to connect";}
else
{echo "Connected";}
$sql= "INSERT INTO flight VALUES ('$fn','$des','$src')";
if($con->query($sql))
      echo"<BR>";
      echo'New Row Added';
else
      echo "ERROR:could not execute Query";
$con->close();
?>
srch.php
<?php
$des=$ POST['des'];
$src=$ POST['src'];
$con=new
mysqli("localhost","fisat","fisat","fisatdb");
if($con==false)
echo "Failed to connect";
else
echo "Connected\n";
```

```
$sql="select * from flight where Destination='$des' and source='$src' ";
if($result=$con->query($sql))
      if($result->num rows>0)
while($row=$result->fetch array())
echo"\n The flight number is :\n";
echo"\n".$row[0]."\n";}
$result->close();
}else
{ echo "\nCould not found the flight"; }
else
{ echo "\nError:could not connect"; }
$con->close();
?>
```



Enter Flight Details



← → C (i) localhost/~stud/flights/srch.php

Connected The flight number is : 112

