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

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#### **FOCUS ON EXCELLENCE**

## 20MCA133 WEB PROGRAMMING LAB

#### LABORATORY RECORD

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**Branch: MASTER OF COMPUTER APPLICATIONS** 

Semester: 1 Batch: A Roll No: 15

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## FEDERAL INSTITUTE OF SCIENCE AND TECHNOLOGY (FISAT)™

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### **CERTIFICATE**

This is to certify that this is a Bonafide record of the Practical work done by AMAL V S (FIT21MCA-2015) in the 20MCA133 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	on
Signature of	Signature of
Internal Examiner	External Examiner

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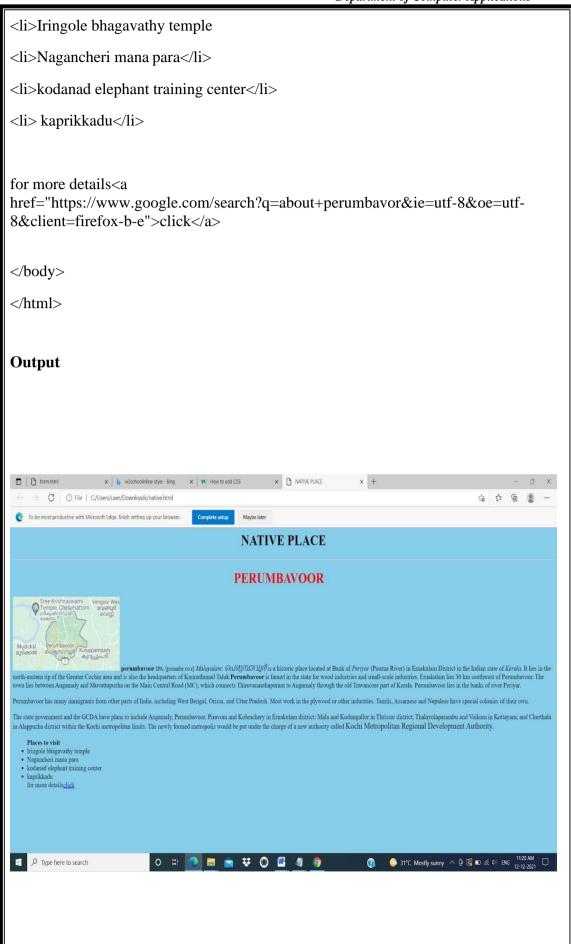
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**Aim**: Create a simple html file to demonstrate the use of different tags.

#### Program code

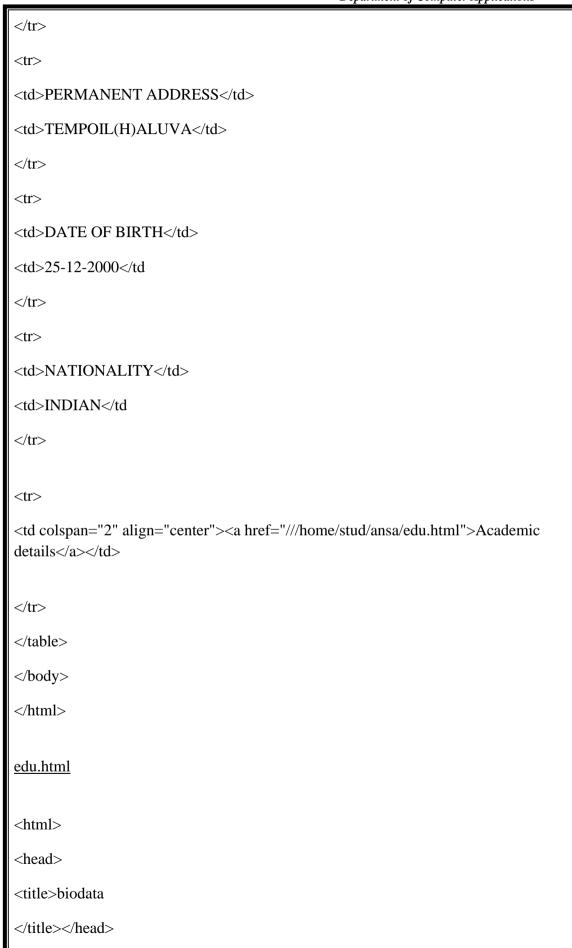
```
<html>
<head>
<title>NATIVE PLACE</title>
</head>
<body bgcolor="skyblue">
<h1 align="center">NATIVE PLACE</h1><hr>
<h1><marquee> <font color="red">PERUMBAVOOR</font></marquee></h1>
<img src="per.png" width="300">
<strong>perumbayoor</strong> <small>IPA: [perumbayour]</small>
<cite>Malayalam: പ്രാരാസ്ഥാവാർ</cite> is a historic place located at Bank of
<i>Periyar</i> (Poorna River) in Ernakulam District in the Indian state of
<em>Kerala</em>. It lies in the north-eastern tip of the Greater Cochin area and is
also the headquarters of Kunnathunad Taluk.<br/>
<br/>
Herumbayoor </br>
is famed in the
state for wood industries and small-scale industries. Ernakulam lies 30 km southwest
of Perumbayoor. The town lies between Angamaly and Muvattupuzha on the Main
Central Road (MC), which connects Thiruvananthapuram to Angamaly through the
old Travancore part of <boldface>Kerala</boldface>. Perumbayoor lies in the banks
of river Periyar.Perumbayoor has many immigrants from other parts of India,
including West Bengal, Orissa, and Uttar Pradesh. Most work in the plywood or other
industries. Tamils, Assamese and Nepalese have special colonies of their
own.The state government and the GCDA have plans to include Angamaly,
Perumbayoor, Pirayom and Kolenchery in Ernakulam district; Mala and Kodungallur
in Thrissur district; Thalayolaparambu and Vaikom in Kottayam; and Cherthala in
Alappuzha district within the Kochi metropolitan limits. The newly formed
metropolis would be put under the charge of a new authority called <br/> <br/>big>Kochi
Metropolitan Regional Development Authority</big>.
```

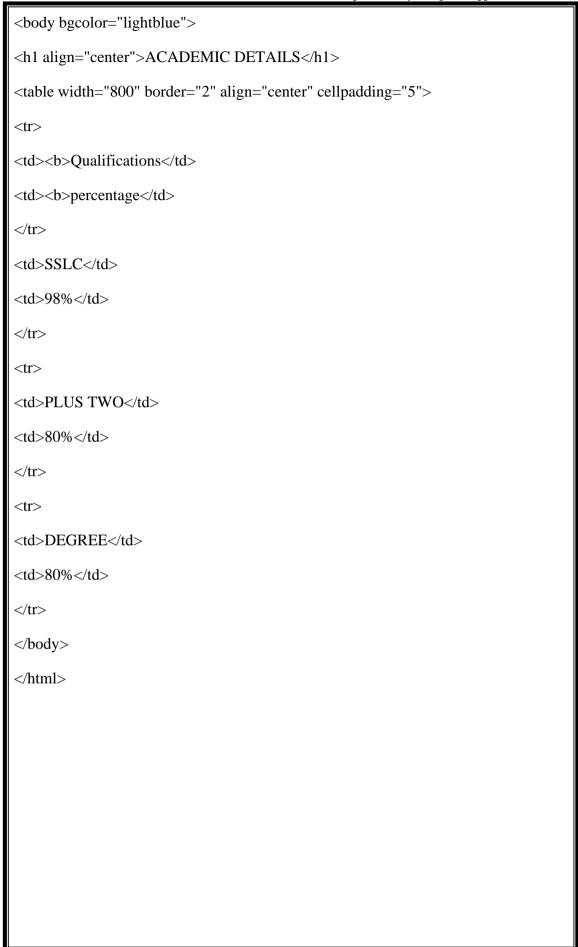
b>Places to visit</b>

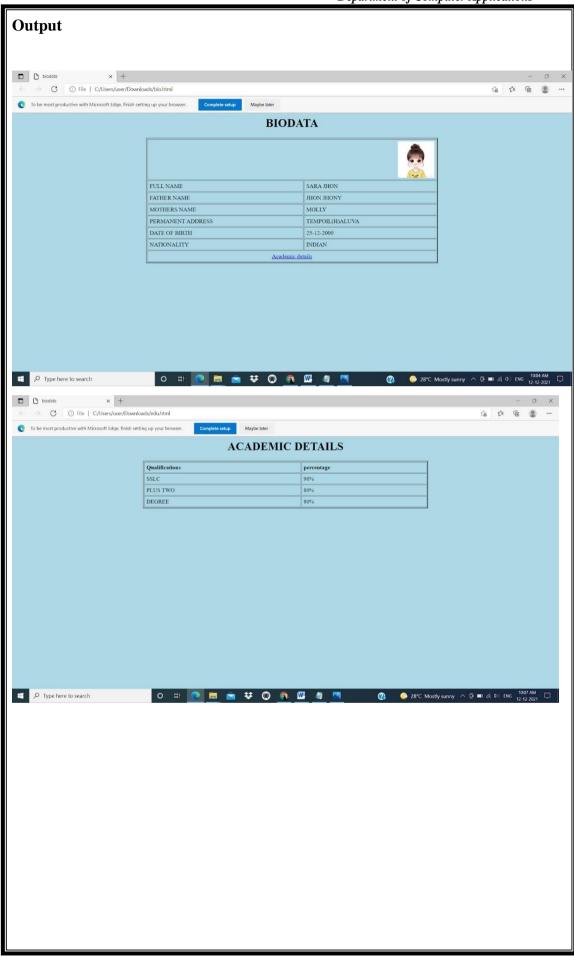


**Aim**: Create your bio data by using the html tags for hyperlinks, images, table, frame and fonts. Make it attractive by using the various color elements. The design should contain a minimum of 3 hyperlinks

```
<html>
<head>
<title>biodata
</title></head>
<body bgcolor="lightblue">
<h1 align="center">BIODATA</h1>
<img src="///home/stud/ansa/me.jpg"
height="100px">
FULL NAME
SARA JHON
FATHER NAME
JHON JHONY
MOTHERS NAME
MOLLY
```





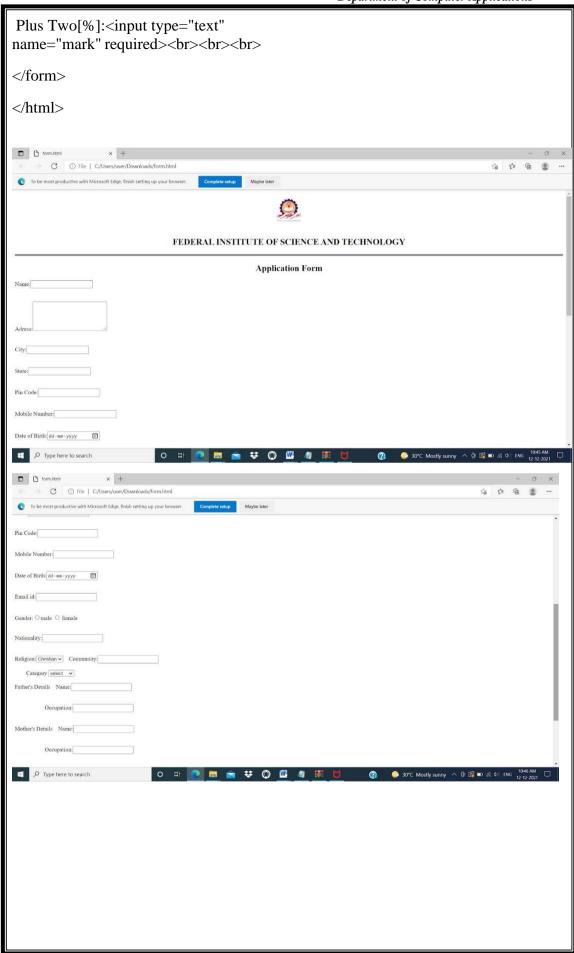


Aim: Create an application form for MCA course in FISAT.

```
Program code
```

```
<html>
<head>
<title></title>
</head>
<body>
<center><img src="https://fisat.ac.in/images/logo.png" height="100px" ></center>
<h2><center>FEDERAL INSTITUTE OF SCIENCE AND
TECHNOLOGY</center></h2>
<hr size=5 noshade>
<h2><center>Application Form</center></h2>
</body>
<form>
Name:<input type="text" name="name" required><br><br><br>
Adress:<textarea name= "address" rows="5" cols="25"
required></textarea><br><br><br>
City:<input type="text" name="city" required><br><br><br>
State:<input type="text" name="state" required><br><br><br>
Mobile Number:<input type="number" name="mobile" required> <br> <br> <br
Gender:<input type="radio" name="Male" >male
   <input type="radio" name="Female"> female<br></br><<br/>br>
Nationality:<input type="text" name="nationality" required> <br><br><br>
Religion:<select>
      <option>Christian</option>
```

```
<option>Hindu
    <option>Muslim
   </select> &nbsp; &nbsp;
   Community:<input type="text"required><br><br>
          
   <select>
    <option selected> select</option>
    <option> General
    <option> SC</option>
    <option>ST</option>
    <option>OBC</option>
    <option>OEC</option>
    <option>Others
   </select><br>></br>
Father's Details
  
     Name:<input type="text" name="name" required><br><br><br>
               
nbsp;      
    Occupation:<input type="text" name="occup"
required><br><br><br>
                 Mother's Details
  
              
nbsp;      
     Occupation:<input type="text" name="occup" required><br><br><br
<hr size="4" noshade>
<h3><center>Academic Qualification</center></h3>
Entarance Rank[if avaliable]: <input type="text"
name="rank" required><br><br>
SSLC Mark[%]: <input type="text" name="mark" required><br><br>
```



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

```
<html>
<head>
<title>Frames</title>
<frameset cols="140,*">
<frame name="navS" src="///home/stud/ansa/pg4.html">
<frameset rows="500,*">
<frame name="mainF" src="///home/stud/ansa/images.jpeg">
<frame name="mainF" src="///home/stud/ansa/state.html">
</frameset>
</frameset>
<head>
<body>
</html>
pg4.html
<html>
<head><title>Navigation Bar</title></head>
<body><center>
<a href="///home/stud/ansa/india.jpg" target="mainF">INDIA</a><br><br>
<a href="///home/stud/ansa/pg4a.html" target="mainF">ABOUT
INDIA</a><br>>br><br>>
</re>
</html>
Pg4a.html
<html>
<head>
<title>frame</title>
</head>
<body>
India, officially the Republic of India (Hindi: Bhārat Gaṇarājya),[23] is a country
in South Asia. It is the seventh-largest country by area, the second-most populous
```

country, and the most populous democracy in the world. Bounded by the Indian Ocean on the south, the Arabian Sea on the southwest, and the Bay of Bengal on the southeast, it shares land borders with Pakistan to the west;[f] China, Nepal, and Bhutan to the north; and Bangladesh and Myanmar to the east. In the Indian Ocean, India is in the vicinity of Sri Lanka and the Maldives; its Andaman and Nicobar Islands share a maritime border with Thailand, Myanmar and Indonesia. <iframe src="///home/stud/answeb/emblem.html" width="800" height="400"algin="center"></iframe><br> Modern humans arrived on the Indian subcontinent from Africa no later than 55,000 years ago. [24] Their long occupation, initially in varying forms of isolation as hunter-gatherers, has made the region highly diverse, second only to Africa in human genetic diversity.[25] Settled life emerged on the subcontinent in the western margins of the Indus river basin 9,000 years ago, evolving gradually into the Indus Valley Civilisation of the third millennium BCE.[26] By 1200 BCE, an archaic form of Sanskrit, an Indo-European language, had diffused into India from the northwest, [27] unfolding as the language of the Rigyeda, and recording the dawning of Hinduism in India. [28] The Dravidian languages of India were supplanted in the northern and western regions.[29] By 400 BCE, stratification and exclusion by caste had emerged within Hinduism, [30] and Buddhism and Jainism had arisen, proclaiming social orders unlinked to heredity.[31] Early political consolidations gave rise to the looseknit Maurya and Gupta Empires based in the Ganges Basin. [32] Their collective era was suffused with wide-ranging creativity, [33] but also marked by the declining status of women,[34] and the incorporation of untouchability into an organised system of belief.[g][35] In South India, the Middle kingdoms exported Dravidian-languages scripts and religious cultures to the kingdoms of Southeast Asia.[36] </body> </html> Emblem.html <html> <head> <title>frame</title> </head> <body> <center> <h1>EMBLEM</h1> <img src="///home/stud/answeb/emblem.jpg"> </center> </body> </html>

# State.html <html> <head> <title>state</title> </head> <body> <center><b>STATES</b></center> Many people don't know about the total number of States / Union Territories in India and their capitals. In this article, we are giving you the latest update on the States and Capitals of India. There are a total of 28 states and 8 union territories in India at present. Each state of India has an administrative, legislative and judicial capital some state all three functions are conducted in one capital. Every state is ruled by a Chief Minister. Here we have covered the list of the Indian States, Union Territories, and their capitals. </body> </html> <u>output</u> × S Frames ← → C ① File | /home/stud/ansa/p4.html ABOUT INDIA Many people don't know about the total number of States / Union Territories in India and their capitals. In this article, we are giving you the latest update on the States and Capitals of India. There are a total of 28 states and 8 union territories in India at present. Each state of India has an administrative, legislative and judicial capital some state all three functions are conducted in one capital. Every state is ruled by a Chief Minister. Here we have covered the list of the Indian State, and their capitals.



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

#### Program code

<html>

<head><title>css</title>

<link rel="stylesheet" href="5a.css">

<style>

body {background-color:yellow;}

h1 {color: blue;}

</style>

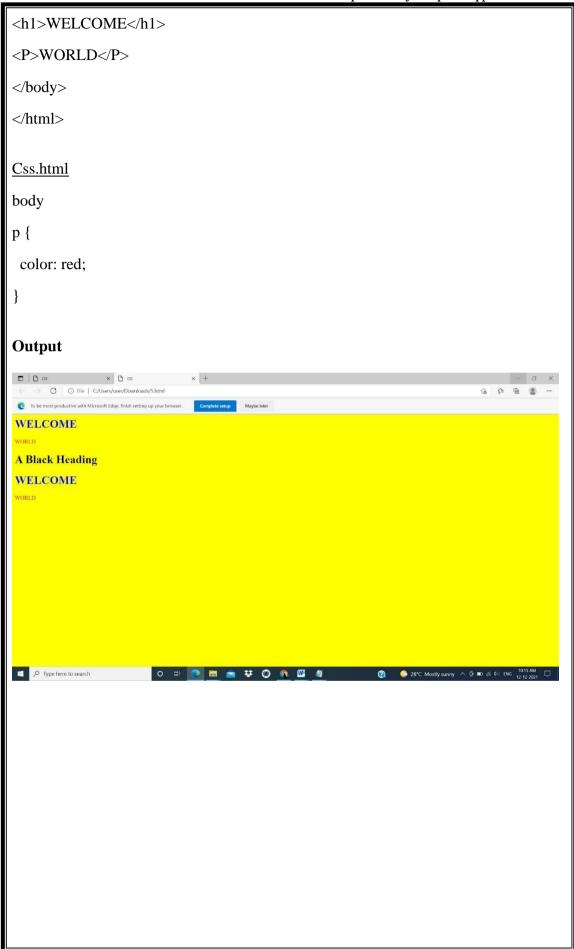
</head>

<body>

<h1>WELCOME</h1>

<P>WORLD</P>

<h1 style="color:black;">A Black Heading</h1>



**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 q = document.forms["myForm"]["address"].value;
if (q == "") {
alert("address must be filled out");
return false;
var w = document.forms["myForm"]["city"].value;
if (w == "") {
alert("city must be filled out");
return false;
var u = document.forms["myForm"]["state"].value;
if (u == "") {
alert("state must be filled out");
return false;
var u = document.forms["myForm"]["pincode"].value;
if (u == "") {
alert("pincode must be filled out");
return false;
var u = document.forms["myForm"]["mobile"].value;
if (u == "") {
alert("mobile number must be filled out");
return false;
var u = document.forms["myForm"]["mail id"].value;
if (u == "") {
alert("mail id must be filled out");
return false;
</script></head>
<body>
```

<form name="myForm" action="/action\_page\_post.php"</pre> onsubmit="return validateForm()" method="post"> Date of Birth:<input type="date" name=dob ><br><br><br> Email id:<input type="email" name="mail id" > <br><br><br> Gender:<input type="radio" name="Male" >male <input type="radio" name="Female"> female<br></br></br> <input type="submit" value="Submit"> </form> </body> </html> output This page says Name must be filled out Pin Code: Mobile Number: Date of Birth: dd/mm/yyyy 🗖 Email id: Gender: ○male ○ female 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, convert string to arrayindexof, search, includes). (Math Functions- round, ceil, floor, trunc, sign, pow, sqrt, abs, sin, cos, min, max, random, log)

```
<!DOCTYPE html>
<html>
<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);
</script>
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>
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 lower case: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();
document.getElementById("demo6").innerHTML =
"Length text7=" + text7.length + " < br>Length8 text8=" + text8.length;
</script>
The charAt() method returns the character at a given position in a string:
<script>
var text9 = "HELLO WORLD";
document.getElementById("demo7").innerHTML = text9.charAt(0);
</script>
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>
```

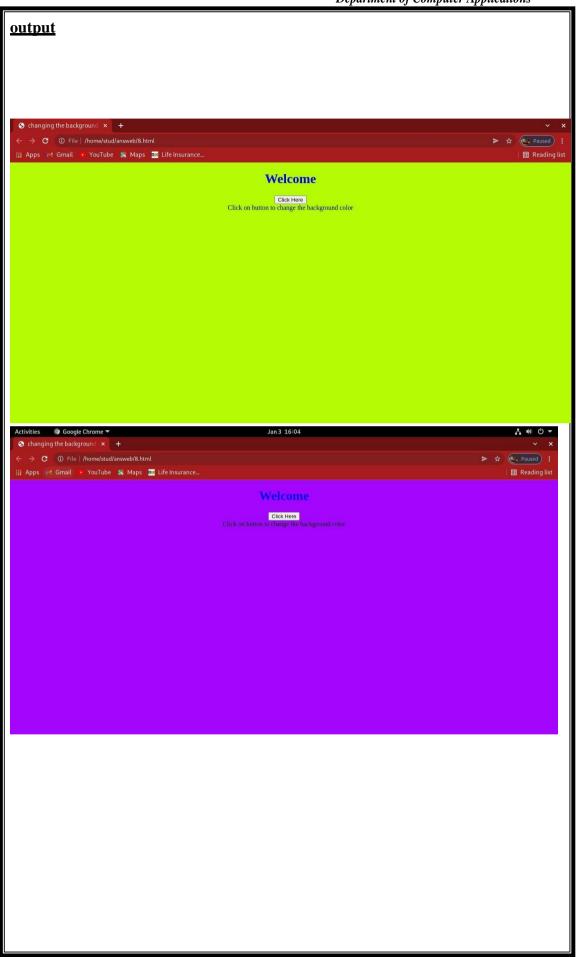
```
document.getElementById("demo23").innerHTML =
Math.max(0, 150, 30, 20, -8, -200);
</script>
Math.random() returns a random number between 0 and 1:
<script>
document.getElementById("demo24").innerHTML = Math.random();
</script>
Math.log() returns the natural logarithm of a number:
<script>
document.getElementById("demo25").innerHTML = Math.log(1);
</script>
</body>
</html>
output
JavaScript String Properties
The length property returns the length of a string:ABCDEFGHIJKLMNOPQRSTUVWXYZ
The slice() method extract a part of a string and returns the extracted parts in a new string: Apple, Banana, Kiwi
The substring() method extract a part of a string and returns the extracted parts in a new string:Apple, Banana, Kiwi
The substr() method extract a part of a string and returns the extracted parts in a new string: Apple, Banana, Kiwi
Replace "Microsoft" with "W3Schools" in the paragraph below:
 Try it
Please visit W3Schools!
Convert string to upper case:Hello World!
 Try it
HELLO WORLD!
```

```
Convert string to lower case: Hello World!
  Try it
hello world!
The concat() method joins two or more strings:Hello,World!
Hello World!
The trim() Method
Length text7=22
Length8 text8=12
The charAt() method returns the character at a given position in a string:
Display the first array element, after a string split:
The indexOf() method returns the position of the first occurrence of a specified text:
The search() method returns the position of the first occurrence of a specified text in a string:
Check if a string includes "world":
The includes() method is not supported in Internet Explorer.
JavaScript Math.round()
Math.round(x) returns the value of x rounded to its nearest integer:
Math.ceil() rounds a number up to its nearest integer:
Math.floor(x) returns the value of x rounded down to its nearest integer:
Math.trunc(x) returns the integer part of x:
Math.sign(x) returns if x is negative, null or positive:
Math.pow(x,y) returns the value of x to the power of y:
64
Math.sqrt(x) returns the square root of x:
Math.abs(x) returns the absolute (positive) value of x:
4.4
```

Math. $sin(x)$ returns the $sin$ of $x$ (given in radians):
Angle in radians = (angle in degrees) * PI / 180.
The sine value of 90 degrees is 1
Math.cos(x) returns the cosine of x (given in radians):
Angle in radians = (angle in degrees) * PI / 180.
The cosine value of 0 degrees is 1
Math.min() returns the lowest value in a list of arguments:
-200
Math.max() returns the highest value in a list of arguments.
150
Math.random() returns a random number between 0 and 1:
0.8046829287787244
Math.log() returns the natural logarithm of a number:
0

**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;" >
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>
```



**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/>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 =
 'MONTUEWEDTHUFRI
SATSUN<;
 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>
```



echo \$_POST["name"]; ?> coustomer id: php     echo \$_POST["cid"]; ? electricity consumed: php     echo \$_POST["ec"]; ? <b>Syour amount is:</b>
<pre><?php echo \$_POST["ec"] * 10;</pre></pre>
?>
output:
customer name: ann
customer id: 343
electricity consumed: 123
Submit Query
ELECTRICITY BILL
coustomer name: ann coustomer id: 343 electricity consumed: 123
Your amount is: 1230

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

#### Program code

```
<?php
$stud=array("Ansa","Ani","Aadhu");
echo "List of Students";
echo "<br/>tr>";
print r($stud);
echo "<br>";
echo "Sorted list:";
echo "<br/>tr>";
asort($stud);
print_r($stud);
echo "<br>";
echo "Reverse list:";
echo "<br/>tr>";
arsort($stud);
print_r($stud);
?>
```

#### **Output**

```
List of Students
Array ( [0] => Ansa [1] => Ani [2] => Aadhu )
Sorted list:
Array ( [2] => Aadhu [1] => Ani [0] => Ansa )
Reverse list:
Array ( [0] => Ansa [1] => Ani [2] => Aadhu )
```

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

```
Program code
<!DOCTYPE html>
<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>
     <th>NO</th>
     NAMES
     1
     Virat Kohli
     2
     M S Dhoni
```

	epartment of Computer Applications
3	
Rohit Sharma	
";	
?>	
Output	
_	
Indian Cricketers: Virat Kohli, M S Dhoni and Rohit Sh	narma.
INDIAN CRICKETERS	
NO NAMES	
1 Virat Kohli 2 M S Dhoni	
3 Rohit Sharma	

**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

#### bookinginfo.html

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

#### add book.html

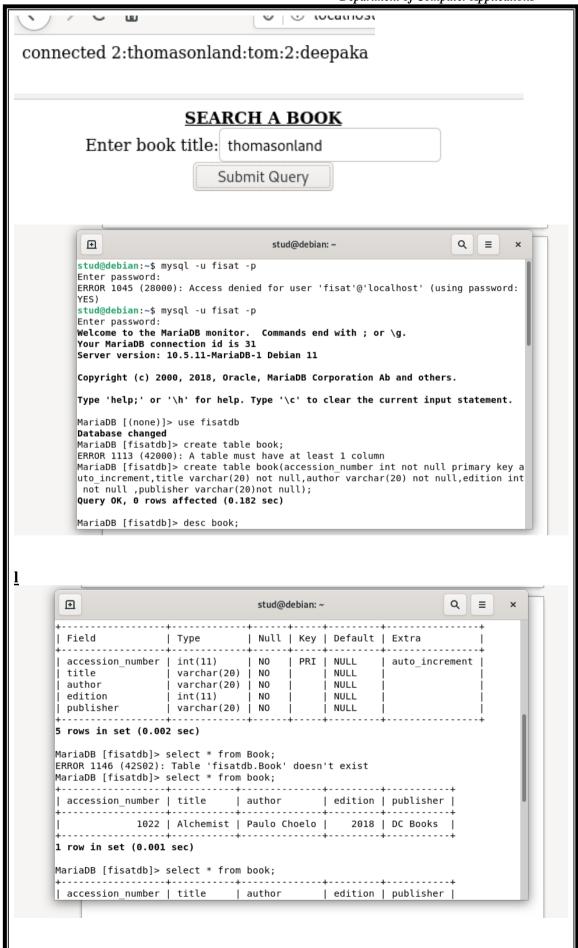
```
<html><head>
<title>add book</title></head>
<body>
<form name="frm1" action="addl.php" method="POST">
<center><b><u>Enter Book Details</u></b><br>
Access number:<input type="number" name="num"><br>
Title:<input type="text" name="tit"><br>
Author:<input type="text" name="author"><br>
Edition:<input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

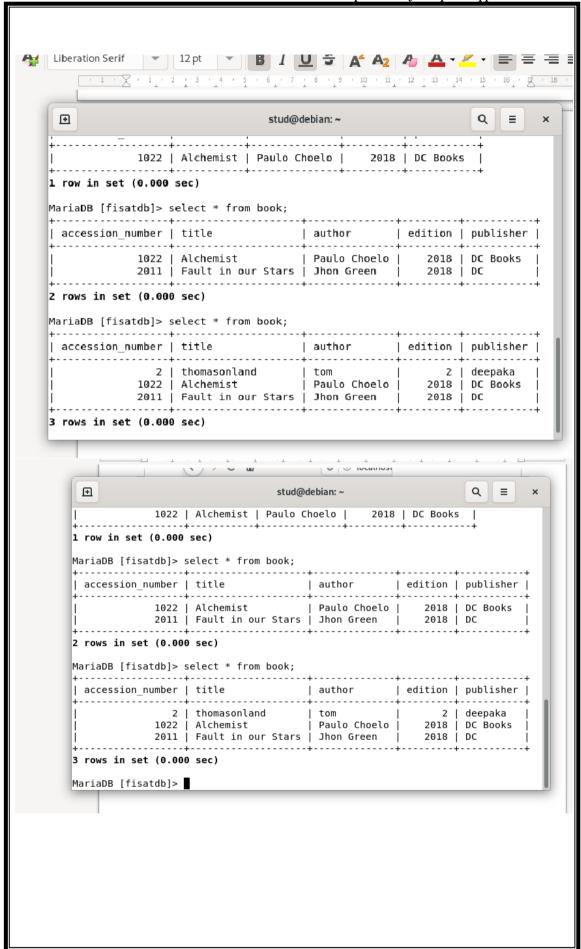
#### addl.php

```
<?php
$num=$_POST['num'];
$tit=$_POST['tit'];
$author=$_POST['author'];
$edi=$_POST['edi'];
$pub=$_POST['pub'];</pre>
```

```
$con=new mysqli("localhost","fisat","fisat","fisatdb");
if($con==false)
echo "Failed to connect";
else
echo "connected";
$sql="INSERT INTO book VALUES($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.html
<?php
$title=$_POST['txt'];
$con=new mysqli("localhost","fisat","fisat","fisatdb");
if($con==false)
echo "Failed to connect";
else
```

```
echo "connected\n";
$sql="select * from book where title='$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: 56
             Title: antoparl
            Author: anthony
            Edition: 5
          Publisher: 2018
                   Submit Query
                                       Reset
```





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

```
airlineinfo.html
<html>
<head>
<title>airline</title>
</head>
<body align="center"><u>AIRLINE INFORMATION SYSTEM</u><br>
<a href="add_airlineinfo.html">Add AIRLINE DETAILS</a><br>
<a href="search1.html">Search AIRLINE DETAILS</a><br>
</body>
</html>
add_airlineinfo.html
<html><head>
<title>add airline</title></head>
<body>
<form name="frm1" action="addair.php" method="POST">
<center><b><u>Enter Airline Details</u></b><br>
AIRLINE ID:<input type="number" name="id"><br>
AIRLINE NAME:<input type="text" name="name"><br>
DEPARTURE FROM:<input type="text" name="depfrom"><br>
DEPARTURE TIME:<input type="number" name="deptime"><br>
AIRIVAL TIME:<input type="number" name="aritime"><br>
AIRIVAL PLACE:<input type="text" name="ariplace"><br>
<input type="submit" name="Submit">
<input type="reset" name="Reset">
</form>
</body>
</html>
addair.php
<?php
$id=$_POST['id'];
$name=$_POST['name'];
$depfrom=$_POST['depfrom'];
```

```
$deptime=$_POST['deptime'];
$airtime=$_POST['aritime'];
$airplace=$_POST['ariplace'];
$con=new mysqli("localhost","fisat","fisat","fisatdb");
if($con==false)
echo "Failed to connect";
else
echo "connected";
$sql="INSERT INTO airline
VALUES($id,'$name','$depfrom',$deptime,$airtime,'$airplace')";
if($con->query($sql))
echo "<BR>";
echo 'New row added';
else
echo "ERROR:could not execute query";
$con->close();
?>
search1.html
<html>
<head>
<title>search</title>
</head>
<body>
<form name="frm2" action="search11.php"method="POST">
<center>
<b><u>SEARCH AIRLINE</u></b><br>
DEPARTURE FROM:<input type="text" name="txt"><br>
ARIVAL PLACE:<input type="text" name="txt1"><br>
<input type="submit" name="Submit">
</center>
</form>
</body>
</html>
search11.php
<?php
$depfrom=$ POST['txt'];
$ariplace=$_POST['txt1'];
```

```
$con=new mysqli("localhost","fisat","fisat","fisatdb");
if($con==false)
echo "Failed to connect";
else
echo "connected\n";
$sql="select * from airline where depfrom='$depfrom' and airplace='$ariplace' ";
if($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 airline";
else
echo "\nError:could not connect";
$con->close();
output:
  AIRLINE INFORMATION SYSTEM
  Add AIRLINE DETAILS
  Search AIRLINE DETAILS
```

Enter Airline Details
AIRLINE ID: 23
AIRLINE NAME: airindia
DEPARTURE FROM: ernakulam
DEPARTURE TIME: 10
AIRIVAL TIME: 1
AIRIVAL PLACE: mumbai
Submit Query Reset
connected
New row added
TATUSTUS
SEARCH AIRLINE
DEPARTURE FROM: ernakulam
ARIVAL PLACE: mumbai
Submit Query
1 100 11 11 1 100
connected 22:airindia:ernakulam:10:2

```
MariaDB [fisatdb]> create table airline(airline_id int primary key auto_increament,airline_name varchar(20) not null,depfrom varchar(20),deptime varchar(20),airttime varchar(20),airplace varchar(20));

ERROR 1064 (42000): You have an error in your SQL syntax; check the manual that corresponds to your MariaDB server version for the right syntax to use near 'airline_name varchar(20) not null,depfrom varchar(20),deptime varchar(20),i.r...' at line 1

MariaDB [fisatdb]> create table airline(airline_id int not null primary key auto_increment,airline_name varchar(20) not null,depfrom varchar(20)not null,deptime
varchar(20)not null,airtime varchar(20)not null,airtlace varchar(20)not null);

Query OK, 0 rows affected (0.164 sec)
| Type | Null | Key | Default | Extra
  airline_id | int(11) | NO | airline_name | varchar(20) | NO | depfrom | varchar(20) | NO | deptime | varchar(20) | NO | airline | varchar(20) | NO | airplace | varchar(20) | NO |
                                         PRI | NULL
| NULL
| NULL
| NULL
| NULL
| NULL
6 rows in set (0.001 sec)
fariaDB [fisatdb]> select * from airline;
  ------
| airline_id | airline_name | depfrom | deptime | airtime | airplace |
  22 | airindia | ernakulam | 10 | 2 | mumbai |
25 | airindia | kochi | 10 | 1 | delhi |
? rows in set (0.000 sec)
/ariaDB [fisatdb]>
```