FEDERAL INSTITUTE OF SCIENCE AND TECHNOLOGY (FISAT)™

HORMIS NAGAR, MOOKKANNOOR

ANGAMALY-683577

'FOCUS ON EXCELLENCE'

LABORATORY RECORD

20MCA133 - WEB PROGRAMMING LAB

Name: **BIVINA M V**

Branch: **MASTER OF COMPUTER APPLICATION**

Semester: **1** **Batch: 2021 A** **Roll No: 45**

FEDERAL INSTITUTE OF SCIENCE AND TECHNOLOGY (FISAT)™

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'FOCUS ON EXCELLENCE'

CERTIFICATE

Certified that this is the Bonafide record of the Practical work done by Ms. **BIVINA M V(FIT21MCA-2045)** in the **20MCA133-WEB PROGRAMMING** Laboratory of the Federal Institute of Science and Technology during the academic year 2021-2022.

Signature of Staff in Charge

Name:

Date:

Signature of H.O.D

Name:

Date of University practical examination ……

Signature of

Internal Examiner

Signature of

External Examiner

CONTENT

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		
12		.Build a PHP code to store name of Indian Cricket players in an array and display the same in HTML table.		
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		
14		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

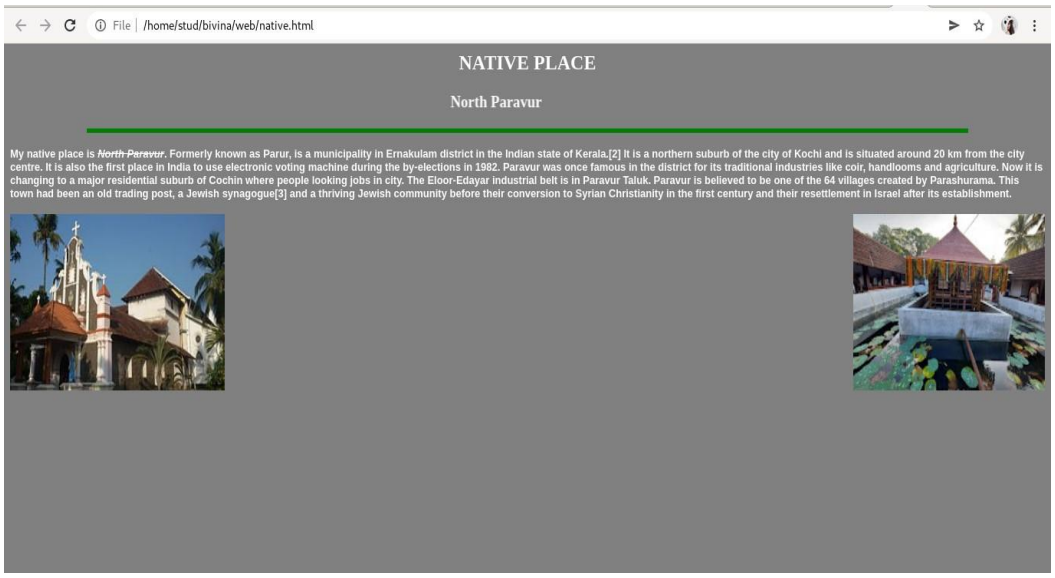
AIM

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

PROGRAM CODE

```
<html>
<head>
<title>Native Place</title>
</head>
<body size="100" bgcolor="grey" text="white">
<h2><center><b>NATIVE PLACE</b></center></h2>
<h3><b><marquee>North Paravur</marquee></b></h3>
<hr align="center" size="5" width="85%"color="green">
<p><b><font size="2" face="arial" weight="200" color="white">My native place is
<strong><em><s>North Paravur</s></em></strong>.
Formerly known as Parur, is a municipality in Ernakulam district in the Indian state of
Kerala.[2] It is a northern suburb of the city of Kochi and is situated around 20 km from the
city centre. It is also the first place in India to use electronic voting machine during the
byelections in 1982.
Paravur was once famous in the district for its traditional industries like coir, handlooms and
agriculture. Now it is changing to a major residential suburb of Cochin where people looking
jobs in city. The Eloor-Edayar industrial belt is in Paravur Taluk.
Paravur is believed to be one of the 64 villages created by Parashurama. This town had been
an old trading post, a Jewish synagogue[3] and a thriving Jewish community before their
conversion to Syrian Christianity in the first century and their resettlement in Israel after its
establishment. </b>
</p>
<img src="parur.jpg" height="200" width="280" align="left">
<img src="parur1.jpeg" height="200" width="250" align="right">
</body>
</html>
```

OUTPUT


File | /home/stud/bivina/web/native.html
NATIVE PLACE
North Paravur
My native place is ~~North Paravur~~. Formerly known as Parur, is a municipality in Ernakulam district in the Indian state of Kerala.[2] It is a northern suburb of the city of Kochi and is situated around 20 km from the city centre. It is also the first place in India to use electronic voting machine during the by-elections in 1982. Paravur was once famous in the district for its traditional industries like coir, handlooms and agriculture. Now it is changing to a major residential suburb of Cochin where people looking jobs in city. The Eloor-Edayar industrial belt is in Paravur Taluk. Paravur is believed to be one of the 64 villages created by Parashurama. This town had been an old trading post, a Jewish synagogue[3] and a thriving Jewish community before their conversion to Syrian Christianity in the first century and their resettlement in Israel after its establishment.

EXPERIMENT NO.-2

AIM

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

PROGRAM CODE

biodata.html

```
<html>
<head>
<title>Biodata</title>
</head>
<h1><center>BIO DATA</center></h1>
<hr align="center" size="3" width="85%">
<p>
<table align="center">
<tr>
<td>NAME</td><td>:Bivina M V<br><br></td>
</tr>
<tr>
<td>DOB</td><td>:22-09-1998<br><br></td>
</tr>
<tr>
<td>FATHER'S NAME</td><td>:Vinod<br><br></td>
</tr>
<tr>
<td>MOTHER'S NAME</td><td>:Baby Vinod<br><br></td>
</tr>
<tr>
<td>MARITAL STATUS</td><td>:Single<br><br></td>
```

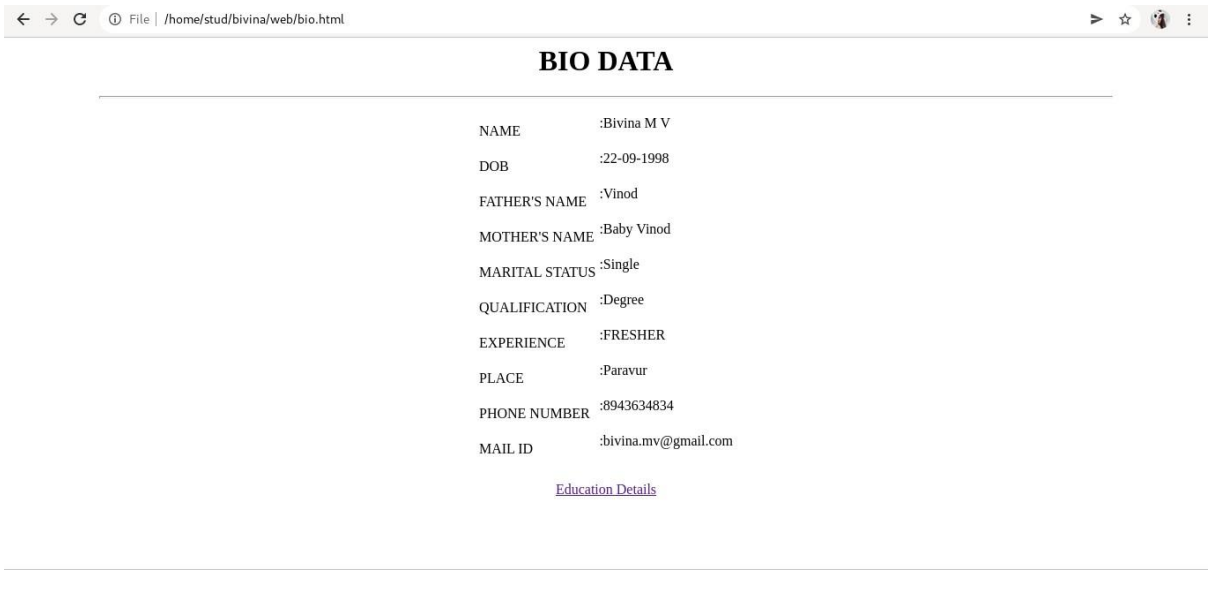
```
</tr>
<tr>
<td>QUALIFICATION</td><td>:Degree<br><br></td>
</tr>
<tr>
<td>EXPERIENCE </td><td>:FRESHER<br><br></td>
</tr>
<tr>
<td>PLACE        </td> <td>:Paravur<br><br></td>
</tr>
<tr>
<td>PHONE NUMBER    </td> <td>:8943634834<br><br></td>
</tr>
<tr>
<td>MAIL ID      </td> <td>:bivina.mv@gmail.com<br><br></td>
</tr>
</table>
</p>
<a href="biodata1.html"><center>Education Details</center></a>
</body>
</html>
```

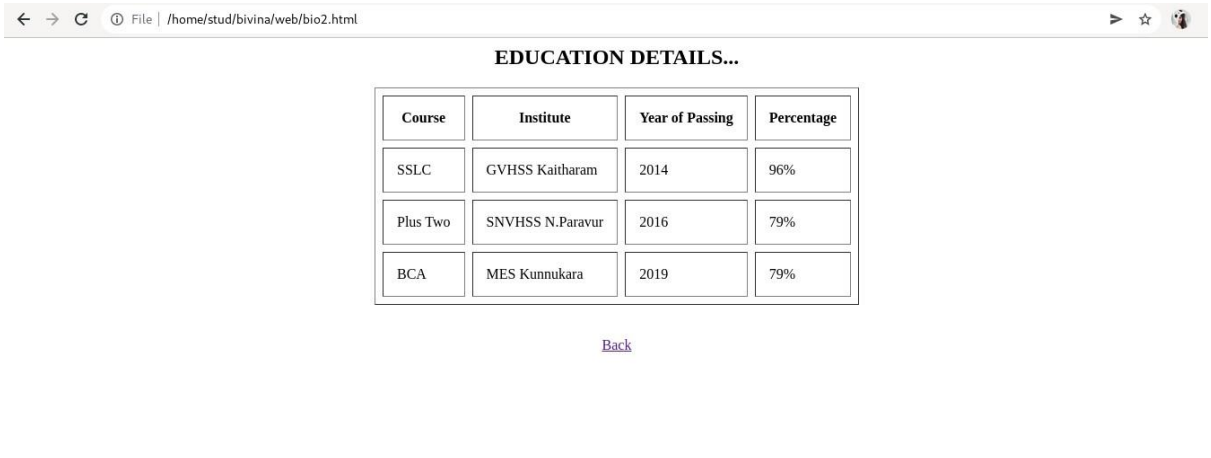
biodata1.html

```
<html>
<head>
<title>Education</title>
</head>
<body>
<center><h2>EDUCATION DETAILS...</h2>
<table cellspacing="8" cellpadding="15" border="1">
<tr>
<th>Course</th>
```

```
<th>Institute</th>
<th>Year of Passing</th>
<th>Percentage</th>
</tr>
<tr>
<td>SSLC</td>
<td>GVHSS Kaitharam</td>
<td>2014</td>
<td>96%</td>
</tr>
<tr>
<td>Plus Two</td>
<td>SNVHSS N.Paravur</td>
<td>2016</td>
<td>79%</td>
</tr>
<tr>
<td>BCA</td>
<td>MES Kunnukara</td>
<td>2019</td>
<td>79%</td>
</tr>
</table>
<br>
<br>
<a href="biodata.html"><center>Back</center></a>
</body>
</html>
```

OUTPUT


File | /home/stud/bivina/web/bio.html
BIO DATA
NAME :Bivina M V
DOB :22-09-1998
FATHER'S NAME :Vinod
MOTHER'S NAME :Baby Vinod
MARITAL STATUS :Single
QUALIFICATION :Degree
EXPERIENCE :FRESHER
PLACE :Paravur
PHONE NUMBER :8943634834
MAIL ID :bivina.mv@gmail.com
Education Details


File | /home/stud/bivina/web/bio2.html
EDUCATION DETAILS...
Course
Institute
Year of Passing
Percentage
SSLC
GVHSS Kaitharam
2014
96%
Plus Two
SNVHSS N.Paravur
2016
79%
BCA
MES Kunnukara
2019
79%
Back

EXPERIMENT NO.-3

AIM

Create an application form for MCA course in FISAT.

PROGRAM CODE

```
<html>
<head>
<title>mca application</title>
</head>
<body align="center" font color="White">
<h2><font color="red”>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>
```

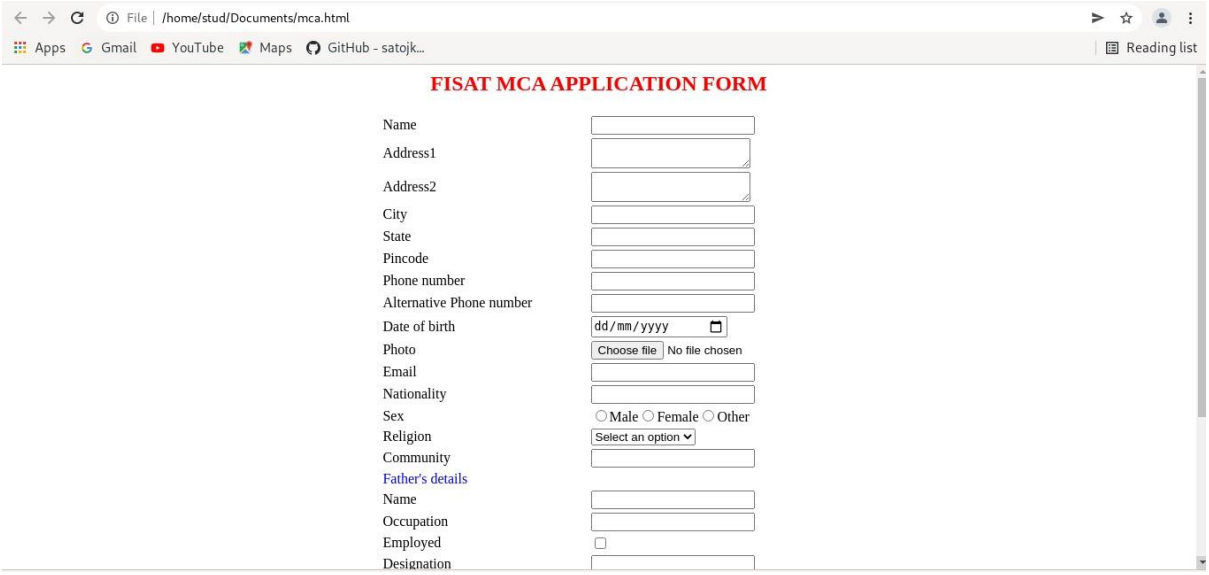
```
<td>State</td>
<td><input type="textfield"></td>
</tr>
<tr>
<td>Pincode</td>
<td><input type="textfield"></td>
</tr>
<tr>
<td>Phone number</td>
<td><input type="textfield"></td>
</tr>
<tr>
<td>Alternative Phone number</td>
<td><input type="textfield"></td>
</tr>
<tr>
<td>Date of birth</td>
<td><input 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 NO.-4

AIM

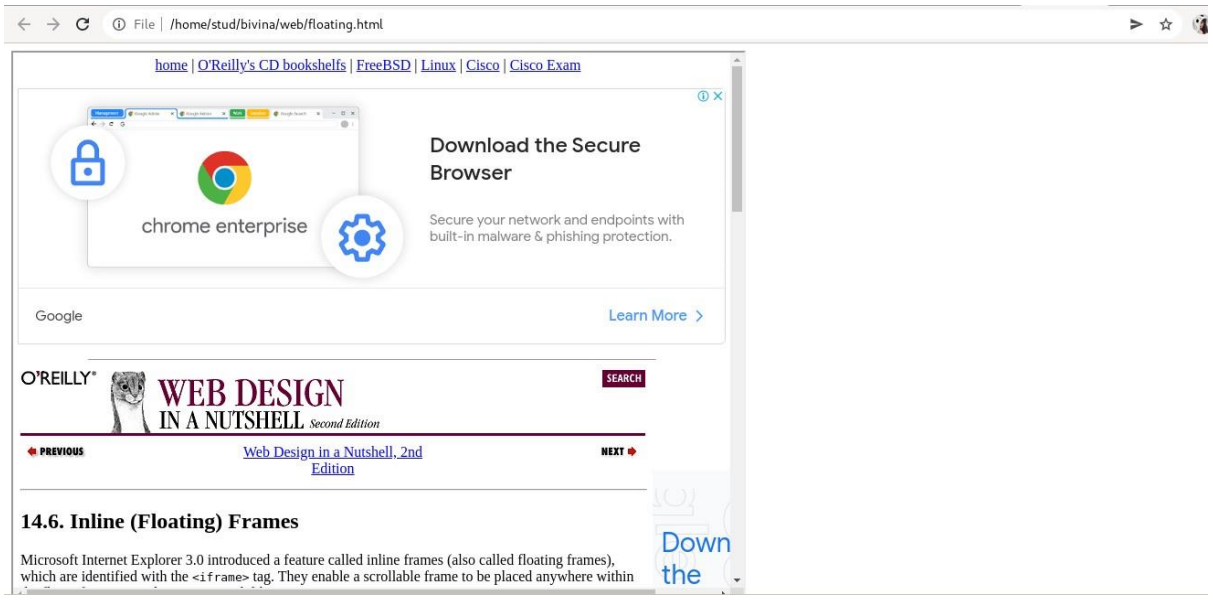
Create a HTML page with different types of frames such as floating frame, navigation frame & mixed frame.

PROGRAM CODE

FLOATING FRAME

```
<!DOCTYPE html>
<html>
<head>
<title>floating</title>
</head>
<body>
<iframe src="https://docstore.mik.ua/orelly/web2/wdesign/ch14_06.htm" width="800" height="600">
</iframe>
</body>
</html>
```

OUTPUT



NAVIGATION FRAME

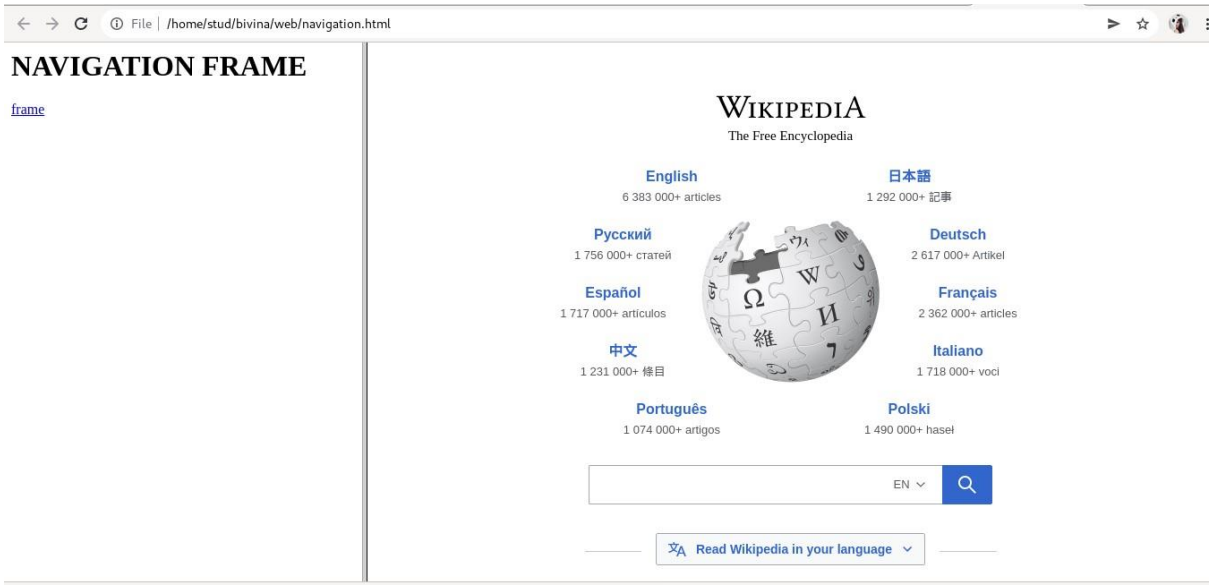
navigation.html

```
<html>
<head>
<title>navigation</title>
</head>
<frameset cols="400,*">
<frame src="nav.html" name="showframe">
<frame name="showframe2">
</frameset>
</html>
```

nav.html

```
<html>
<h1>NAVIGATION FRAME</h1>
<a href = "http://www.wikipedia.org" target="showframe2">frame</a> </html>
```

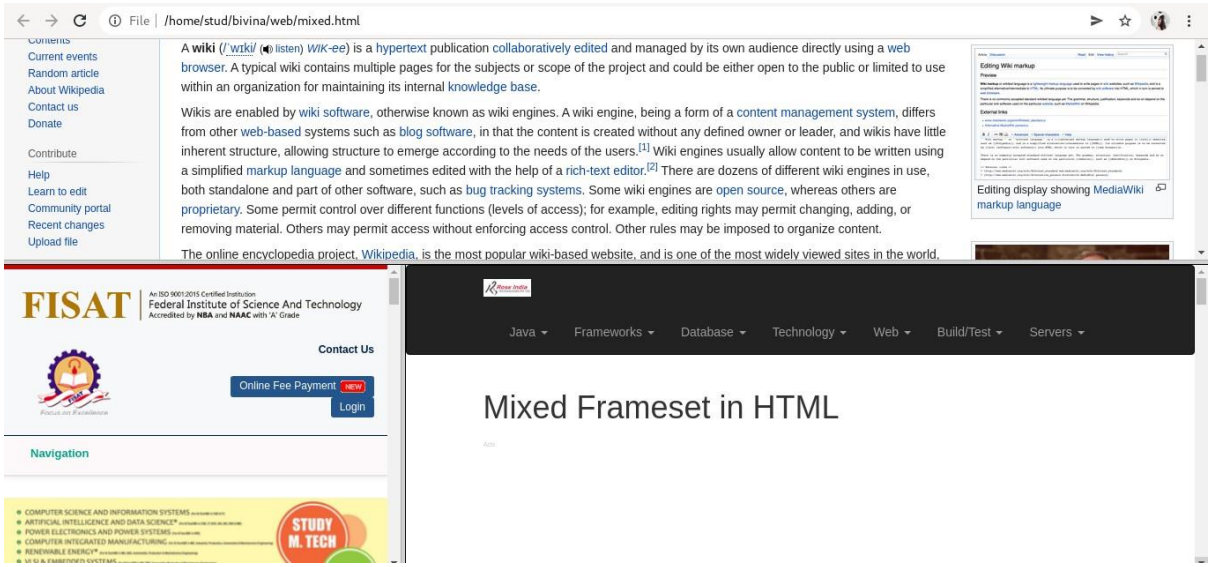
OUTPUT



MIXED FRAME

```
<html>
<head>
<title>Example of mixed frame</title>
</head>
< frameset>
<frameset rows="250,*">
<frame src="https://en.wikipedia.org/wiki/Wiki">
<frameset cols="450,*">
<frame src="https://www.fisat.ac.in">
<frame src="https://www.roseindia.net/html/mixed-frameset.shtml">
</frameset>
</frameset>
```

OUTPUT



EXPERIMENT NO.-5

AIM

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

PROGRAM CODE

INLINE

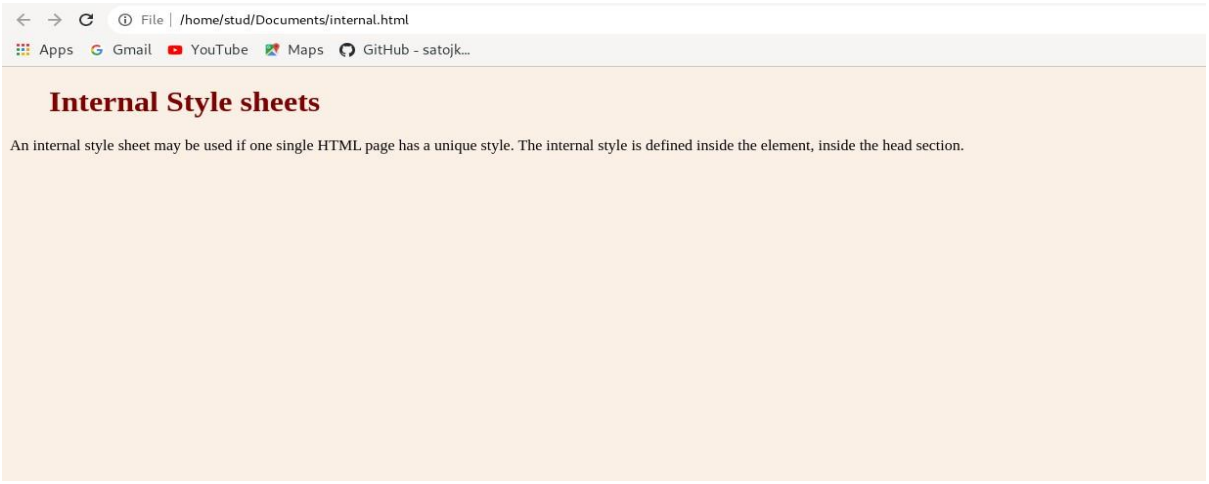
```
<!DOCTYPE html>
<html>
<body>

<h1 style="color:blue;">Inline Style</h1>

<p style="color:red;">An inline CSS is used to apply a unique style to a single HTML element.

An inline CSS uses the style attribute of an HTML element.
</p>

</body>
</html>
```

OUTPUT

INTERNAL

```
<!DOCTYPE html>
<html>
<head>
<style
> body
{
  background-color: linen;
}h1 {    color: maroon;
  margin-left: 40px;
}
</style>
</head>
<body>
<h1>Internal Style sheets</h1>
<p>An internal style sheet may be used if one single HTML page has a unique style. The internal style is defined inside the element, inside the head section.</p> </style>
</body></html>
```

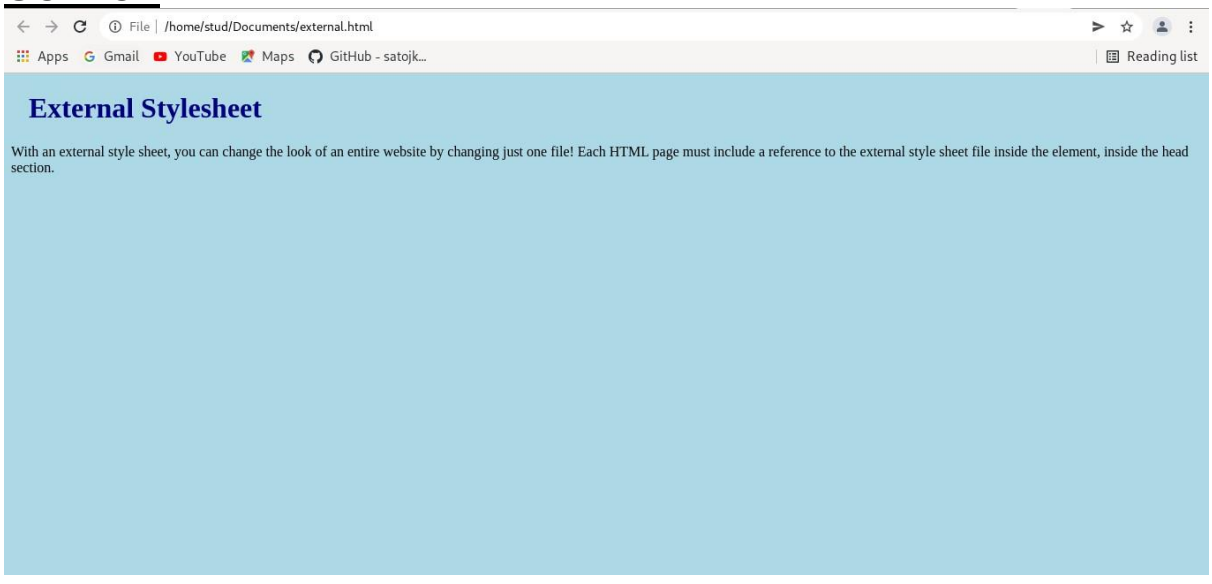
OUTPUT



EXTERNAL

```
<!DOCTYPE html>

<html>

<head>

<link rel="stylesheet" href="style.css">

</head>

<body>

<h1>External Stylesheet</h1>

<p>With an external style sheet, you can change the look of an entire website by changing just one file! Each HTML page must include a reference to the external style sheet file inside the <link> element, inside the head section.

</p>

</body>

</html>
```

OUTPUT



EXPERIMENT NO.-6

AIM

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

PROGRAM CODE

```
<html>
<head>
<title>validation</title>
<script>
function validateform(){
let x=document.forms["myform"]["fname"].value; if(x==""){
alert("name must be required");}
let z=document.forms["myform"]["address"].value; if(z==""){
alert("Address must be filled out");}
let y=document.forms["myform"]["age"].value;
if(y==""){
alert("Age must be required");}
let a=document.forms["myform"]["gender"].value; if(a==""){
alert("Gender must be selected");}
let b=document.forms["myform"]["mob"].value;
if(b==""){
alert("Please enter your mobile number");
return false;
}
}
</script>
</head>
<body bgcolor="linen">
<h2><center>APPLICATION FORM</center></h2>
<form name="myform" action="submit.html" onsubmit="return  validateform()"
method="post">
Name:<input type="text" name="fname"><br><br> <br>
```

Address:<input type="text" name="address">

Address2:<input type="text" name="address2">

Age:<input type="text" name="age">

 Gender: Male<input type="radio" name="gender" value="m"> Female<input type="radio" name="gender" value="f"> Other<input type="radio" name="gender"

value="o">

Mob no.:<input type="text" name="mob">

Phone no.:<input type="text" name="ph">

<input type="submit" value="submit"> </form>

</body>

</html>

SUBMIT.HTML

<html>

<head>

<title>submit</title>

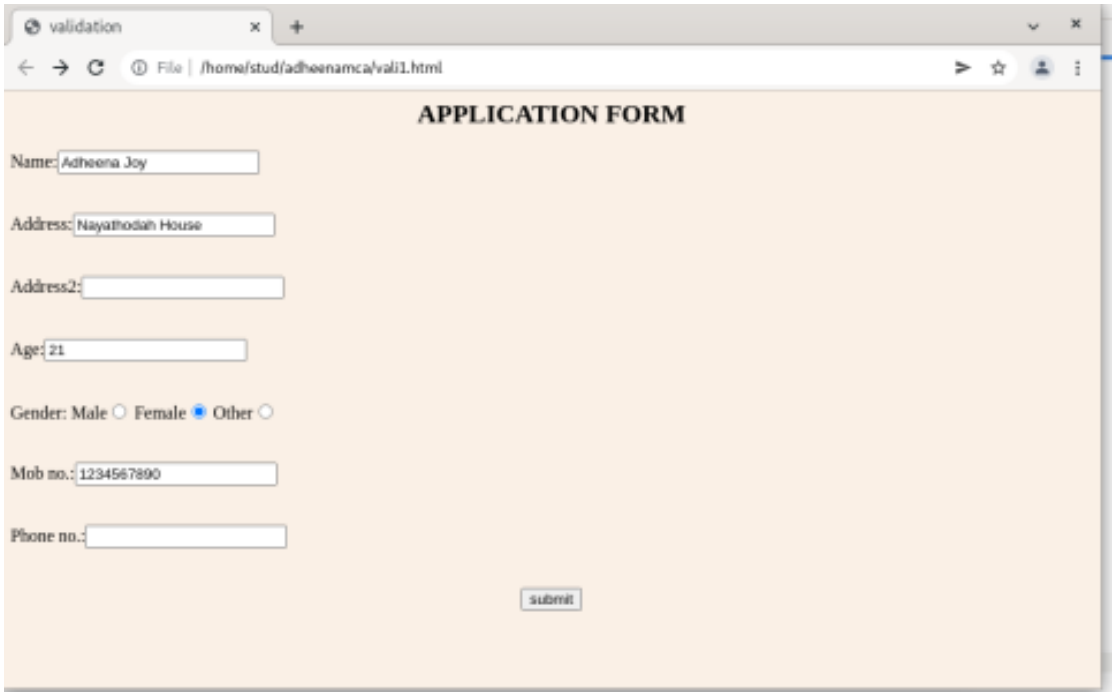
</head>

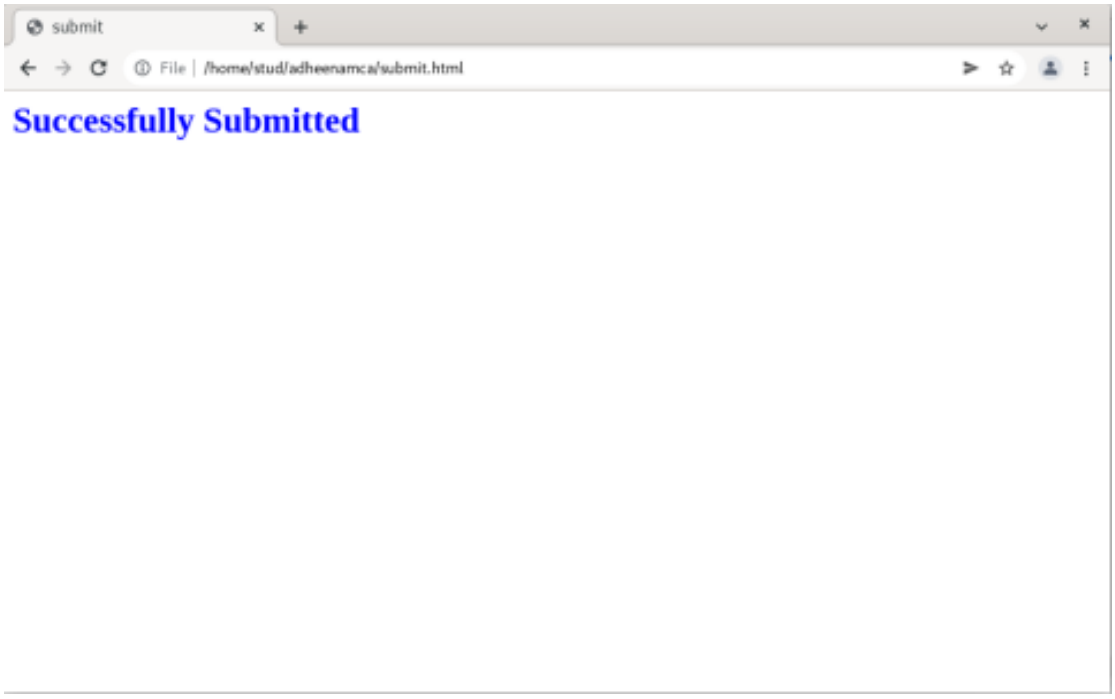
<body>

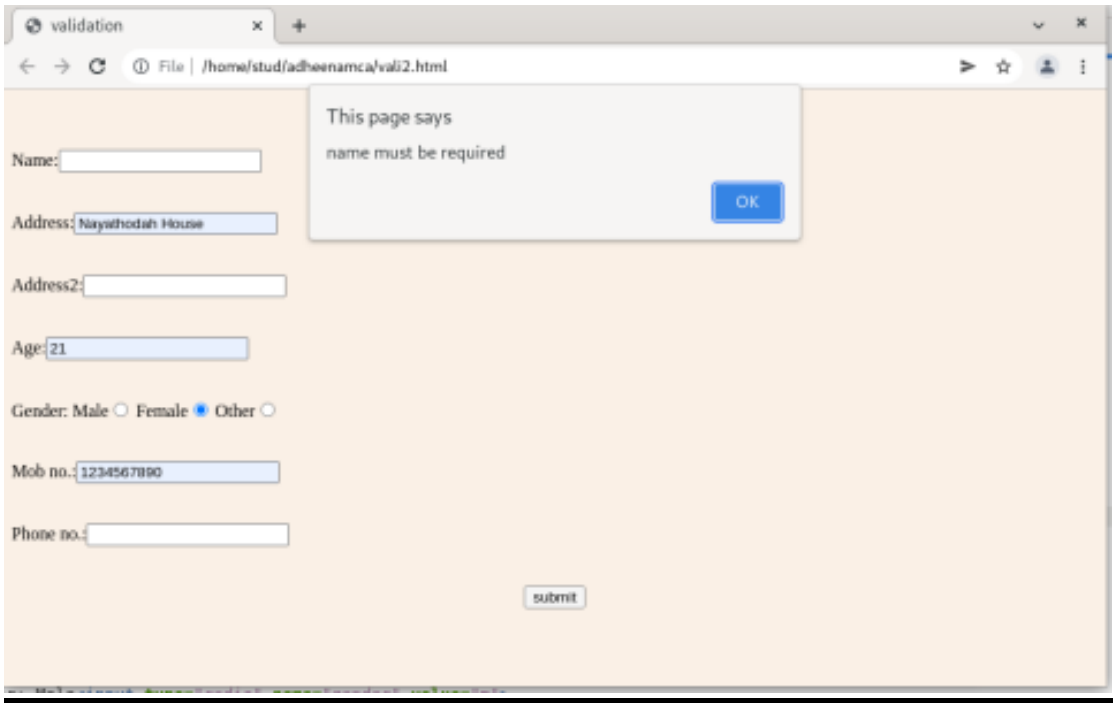
<h1>Successfully Submitted</h1> </body>

</html>

OUTPUT




submit
File | /home/stud/adheenamca/submit.html
Successfully Submitted


validation
File | /home/stud/adheenamca/vali2.html
This page says
name must be required
OK
Name:
Address:
Nayathodah House
Address2:
Age:
21
Gender: Male Female Other
Mob no.:
1234567890
Phone no.:
submit

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>
<title>functions</title>
<script>
function count1(){
text1="INDIA";
length=text1.length;
alert(length);
}
function s(){
str="Ajeeba, Adheena, Abima";
part=str.slice(5,14);
alert(part);
}
function sub(){
str="Mango, Strawberry, Kiwi";
parts=str.substring(6, 15);
alert(parts);
}
function subt(){
str="Apple, Banana, Kiwi";
part=str.substr(7, 6);
```

```
alert(part);
}
function repl(){
text="Hello Mellow!";
newtext=text.replace("Mellow", "BooBoo");
alert(newtext);
}
function upper(){
text1="Hello Mellow!";
text2=text1.toUpperCase();
alert(text2);
}
function lower(){
text1="Hello BooBoo!";
text2=text1.toLowerCase();
alert(text2);
}
function cont(){
text1="Hello";
text2="littleTrooper";
text3 = text1.concat(" ", text2);
alert(text3);
}
function tri(){
text1="      Hello BooBoo!      ";
text2=text1.trim();
alert(text2);
}
function at(){
```

```
text="HELLO BOOBOO";
char=text.charAt(7);
alert(char);
}
function spli(){
text="ad hee na";
text1=text.split(" ");
alert(text1);
}
function search(){
str="Please locate where 'locate' occurs!";
str1=str.indexOf("locate");
alert(str1);
}
function sear(){
str="Please locate where 'locate' occurs!";
str1=str.search("locate");
alert(str1);
}
function inclu(){
text="Hello world, welcome to my Fairyland.";
text1=text.includes("world");
alert(text1);
}
function rou(){
num=Math.round(5.6);
alert(num);
}
function cei(){
```

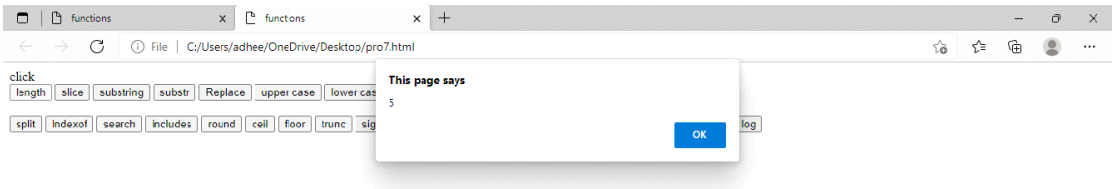
```
num=Math.ceil(4.9);
alert(num);
}
function floo(){
num=Math.floor(4.7);
alert(num);
}
function trun(){
num=Math.trunc(4.4);
alert(num);
}
function sig(){
num=Math.sign(-4);
alert(num);
}
function po(){
num=Math.pow(8, 2);
alert(num);
}
function sq(){
num=Math.sqrt(64);
alert(num);
}
function ab(){
num=Math.abs(-4.7);
alert(num);
}
function sin(){
num=Math.sin(90 * Math.PI / 180);
```

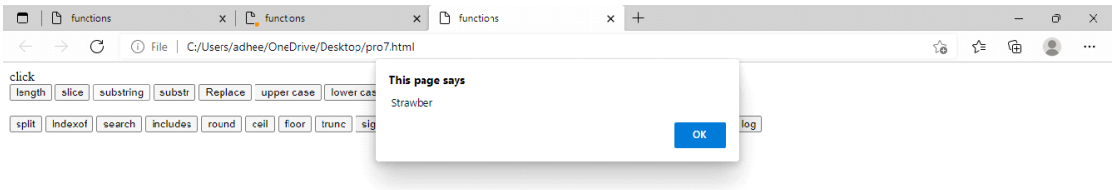
```
alert(num);
}
function cos(){
num=Math.cos(0 * Math.PI / 180);
alert(num);
}
function min(){
num=Math.min(0, 150, 30, 20, -8, -200);
alert(num);
}
function max(){
num=Math.max(0, 150, 30, 20, -8, -200);
alert(num);
}
function ran(){
num=Math.random();
alert(num);
}
function log(){
num=Math.log(1);
alert(num);
}
</script>
</head>
<body>click<br>
<input type="button" onclick="count1()" value="length">
<input type="button" onclick="s()" value="slice">
<input type="button" onclick="sub()" value="substring">
<input type="button" onclick="subt()" value="substr">
```

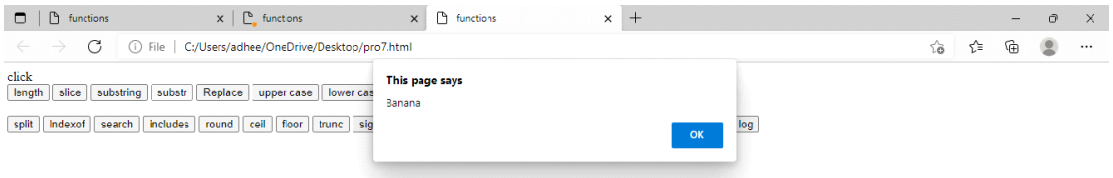
```
<input type="button" onclick="repl()" value="Replace">
<input type="button" onclick="upper()" value="upper case">
<input type="button" onclick="lower()" value="lower case">
<input type="button" onclick="cont()" value="concatenation">
<input type="button" onclick="tri()" value="trim">
<input type="button" onclick="at()" value="charAt"><br>
<br>
<input type="button" onclick="spli()" value="split">
<input type="button" onclick="search()" value="Indexof">
<input type="button" onclick="sear()" value="search">
<input type="button" onclick="inclu()" value="includes">
<input type="button" onclick="rou()" value="round">
<input type="button" onclick="cei()" value="ceil">
<input type="button" onclick="floo()" value="floor">
<input type="button" onclick="trun()" value="trunc">
<input type="button" onclick="sig()" value="sign">
<input type="button" onclick="po()" value="pow">
<input type="button" onclick="sq()" value="sqrt">
<input type="button" onclick="ab()" value="abs">
<input type="button" onclick="sin()" value="sin">
<input type="button" onclick="cos()" value="cos">
<input type="button" onclick="min()" value="minimum">
<input type="button" onclick="max()" value="maximum">
<input type="button" onclick="ran()" value="random">
<input type="button" onclick="log()" value="log">
</body>
</html>
```

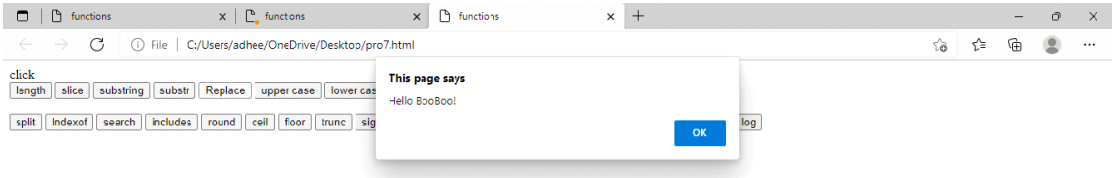
OUTPUT

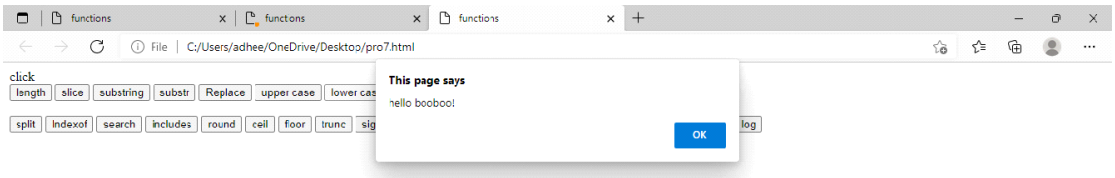

functions
File | C:/Users/adhee/OneDrive/Desktop/pro7.html
click
length slice substring substr Replace upper case lower case concatenation trim charAt
split Indexof search includes round ceil floor trunc sign pow sqrt abs sin cos minimum maximum random log

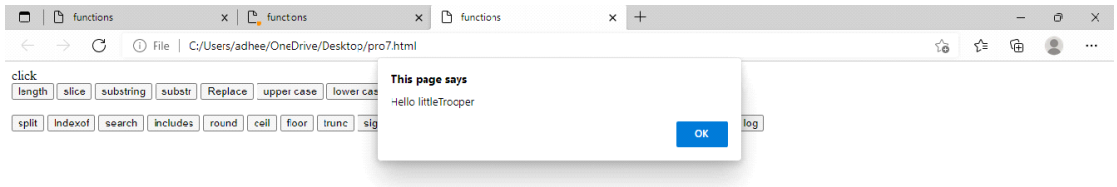

functions
functions
File | C:/Users/adhee/OneDrive/Desktop/pro7.html
click
This page says
5
OK

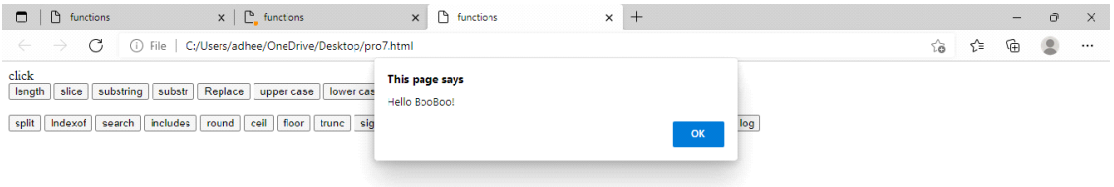

functions
functions
functions
File | C:/Users/adhee/OneDrive/Desktop/pro7.html
click
This page says
Strawber
OK

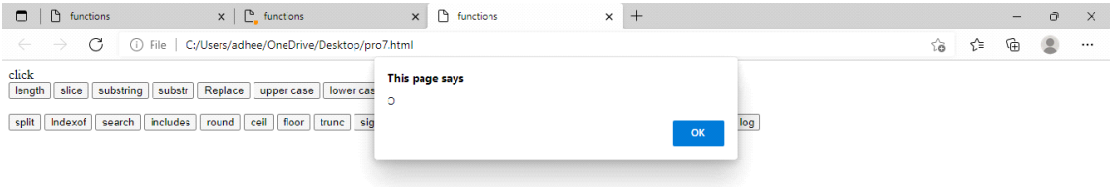

functions
functons
functions
File | C:/Users/adhee/OneDrive/Desktop/pro7.html
click
length
slice
substring
substr
Replace
upper case
split
indexof
search
includes
round
ceil
floor
trunc
log
This page says
Banana
OK


functions
functons
functions
File | C:/Users/adhee/OneDrive/Desktop/pro7.html
click
length
slice
substring
substr
Replace
upper case
split
indexof
search
includes
round
ceil
floor
trunc
log
This page says
Hello BooBoo!
OK


functions
functons
functions
File | C:/Users/adhee/OneDrive/Desktop/pro7.html
click
length
slice
substring
substr
Replace
upper case
split
indexof
search
includes
round
ceil
floor
trunc
log
This page says
hello booboo!
OK


functions
functons
functions
File | C:/Users/adhee/OneDrive/Desktop/pro7.html
click
length
slice
substring
substr
Replace
upper case
split
Indexof
search
includes
round
ceil
floor
trunc
log
This page says
Hello littleTrooper
OK


functions
functons
functions
File | C:/Users/adhee/OneDrive/Desktop/pro7.html
click
length
slice
substring
substr
Replace
upper case
split
Indexof
search
includes
round
ceil
floor
trunc
log
This page says
Hello BooBoo!
OK


functions
functons
functions
File | C:/Users/adhee/OneDrive/Desktop/pro7.html
click
length
slice
substring
substr
Replace
upper case
split
Indexof
search
includes
round
ceil
floor
trunc
log
This page says
OK

EXPERIMENT NO.-8

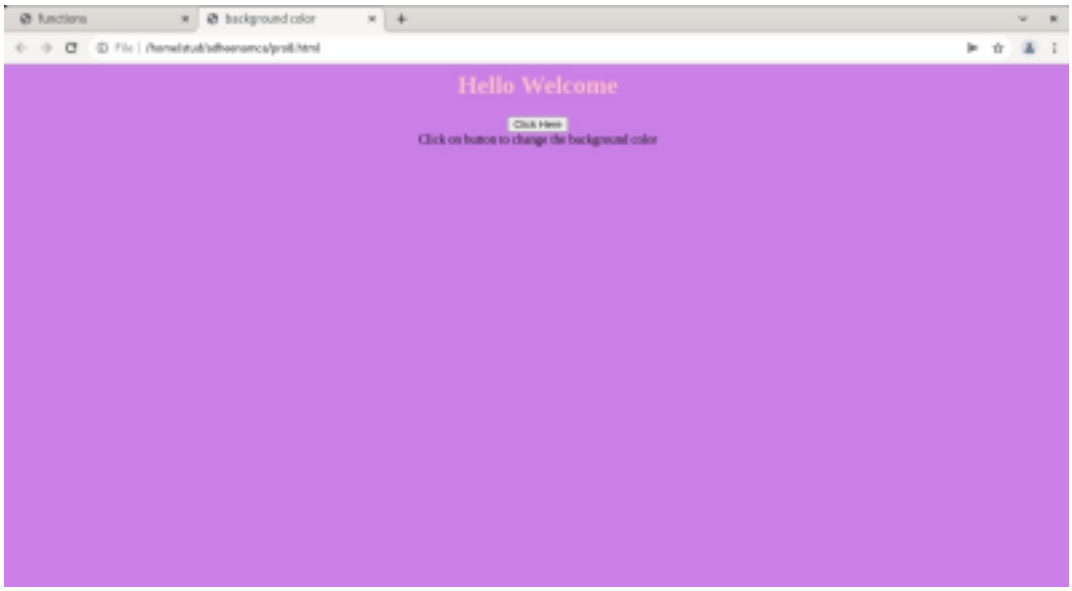
AIM

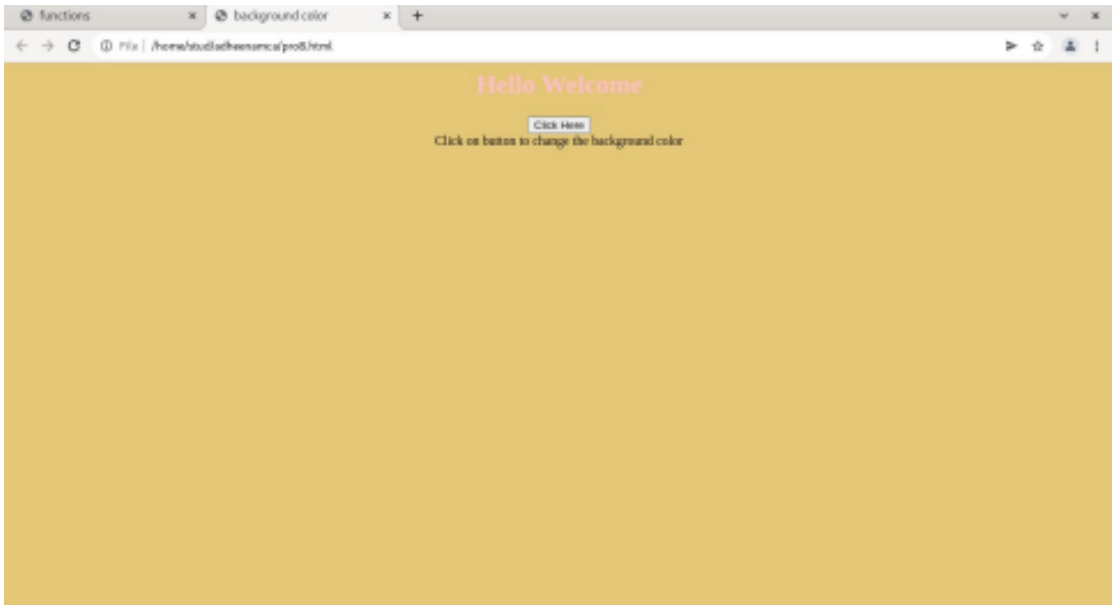
Create a HTML page to change the background color for every click of a button using JavaScript Event Handling

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


functions
background color
Hello Welcome
Click Here
Click on button to change the background color


functions
background color
Hello Welcome
Click Here
Click on button to change the background color

EXPERIMENT NO.-9

AIM

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

PROGRAM CODE

```
<!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: #E6E6E6;
}
</style>
</head>

<body>
<b><u>CALENDAR</u></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 me</button>

<div id="calendar"></div>

<script>

function calculate() {

var year = document.getElementById("cal").value;
var month = document.getElementById("month").value;
createCalendar(year,month);
}


function getDay(date) {
let day = date.getDay();
```

```
if (day == 0) day = 7;
return day - 1;
}

function createCalendar(year, month) {
let mon = month - 1;
let d = new Date(year, mon);
let table =
'<table><tr><th>MON</th><th>TUE</th><th>WED</th><th>THU</th><th>FRI</th><th>
SAT</th><th>SUN</th></tr><tr>';

for (let i = 0; i < getDay(d); i++) {
table += '<td>*</td>';
}

while (d.getMonth() == mon) {
table += '<td>' + d.getDate() + '</td>';
if (getDay(d) % 7 == 6) { // sunday, last day of week -> newrow
table += '</tr><tr>';
}

d.setDate(d.getDate() + 1);
}

if (getDay(d) != 0) {
for (let i = getDay(d); i < 7; i++) {
table += '<td>*</td>';
}
}
// close the table
table += '</tr></table>';
document.getElementById("calendar").innerHTML = table;
}

createCalendar(calendar, year, month);
</script>
</body>
</html>
```

OUTPUT

CALENDAR

Enter The year : 2011

Enter The Month: 12

Click me

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	*

EXPERIMENT NO.-10

AIM

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

PROGRAM CODE

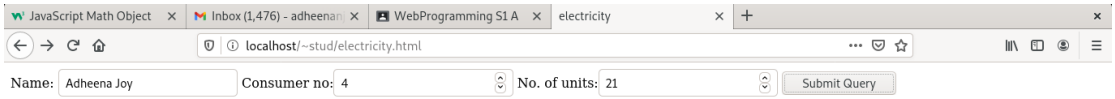
electricity.html

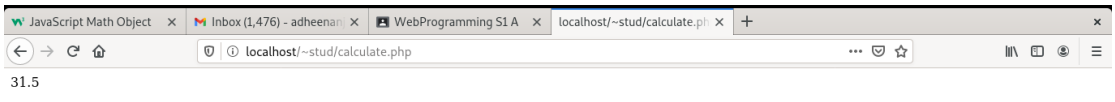
```
<html>
<head>
<title>electricity</title>
</head>
<body>
<form action="calculate.php" method="post">
Name: <input type="text" name="fname">
Consumer no:<input type="number" name="consumer">
No. of units:<input type="number" name="units">
<input type="submit">
</form>
</body>
</html>
```

calculate.php

```
<?php
$p=$_POST["units"];
$s=1.5;
$amount=$s*$p;
echo $amount;
?>
```

OUTPUT


JavaScript Math Object
Inbox (1,476) - adheenan
WebProgramming S1 A
electricity
localhost/~stud/electricity.html
Name: Adheena Joy
Consumer no: 4
No. of units: 21
Submit Query


JavaScript Math Object
Inbox (1,476) - adheenan
WebProgramming S1 A
localhost/~stud/calculate.ph
localhost/~stud/calculate.php
31.5

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
$name=array("Bindhu","Celeste","Deepa");
asort($name); echo "sorted using asort";
echo "<br>"; print_r($name);
echo "<br>";
echo "<br>";
arsort($name); echo "sorted using arsort";
echo "<br>";
 print_r($name);
?>
```

OUTPUT

EXPERIMENT NO.-12

AIM

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

PROGRAM CODE

```
<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 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 align="center"><u>BOOK INFORMATION SYSTEM</u><br>
<a href="addbook.html">Add Book</a><br>
<a href="search.html">Search Book</a><br>
</body>
</html>
```

addbook.html

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

```
<input type="submit" name="Submit">
<input type="reset" name="Reset">
</form>
</body>
</html>
```

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"
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>
```

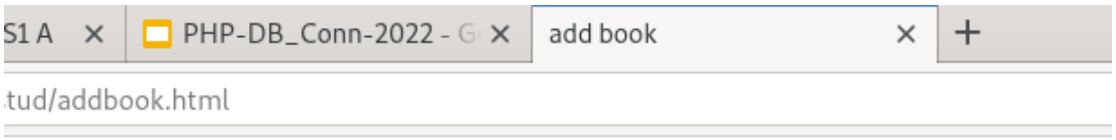
searchl.php

```
<?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();
?>
```

OUTPUT

BOOK INFORMATION SYSTEM
Add Book
Search Book



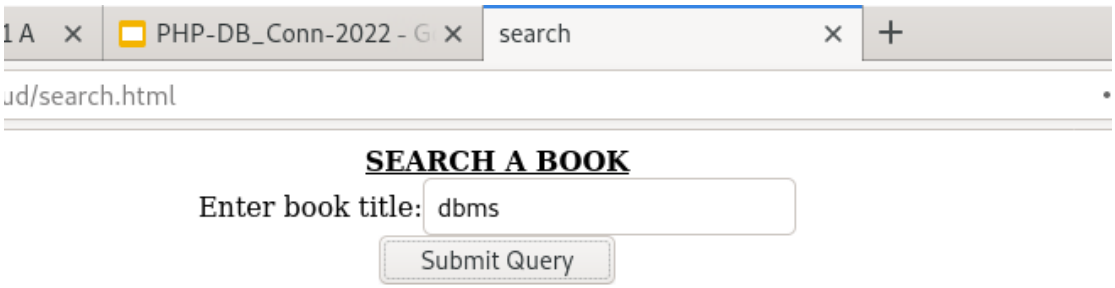
Enter Book Details

Access Number: 1
Title: dbms
Author: c.k gopalan
Edition: third
Publisher: hfc
Submit Query Reset

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]>
```



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>book</title>
</head>
<body align="center"><u>AIRINDIA<br>
<a href="add.html">Add airline details</a><br>
<a href="searchair.html">Search airline</a><br>
</body>
</html>
```

add.html

```
<html><head>
<title>add book</title></head>
<body>
<form name="frm1" action="add1.php" method="POST">
<center><b><u>Airline Details</u></b><br>
Airline Number:<input type="text" name="number"><br>
Name:<input type="text" name="name"><br>
Time:<input type="text" name="time"><br>
Source:<input type="text" name="source"><br>
Destination:<input type="text" name="dest"><br>
<input type="submit" name="Submit">
<input type="reset" name="Reset">
</form>
```

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

add1.php

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

searchair.html

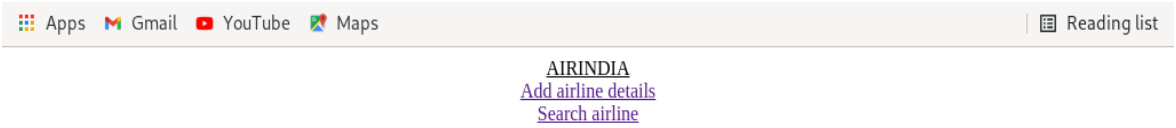
```
<html>
<head>
<title>search</title>
</head>
<body>
<form name="frm2" action="search1.php"
method="POST">
<center>
<b><u>SEARCH AIRLINE</u></b><br>
Enter The source:<input type="text" name="sou"><br>
Enter The destination:<input type="text" name="des"><br>
<input type="submit" name="Submit">
</center>
</form>
</body>
</html>
```

search1.php

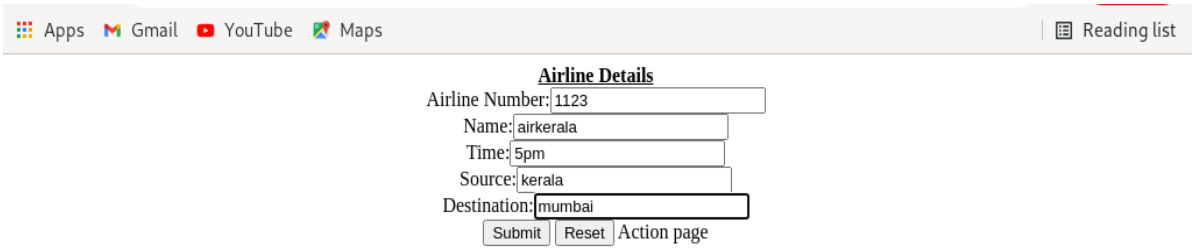
```
<?php
$sou=$_POST['sou'];
$des=$_POST['des'];
$con=new
mysqli("localhost","fisat","fisat","fisatdb");
if($con==false)
{
echo "Failed to connect";
}
else
{
echo "connected\n";
}
```

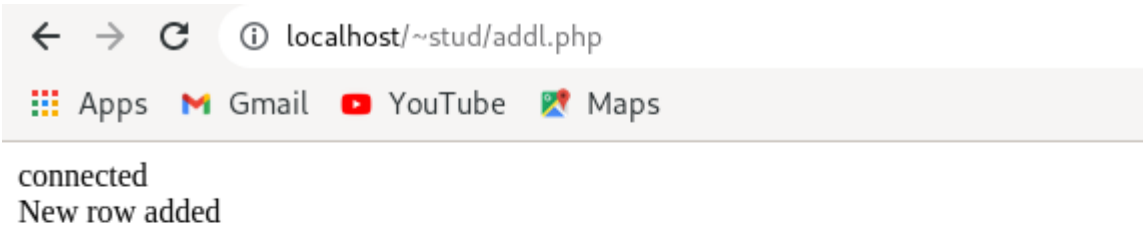
```
$sql="select * from airline where
source='$sou' and destination='$des'";
if($result=$con->query($sql))
{
if($result->num_rows>0)
{
while($row=$result->fetch_array())
{ echo
"\n".$row[0].":".$row[1].":".$row[2].":".$row[3].":".
$row[4]."\n";}
$result->close();
}else
{ echo "\nCould not found the book"; }
}else
{ echo "\nError:could not connect"; }
$con->close();
?>
```

OUTPUT



AIRINDIA
Add airline details
Search airline





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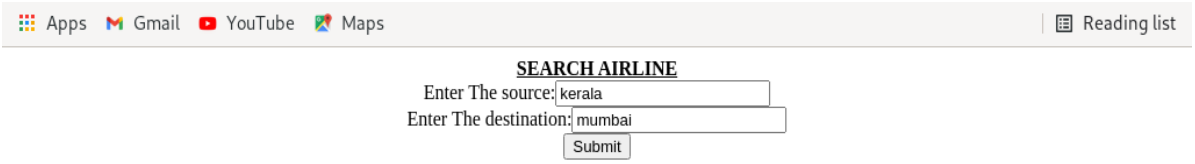

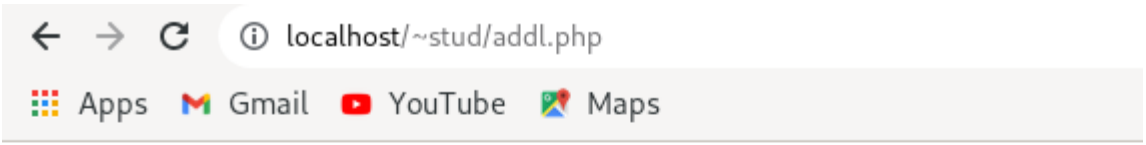

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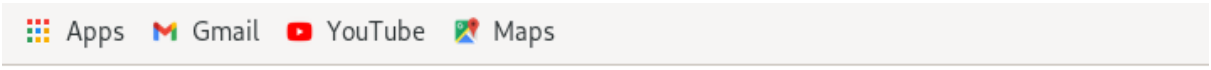

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