FEDERAL INSTITUTE OF SCIENCE AND TECHNOLOGY (FISAT)™

HORMIS NAGAR, MOOKKANNOOR, ANGAMALY-683577

FOCUS ON EXCELLENCE

20MCA133 WEB PROGRAMMING LAB

LABORATORY RECORD

Name: ABIMA YUGESH M

Branch: MASTER OF COMPUTER APPLICATIONS

Semester: 1 Batch: A Roll No: 05

University Register Number:FIT21MCA-2005

MARCH 2022

FEDERAL INSTITUTE OF SCIENCE AND TECHNOLOGY (FISAT)™

HORMIS NAGAR, MOOKKANNOOR, ANGAMALY-683577

FOCUS ON EXCELLENCE

CERTIFICATE

This is to certify that this is a Bonafide record of the Practical work done by ***ABIMA YUGESH M(FIT21MCA-2005)*** *in the* ***20MCA133 WEB PROGRAMMING LAB*** *Laboratory towards the partial fulfilment for the award of the Master Of Computer Applications during the academic year 2021-2022.*

Signature of Staff in Charge

Name:

Signature of H O D

Name:

Date of University practical examination ……

Signature of
Internal Examiner

Signature of
External Examiner

CONTENT

13	**17/01/2021**	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	**50**	
14	**17/01/2021**	Using PHP and MySQL, develop a program to collect airline details and display all the airlines between a particular source and destination.	**55**	

EXPERIMENT NO-1

AIM

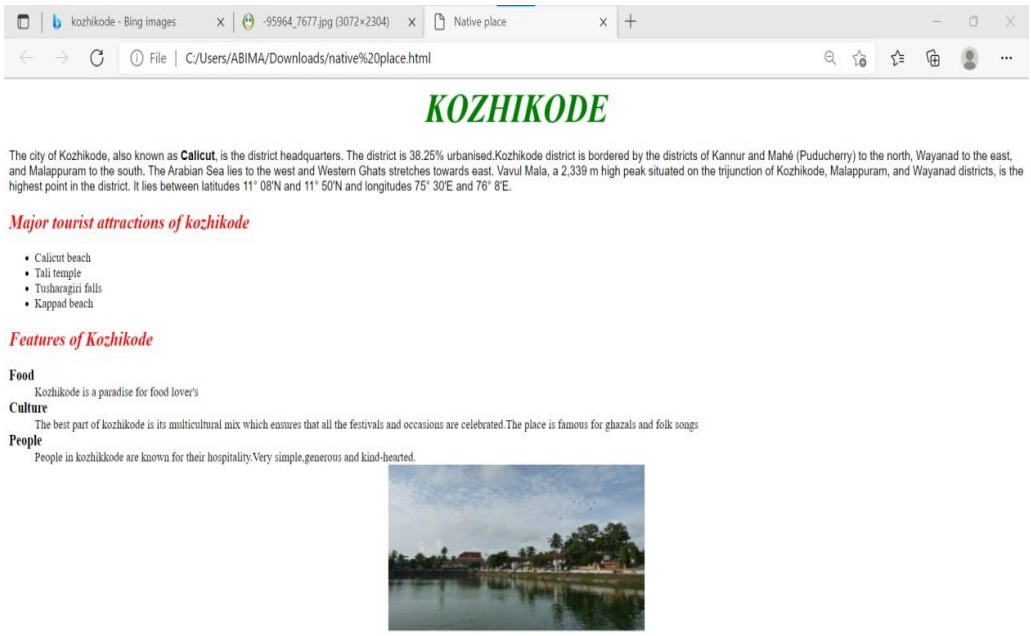
Model a simple HTML file related to your native place to demonstrate the usage of different tags

PROGRAM CODE

```
<html>
<head> <title>Native place</title> </head>

<h1 align="center"><b><i><font color="green"
size="7">KOZHIKODE</b></i></font></h1>

<p align="40%"><font face="arial">The city of Kozhikode, also known as
<b>Calicut</b>, is the district headquarters. The district is 38.25%
urbanised.Kozhikode district is bordered by the districts of Kannur and Mahé
(Puducherry) to the north, Wayanad to the east, and Malappuram to the south. The
Arabian Sea lies to the west and Western Ghats stretches towards east. Vavul Mala, a
2,339 m high peak situated on the trijunction of Kozhikode, Malappuram, and
Wayanad districts, is the highest point in the district. It lies between latitudes 11° 08'N
and 11° 50'N and longitudes 75° 30'E and 76° 8'E.</font></p>

<h2 align="left"><font color="red"><em>Major tourist attractions of
kozhikode</font></em></h1>

<ul> <li>Calicut beach</li>

<li>Tali temple</li>

<li>Tusharagiri falls</li>

<li>Kappad beach</li> </ul>

<h2 align="left"><em><font color="red">Features of

Kozhikode</em></font></h2> <dl>

<dt><font size="4"  weight="500"><strong>Food</font></strong></dt>

<dd>Kozhikode is a paradise for food lover's</dd>

<dt><font size="4" f weight="500"><strong>Culture</strong></font></dt>

<dd>The best part of kozhikode is its multicultural mix which ensures that all the
festivals and occasions are celebrated.The place is famous for ghazals and folk
songs</dd>

<dt><font size="4" weight="500"><strong>People</strong></font></dt>

<dd>People in kozhikkode are known for their hospitality.Very simple,generous and
kindhearted.</dd>
```

```
<center><img src="C:\Users\ABIMA\Downloads\kozhik.jpg"  width="400px" height="200px" alt="kozhikode"></center> </body> </html>
```

OUTPUT



EXPERIMENT NO-2

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

PROGRAM CODE

BIODATA

```
<html>
<head>
<title>BIODATA</title>
</head>
<frameset cols="200,*">
<frame name="frame1" src="/home/stud/abima/frame1.html">
<frame name="frame2" src="/home/stud/abima/frame2.html">
</frameset>
```

FRAME 1

```
<html><head></head>
<body><a href="/home/stud/abima/personaldetails.html"
target="frame2">PERSONAL DETAILS </a>

<a href="/home/stud/abima/qualification.html" target="frame2">QUALIFICATION
DETAILS</a>

<a href="/home/stud/abima/skills.html"
target="frame2">SKILLS</a>

</body></html>
```

FRAME 2

```
<html><head><title>biodata</title></head>

<body><h1 align="center" size="400">BIODATA</h1>

</body></html>
```

PERSONAL DETAILS

```
<html><head><title>Personal details</title></head>

<body><font size="5" color="green">

<center><img src="/home/stud/abima/images.jpeg" width="100"
height="100"> </img></center>

<ul><li>NAME:ABIMA YUGESH M</li>

<li>DOB:11/06/1999</li>
```

```
<li>Address:Aayilyam kakkodi Calicut</li>

<li>MOBILE:8890564767</li>

<li>Email:abimauyt@gmail.com</li>

<li>Nationality:Indian</li>

<li>Height:170cm</li>

<li>Weight:60kg</li>

<li>Languages known:Hindi,Malayalam,English</li>

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

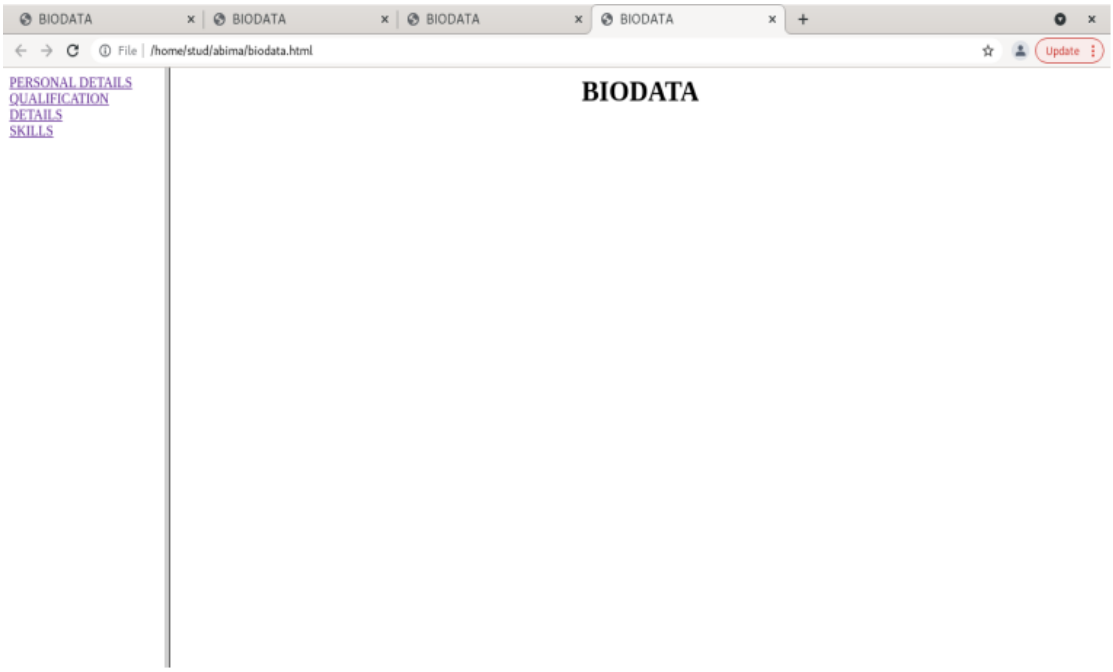
QUALIFICATION DETAILS

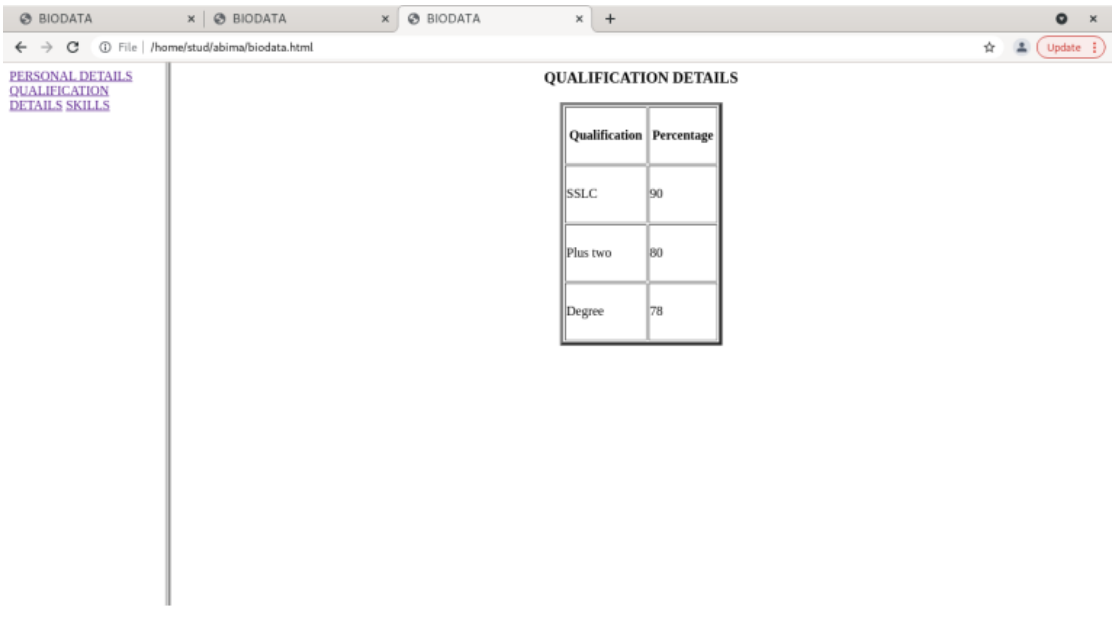
```
<html><head><title>QUALIFICATION DETAILS</title></head>

 <body><h3 align="center" color="red">QUALIFICATION
DETAILS</h3>

<table border="4" align="center"color="grey" width="200"
height="300">

<tr><th>Qualification</th>

 <th>Percentage</th></tr>

<tr><td>SSLC</td> <td>90</td>

</tr>
<tr> <td>Plus two </td> <td>80</td>
</tr>
<tr> <td>Degree</td><td>78</td></tr>
</table></body></html>
```

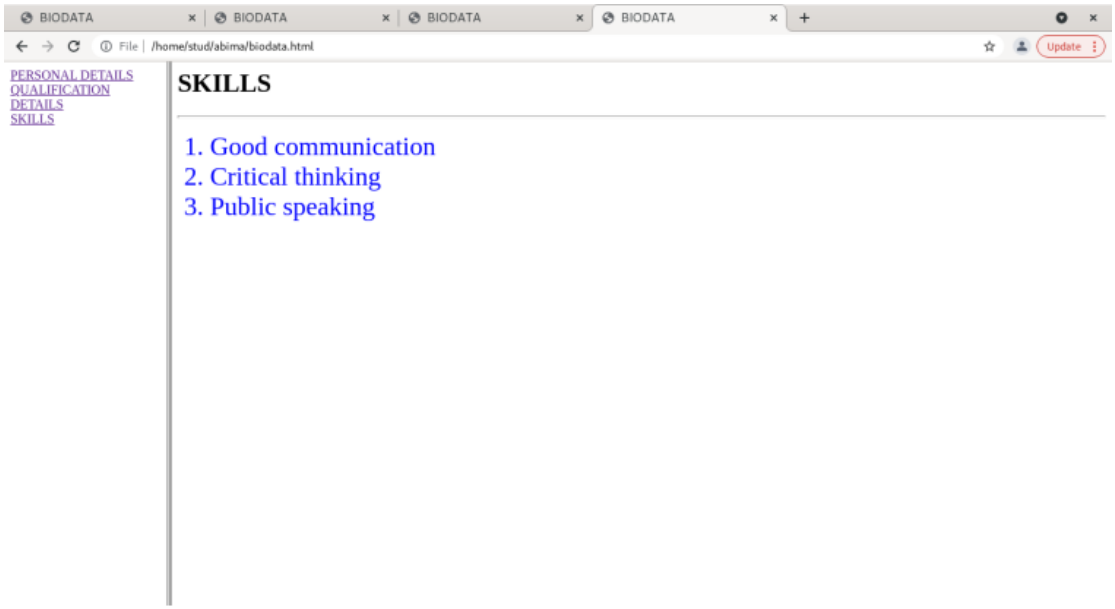
SKILLS

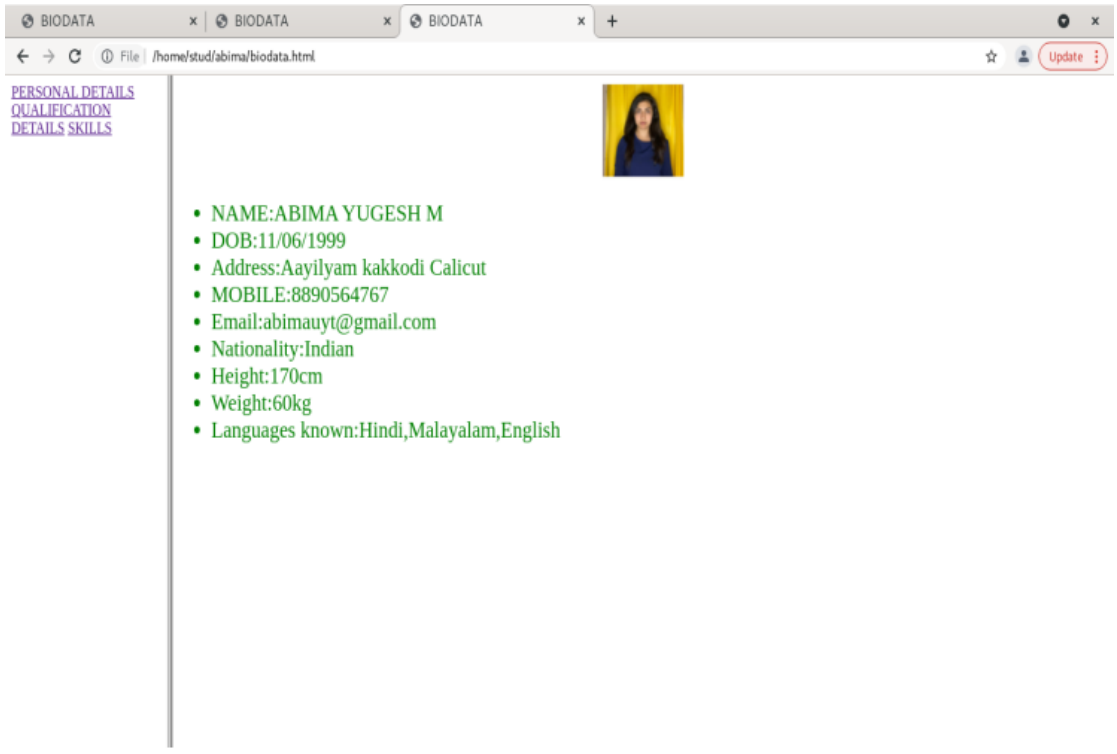
```
<html><head><title>Skills</title></head>

<h1 align="left" color="grey">SKILLS</h1>

<hr align="left" size="4"></hr>

<ol><font color="blue" size="6">

<li>Good communication</li>

<li>Critical thinking</li>

<li>Public speaking</li>

</font></ol>

</body></htm>
```

OUTPUT


BIODATA
BIODATA
BIODATA
BIODATA
File | /home/stud/abima/biodata.html
Update
PERSONAL DETAILS
QUALIFICATION
DETAILS
SKILLS
BIODATA


BIODATA
BIODATA
BIODATA
File | /home/stud/abima/biodata.html
Update
PERSONAL DETAILS
QUALIFICATION
DETAILS SKILLS
QUALIFICATION DETAILS
Qualification
Percentage
SSLC
90
Plus two
80
Degree
78


BIODATA
BIODATA
BIODATA
BIODATA
File | /home/stud/abima/biodata.html
Update
PERSONAL DETAILS
QUALIFICATION
DETAILS
SKILLS
SKILLS
1. Good communication
2. Critical thinking
3. Public speaking


BIODATA
BIODATA
BIODATA
File | /home/stud/abima/biodata.html
Update
PERSONAL DETAILS
QUALIFICATION
DETAILS SKILLS
• NAME:ABIMA YUGESH M
• DOB:11/06/1999
• Address:Aayilyam kakkodi Calicut
• MOBILE:8890564767
• Email:abimauyt@gmail.com
• Nationality:Indian
• Height:170cm
• Weight:60kg
• Languages known:Hindi,Malayalam,English

EXPERIMENT NO-3

AIM

Create an application form for MCA course in FISAT.

PROGRAM CODE

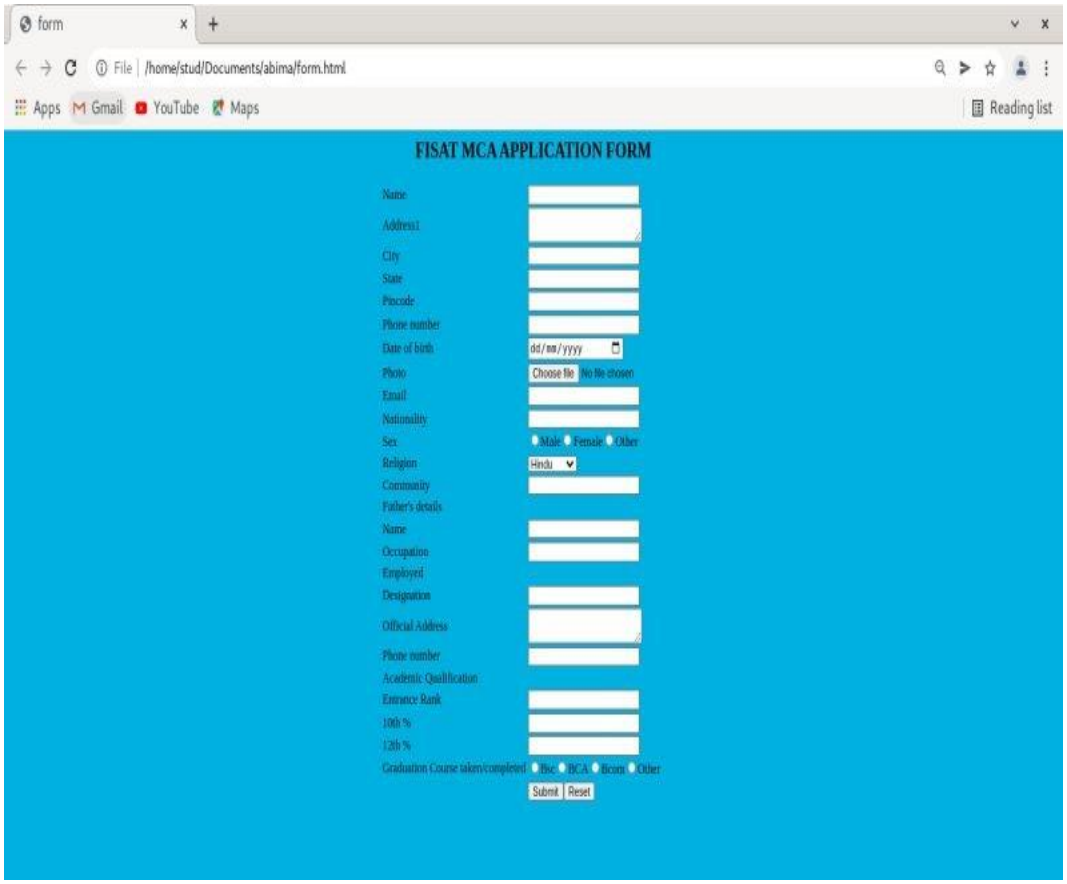
```
<html><head><title>form</title></head>
<body bgcolor="sky blue" align="center" font color="grey">
<h2><font color="black">FISAT MCA APPLICATION FORM</font></h2>
<form><table align="center">
<tr><td>Name</td>
<td><input type="textfield"></td></tr>
<tr><td>Address1</td>
<td><textarea></textarea></td></tr>
<tr><td>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>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 selected>Hindu
<option>Christian
<option>Muslim
</select></td>
</tr>
<tr>
<td>Community</td>
<td><input type="textfield"></td>
</tr>
<tr>
<td>Father's details
</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>
<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>Academic Qualification
</tr>
<tr>
<td>Entrance Rank</td>
<td><input type="textfield"></td>
</tr>
<tr>
<td>10th %</td>
<td><input type="textfield"></td>
</tr>
<tr>
<td>12th %</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

NAVIGATION FRAME

```
<html> <head> <title>NAVIGATION FRAME</title>

</head>

<frameset cols="200,*">

<frame name="frame1"

src="C:\Users\ABIMA\Downloads\frame1.html"> <frame

name="frame2" src="C:\Users\ABIMA\Downloads\frame2.html">

</frameset>
```

FRAME 1

```
<html> <head> </head> <body> <div><a href="C:\Users\ABIMA\Downloads\native place.html" target="frame2">Native place </a></div> <a href="C:\Users\ABIMA\Downloads\koz.html" target="frame2">Image</a> </body> </html>
```

FRAME 2

```
<html>

<head> <title>NATIVE PLACE</title>

</head> <body> <h1 align="center" size="400">NATIVE PLACE

</h1> </body>

</html>
```

NATIVE PLACE

```
<html>

<head>

<title>Native place</title>
```

```
</head>

<h1 align="center"><b><i><font color="green"
size="7">KOZHIKODE</b></i></font></h1>

<p align="40%"><font face="arial">The city of Kozhikode, also known as
<b>Calicut</b>, is the district headquarters. The district is 38.25%
urbanised.Kozhikode district is bordered by the districts of Kannur and Mahé
(Puducherry) to the north, Wayanad to the east, and Malappuram to the south. The
Arabian Sea lies to the west and Western Ghats stretches towards east. Vavul Mala, a
2,339 m high peak situated on the trijunction of Kozhikode, Malappuram, and
Wayanad districts, is the highest point in the district. It lies between latitudes 11° 08'N
and 11° 50'N and longitudes 75° 30'E and 76° 8'E.</font></p>

<h2 align="left"><font color="red"><em>Major tourist attractions of
kozhikode</font></em></h1>

<ul>

<li>Calicut beach</li>

<li>Tali temple</li>

<li>Tusharagiri falls</li>

<li>Kappad beach</li>

</ul>

<h2 align="left"><em><font color="red">Features of

Kozhikode</em></font></h2> <dl>

<dt><font size="4"  weight="500"><strong>Food</font></strong></dt>

<dd>Kozhikode is a paradise for food lover's</dd>

<dt><font size="4" f weight="500"><strong>Culture</strong></font></dt>

<dd>The best part of kozhikode is its multicultural mix which ensures that all the
festivals and occasions are celebrated.The place is famous for ghazals and folk
songs</dd>

<dt><font size="4" weight="500"><strong>People</strong></font></dt>

<dd>People in kozhikkode are known for their hospitality.Very simple,generous and
kindhearted.</dd>

</body>

</html>
```

IMAGE

<html> <head>

</head> <body>

</body></html>

FLOATING FRAME

<html>

<head> <title>Floating</title>

</head> <body> <iframe src="C:\Users\ABIMA\Downloads\kozhi.jpg" width="600" height="400">

</iframe> </body></html>

MIXED FRAME

<html>

<head><title>Mixed frame</title>

</head>

<frameset cols="25%,*" scrollings="no" noresize>

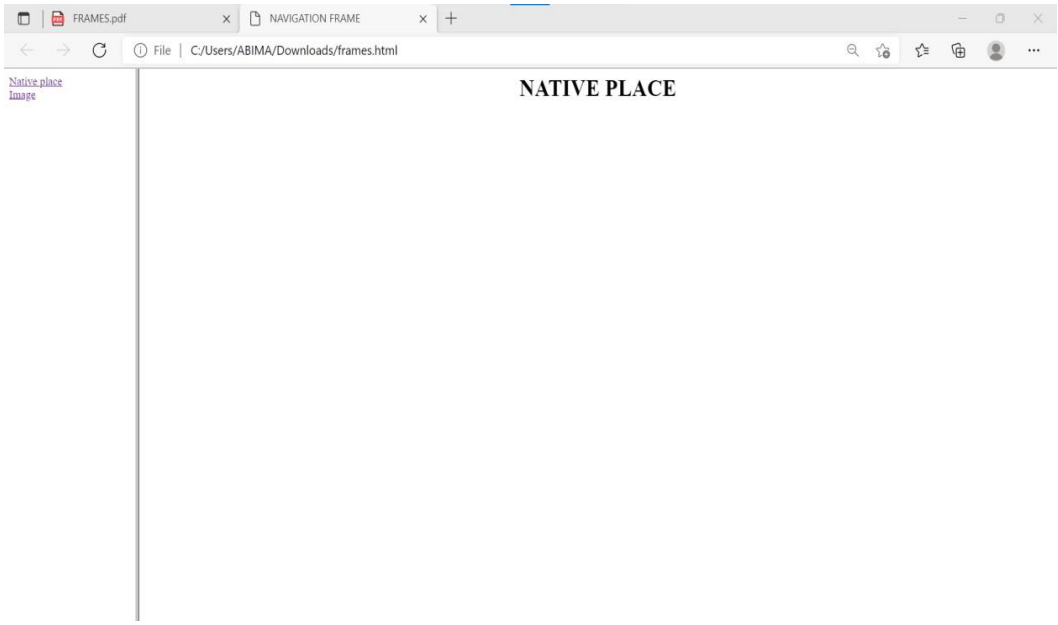
<frame name="index.jpeg" src="/home/stud/abima/index.jpeg"></frame>

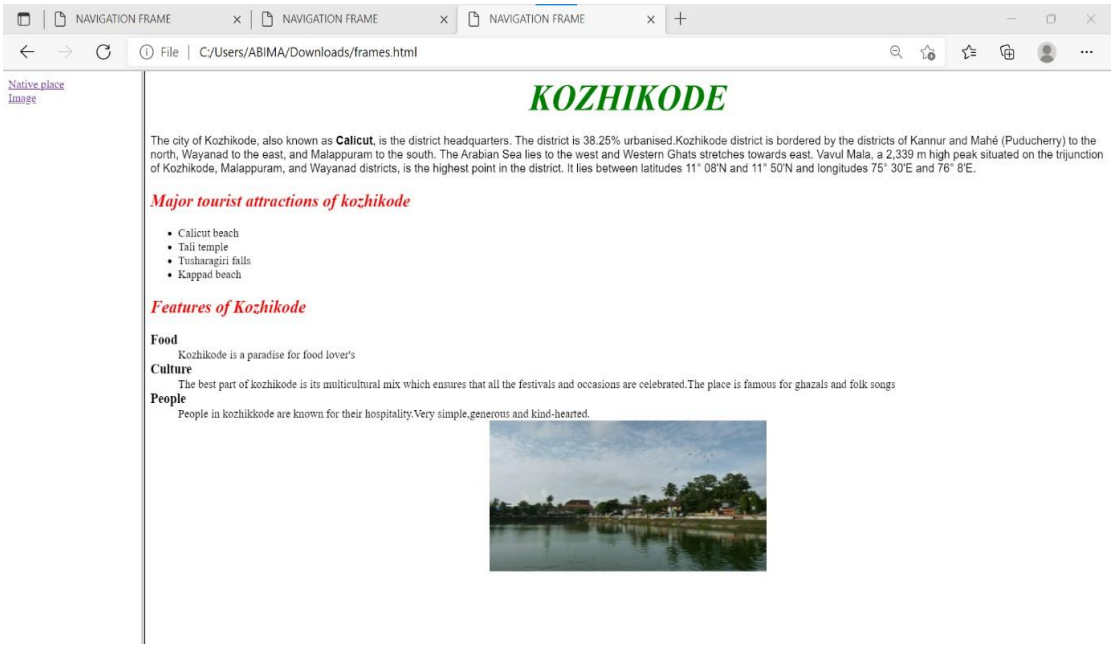
<frameset rows="50%,*" scrollings="no" noresize>

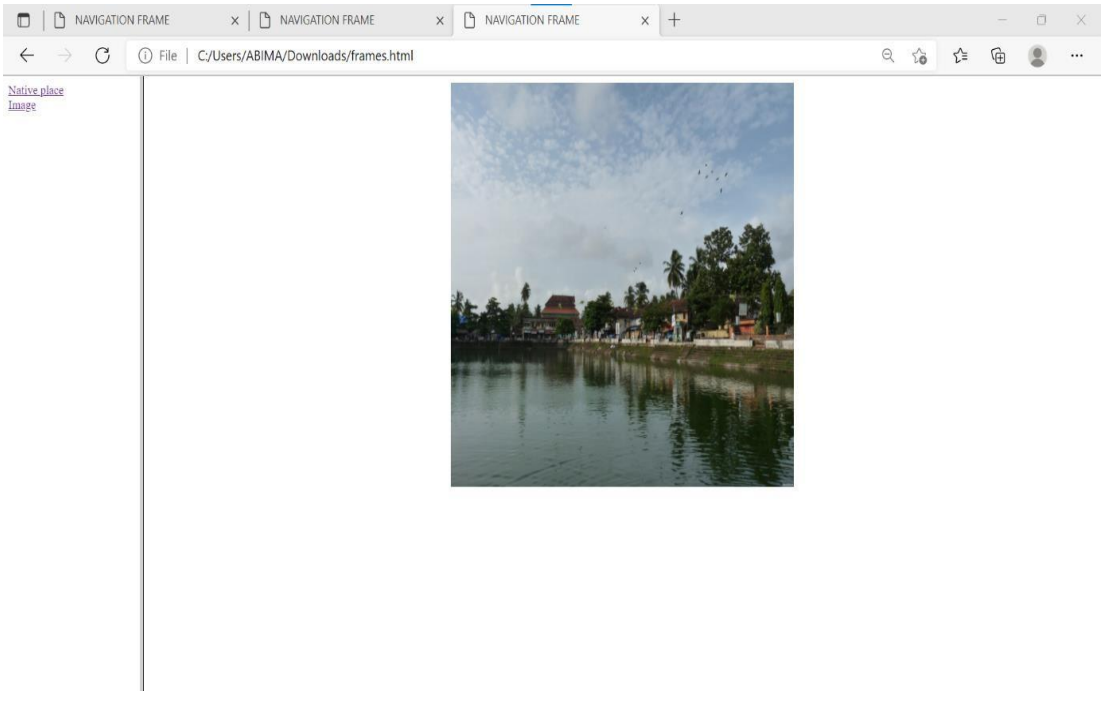
<frame name="index1.jpeg" src="/home/stud/abima/index1.jpeg"></frame>

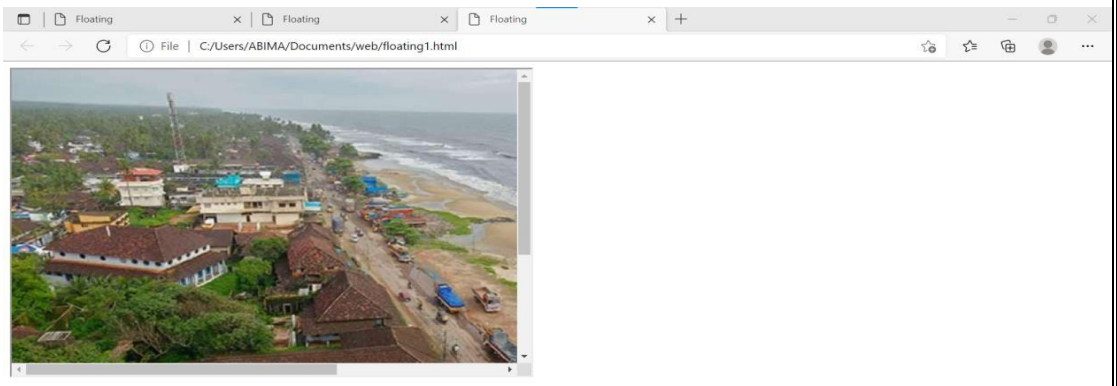
<frame name="7.jpeg" src="/home/stud/abima/7.jpeg"></frame> </frameset>

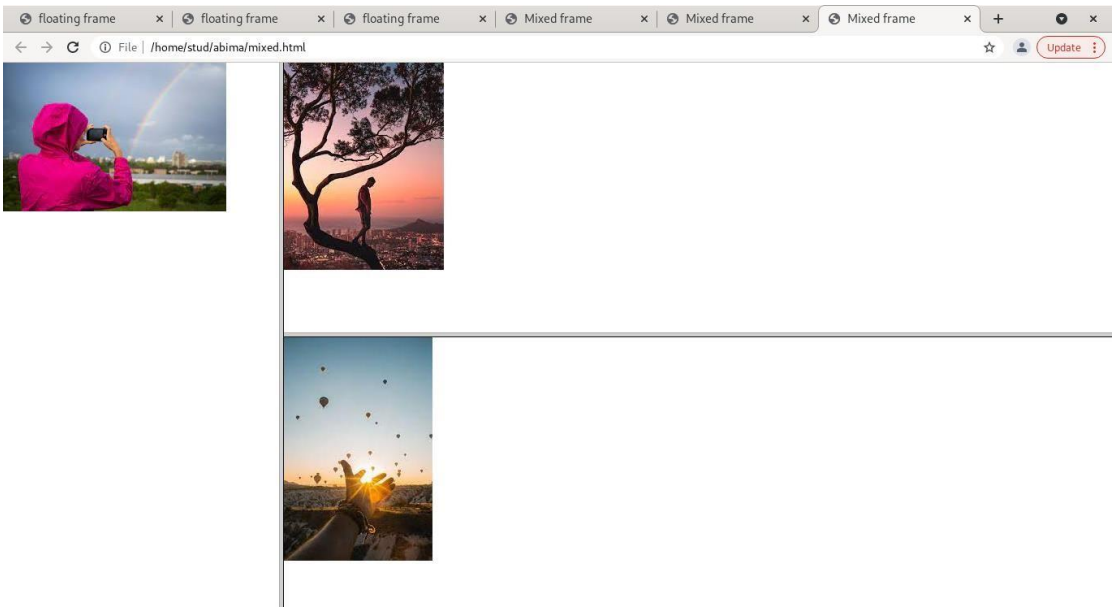
OUTPUT




NAVIGATION FRAME
NAVIGATION FRAME
NAVIGATION FRAME
File | C:/Users/ABIMA/Downloads/frames.html
Native place
Image
KOZHIKODE
The city of Kozhikode, also known as Calicut, is the district headquarters. The district is 38.25% urbanised.Kozhikode district is bordered by the districts of Kannur and Mahé (Puducherry) to the north, Wayanad to the east, and Malappuram to the south. The Arabian Sea lies to the west and Western Ghats stretches towards east. Vavul Mala, a 2,339 m high peak situated on the trijunction of Kozhikode, Malappuram, and Wayanad districts, is the highest point in the district. It lies between latitudes 11° 08'N and 11° 50'N and longitudes 75° 30'E and 76° 8'E.
Major tourist attractions of kozhikode
Calicut beach
Tali temple
Tusharagiri falls
Kappad beach
Features of Kozhikode
Food
Kozhikode is a paradise for food lover's
Culture
The best part of kozhikode is its multicultural mix which ensures that all the festivals and occasions are celebrated.The place is famous for ghazals and folk songs
People
People in kozhikkode are known for their hospitality.Very simple,generous and kind-hearted.


NAVIGATION FRAME
NAVIGATION FRAME
NAVIGATION FRAME
File | C:/Users/ABIMA/Downloads/frames.html
Native place
Image


Floating
Floating
Floating
File | C:/Users/ABIMA/Documents/web/floating1.html


floating frame
floating frame
floating frame
Mixed frame
Mixed frame
Mixed frame
File | /home/stud/abima/mixed.html
Update

EXPERIMENT NO-5

AIM

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

PROGRAM CODE

INLINE STYLE

```
<html>
<head>
<title>Inline style</title>
<body style="background-color:pink;">
<h1 style="margin-left:30px; color:red; font family=sans-serif;">FUTILE</h1>
<p style="font-size:20px; color:green; font family:arial;">Incaple of producing any useful result pointless</p> </body>
</head>  </html>
```

INTERNAL STYLE

```
<html>
<head>
<title>internal style</title> </head>
<style type="text/css"> h1
{
font-size:50px;
font-style:arial;
margin-left:20px;
color:brown;
}
body
{
background-color:linen;
}
p
{
```

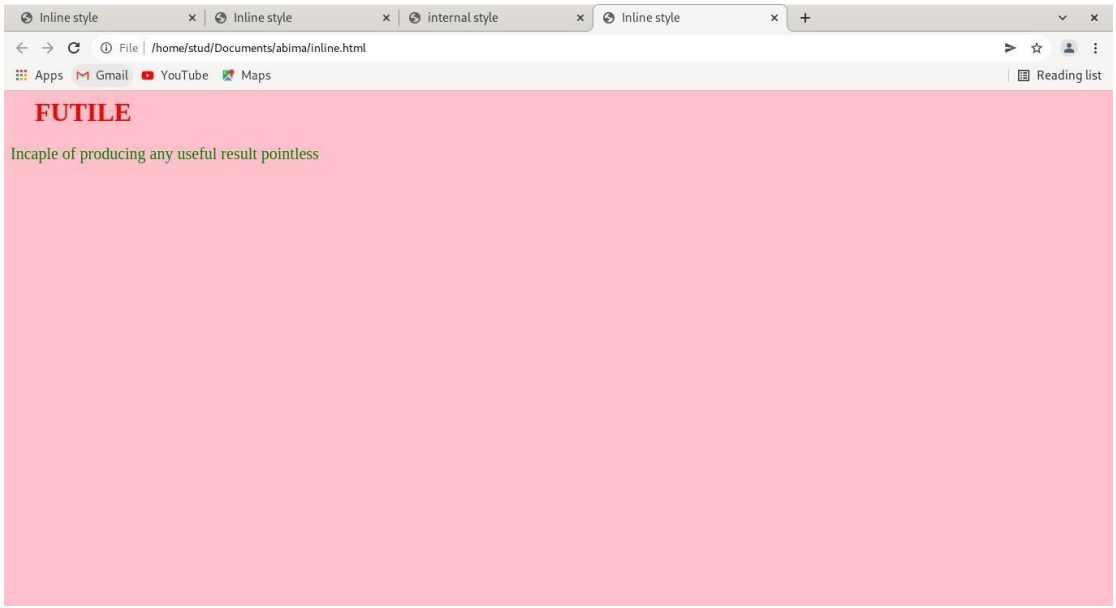
```
font-size:20px;
fontfamily:verdana;
color:blue;
}
</style>
<body>
<h1>FUTILE</h1>
<p>Incaple of producing any useful result;pointless.</p>
</body>
</html>
```

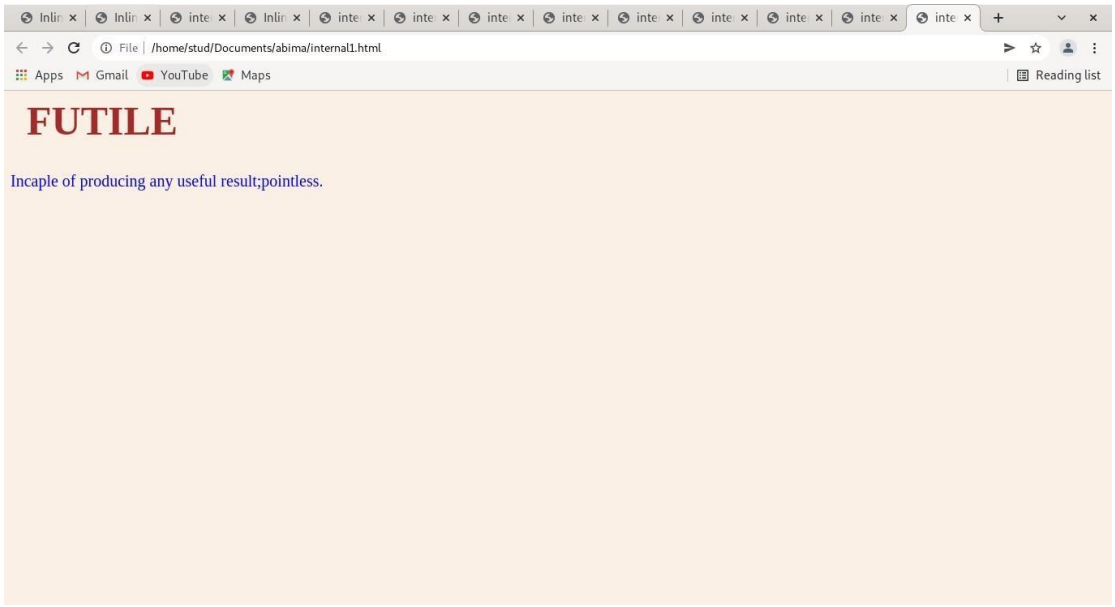
EXTERNAL STYLE

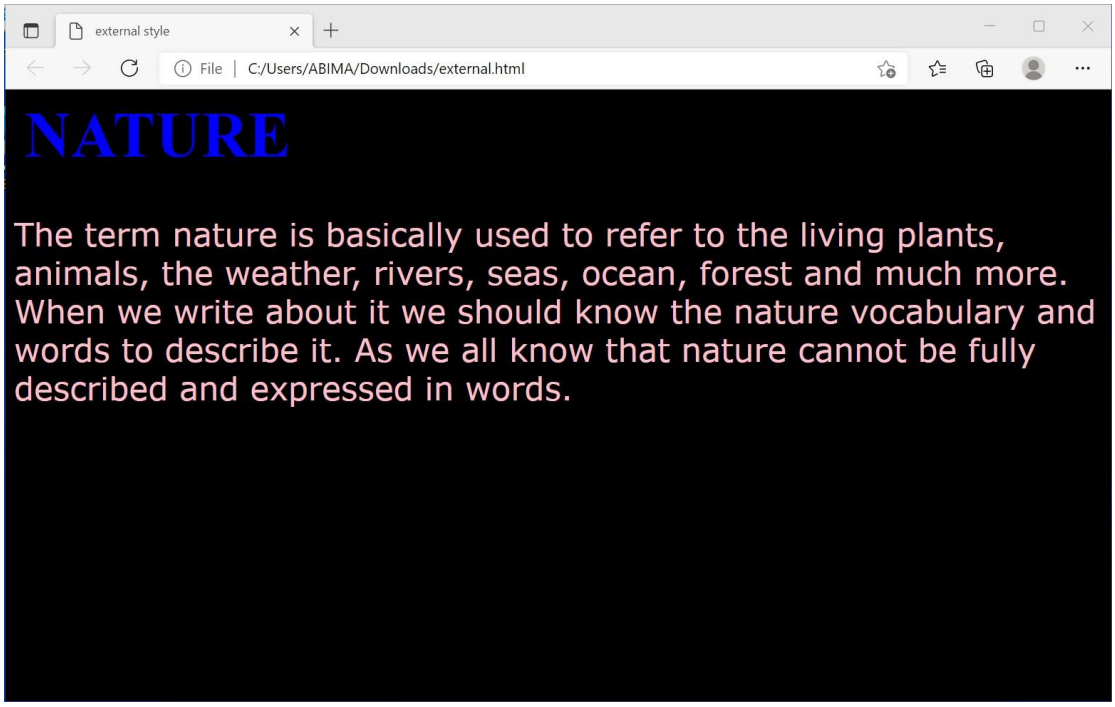
```
h1{
font-size:6px;
font-style:arial; margin-left:10px;color:blue;
}
body
{
background-color:#000;
}
p{
font-
size:30p;
font-
family:ve
rdana;
color:pin
k;
}
 <html><head>
<title>external style</title>
</head>
```

```
<link rel="stylesheet" href="./style1.css">
<body>
<h1>NATURE</h1>
<p> The term nature is basically used to refer to the living plants, animals, the weather, rivers, seas, ocean, forest and much more. When we write about it we should know the nature vocabulary and words to describe it. As we all know that nature cannot be fully described and expressed in words. </p>
</body>
</html>
```

OUTPUT




File | /home/stud/Documents/abima/internal1.html
Apps
Gmail
YouTube
Maps
Reading list
FUTILE
Incaple of producing any useful result;pointless.


external style
File | C:/Users/ABIMA/Downloads/external.html
NATURE
The term nature is basically used to refer to the living plants, animals, the weather, rivers, seas, ocean, forest and much more. When we write about it we should know the nature vocabulary and words to describe it. As we all know that nature cannot be fully described and expressed in words.

EXPERIMENT NO-6

AIM

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

PROGRAM CODE

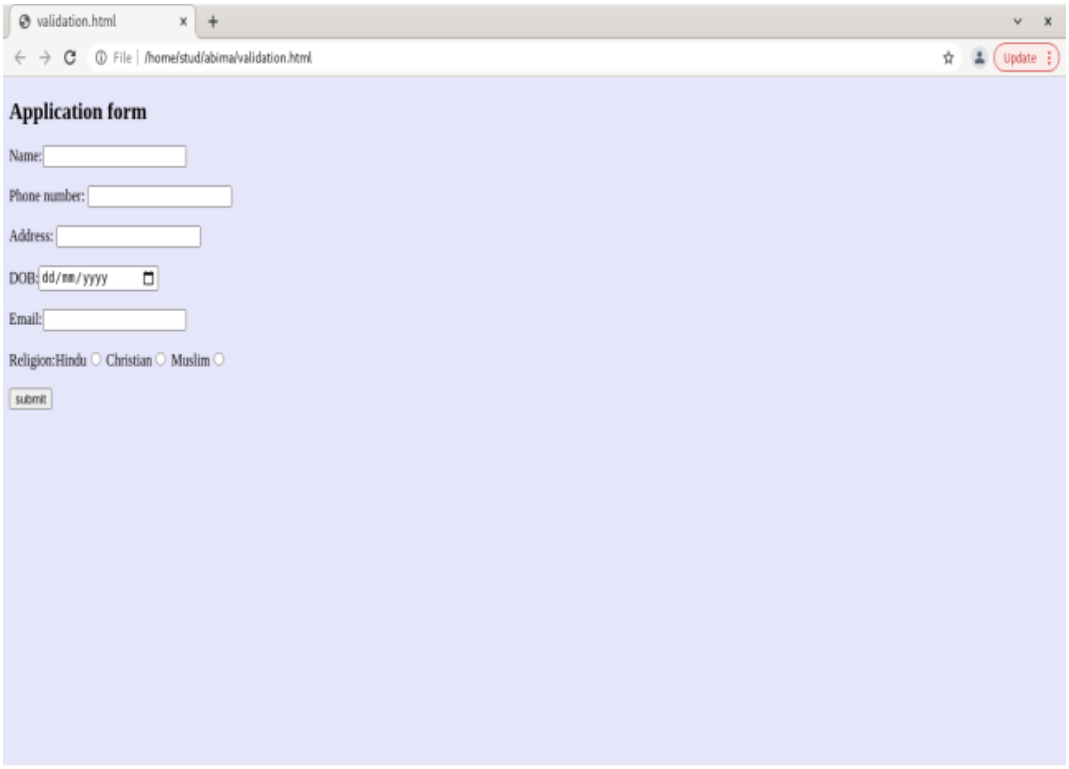
```
<!DOCTYPE html>

<html><head><script>

function validateForm() {

  let x =
document.forms["myForm"]["fname"].val
ue;   if (x == "") {

    alert("Name must be filled out");}

  let y=document.forms["myForm"]["phone
number"].value;     if(y ==""){

    alert("Number must be filled out");}

   let
z=document.forms["myForm"]["address"].value;
if(z==""){

    alert("Address must be filled
out");}     let
a=document.forms["myForm"]["dob"]
.value;    if(a==""){

    alert("Date of birth must be filled
out");}      let
b=document.forms["myForm"]["email"].
value;    if(b==""){

    alert("Email must be filled out");}

    let
c=document.forms["myForm"]["name"].value;
if(c==""){

    alert("Religion must be filled out");}

    return false;

    }

</script>

</head>
```

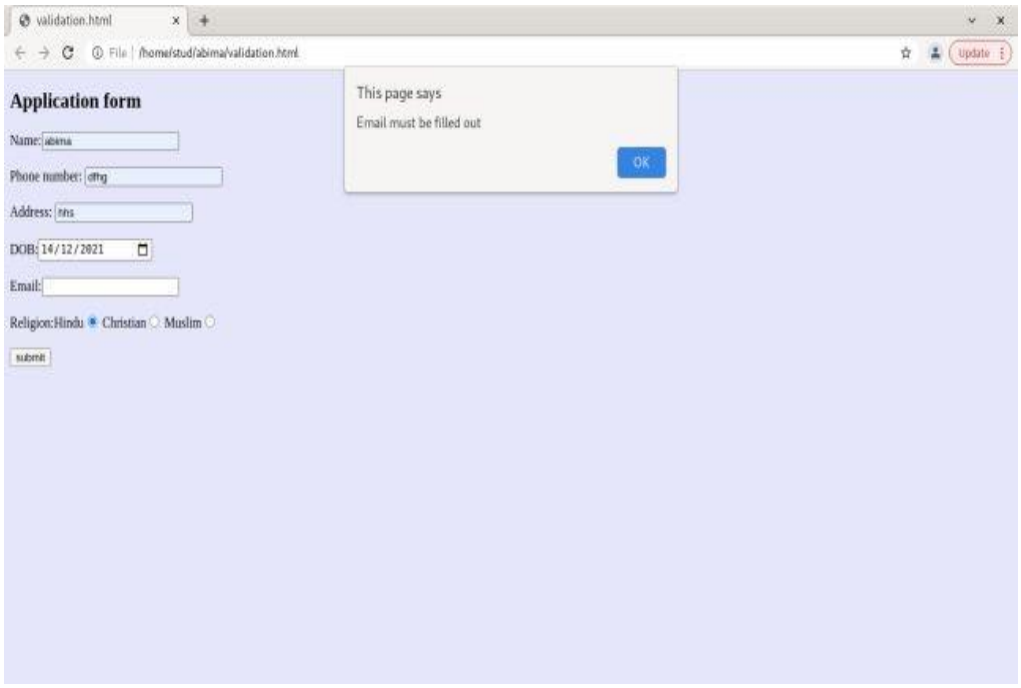
```
<body bgcolor="lavender">

<h2>Application form</h2>

<form name="myForm" action="submit.html" onsubmit="return validateForm()"
method="post"> Name:<input type="text" name="fname"><br><br>

 Phone number: <input type="textfield" name="phone
number"><br> <br>

 Address: <input type="textarea" name="address"><br>

 <br>

 DOB:<input type="date" name="dob"><br>

 <br>

 Email:<input type="email" name="email"><br>

 <br>

Religion:Hindu<input type="radio" name="religion" value="Hindu"></input>

Christian<input type="radio" name="religion" value="Christian"></input>

Muslim<input type="radio" name="religion"
value="Muslim"></input><br> <br>

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

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

SUBMIT PAGE

```
<html>

<head><title>submit</title>

</head>

<body>

<h1>sucessfully submitted</h1>

</body>

</html>
```

OUTPUT


validation.html
File | /home/stud/abima/validation.html
Update
Application form
Name:
Phone number:
Address:
DOB: dd/mm/yyyy
Email:
Religion:Hindu Christian Muslim
submit


validation.html
File | /home/stud/abima/validation.html
Update
Application form
Name: abima
Phone number: dfhg
Address: hhs
DOB: 14/12/2021
Email:
Religion:Hindu Christian Muslim
submit
This page says
Email must be filled out
OK

EXPERIMENT NO-7

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,toUppercase,toLowercase,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)

PROGRAM CODE

```
<html>
<head><title>String</title>
 <script> function count2(){ text1="nature"; len=text1.length; alert(len);
}
function str1(){
str2="aleena";
part=str2.slice(0,3);
alert(part);
}
function sub1(){
str3="aleena";
part=str3.substring(0,5);
alert(part);
}
function subb(){
str4="Apple,Banana,kiwi,";
part=str4.substr(5,7);
alert(part);
}
function replace(){
text = "how are you Microsoft"; part =
text.replace("Microsoft", "W3Schools");
alert(part);
```

```
}
function touppercase(){
text1 = "hello";  text2 =
text1.toUpperCase();
alert(text2);
 }
 function tolowercase(){
text1 = "HELLO";  text2
= text1.toLowerCase();
alert(text2);
 }
 function concat(){  text1 =
"Hai";  text2 = "Abima";
text3 = text1.concat(" ",
text2); alert(text3);
}
function trim(){ text1
= "      HaiAbima      ";
text2 = text1.trim();
alert(text2);
 }
 function char1(){
 text = "HELLO
ABIMA";  char =
text.charAt(0);
alert(char);
 }
 function convert(){
text="Apple/orange/kiwi";
text1=text.split("/");
alert(text1);
}
```

```
function index(){
str = "Have a nice
day";
part=str.indexOf("ni
ce"); alert(part);
}
function search(){
str = "Have a nice
day";
part=str.search("da
y"); alert(part);
}
function include(){
text = "Have a nice
day";
part=text.includes("ni
ce"); alert(part);
}
function round(){
fun=Math.round(4.7); alert(fun);

}
function ceil(){
fun1=Math.ceil(5.5);
alert(fun1);
}
function floor(){
fun2=Math.floor(-4.2);
alert(fun2);
}
function trunc(){
fun3=Math.trunc(7.6);
alert(fun3);
```

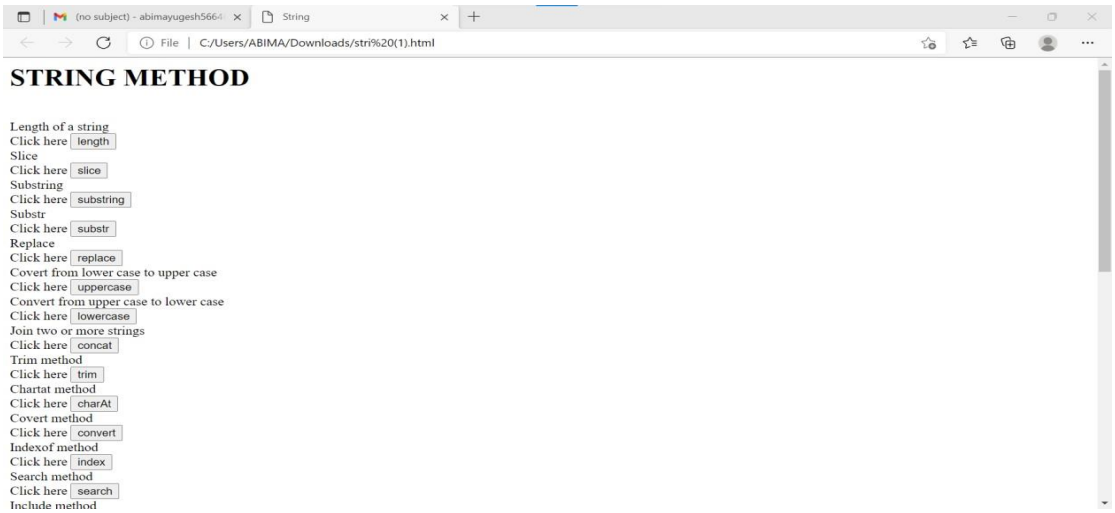
```
}
function sign(){
fun4=Math.sign(-8);
alert(fun4);
}
function pow(){
fun5=Math.pow(10,2);
alert(fun5);
}
function sqrt(){
fun6=Math.sqrt(169);
alert(fun6);
}
function abs(){
fun7=Math.abs(-5.6);
alert(fun7);
}
function sin(){
fun8=Math.sin(60*Math.PI/180);
alert(fun8);
}
function cos(){
fun9=Math.cos(30*Math.PI/180);
alert(fun9);
}
function min1(){ fun10=Math.min(-
22,45,-6); alert(fun10);
}
function max1(){ fun11=Math.max(-9,45,-
2,0,34,123); alert(fun11);
}
```

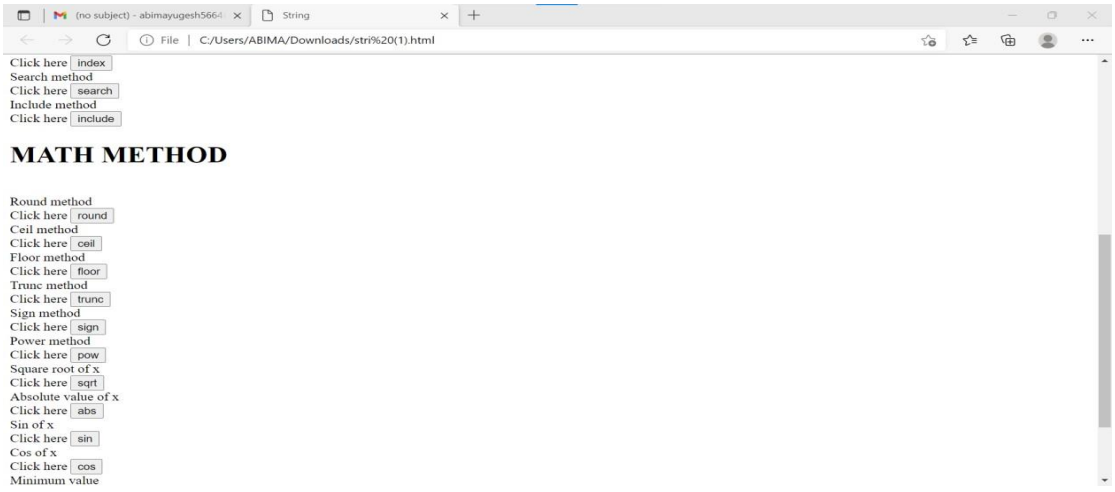
```
function random(){
fun12=Math.random();
alert(fun12);
}
function log(){
fun13=Math.log(3);
alert(fun13);

}
</script>
</head>
<body><h1 color="green">STRING METHOD</h1><br>
Length of a string<br>Click here
<input type="button" onclick="count2()" value="length"><br>
Slice<br>Click here
<input type="button" onclick="str1()" value="slice"><br>
Substring<br>Click here
<input type="button" onclick="sub1()" value="substring"><br>
Substr<br>Click here
<input type="button" onclick="subb()" value="substr"><br>
Replace<br>Click here
<input type="button" onclick="replace()" value="replace"><br>
Covert from lower case to upper case<br>Click here
<input type="button" onclick="touppercase()" value="uppercase"><br>
Convert from upper case to lower case<br>Click here
<input type="button" onclick="tolowercase()" value="lowercase"><br>
Join two or more strings<br>Click here
<input type="button" onclick="concat()" value="concat"><br>
Trim method<br>Click here
<input type="button" onclick="trim()" value="trim"><br>
Chartat method<br>Click here
```

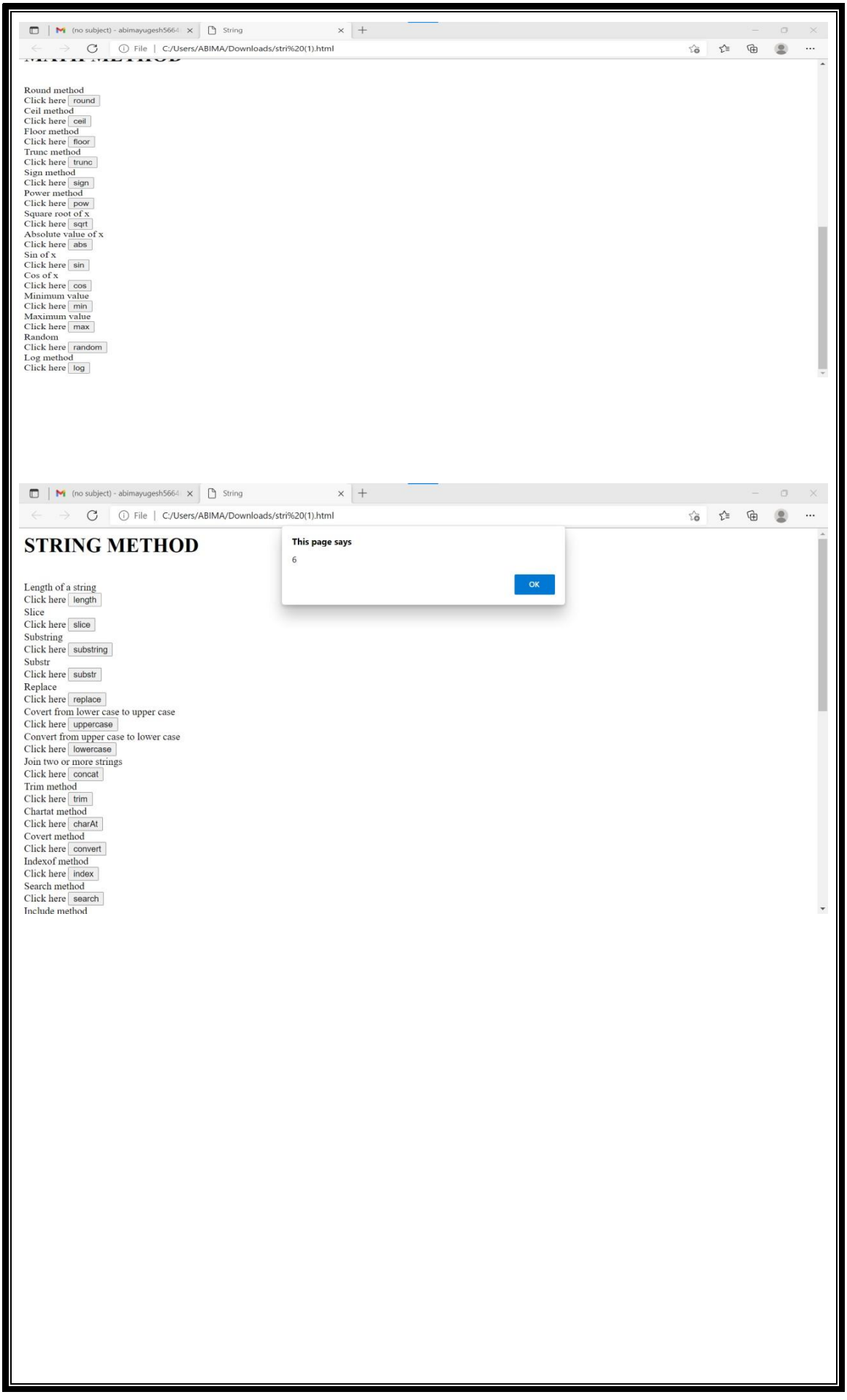
```
<input type="button" onclick="char1()" value="charAt"><br>
Covert method<br>Click here
<input type="button" onclick="convert()" value="convert"><br>
Indexof method<br>Click here
<input type="button" onclick="index()" value="index"><br>
Search method<br>Click here
<input type="button" onclick="search()" value="search"><br>
Include method<br>Click here
<input type="button" onclick="include()" value="include"><br><h1
color="blue">MATH METHOD</h1><br>
Round method<br>Click here
<input type="button" onclick="round()" value="round"><br>
Ceil method<br>Click here
<input type="button" onclick="ceil()" value="ceil"><br>
Floor method<br>Click here
<input type="button" onclick="floor()" value="floor"><br>
Trunc method<br>Click here
<input type="button" onclick="trunc()" value="trunc"><br>
Sign method<br>Click here
<input type="button" onclick="sign()" value="sign"><br>
Power method<br>Click here
<input type="button" onclick="pow()" value="pow"><br>
Square root of x<br>Click here
<input type="button" onclick="sqrt()" value="sqrt"><br>
Absolute value of x<br>Click here
<input type="button" onclick="abs()" value="abs"><br>
Sin of x<br>Click here
<input type="button" onclick="sin()" value="sin"><br>
Cos of x<br>Click here
<input type="button" onclick="cos()" value="cos"><br>
Minimum value<br>Click here
```

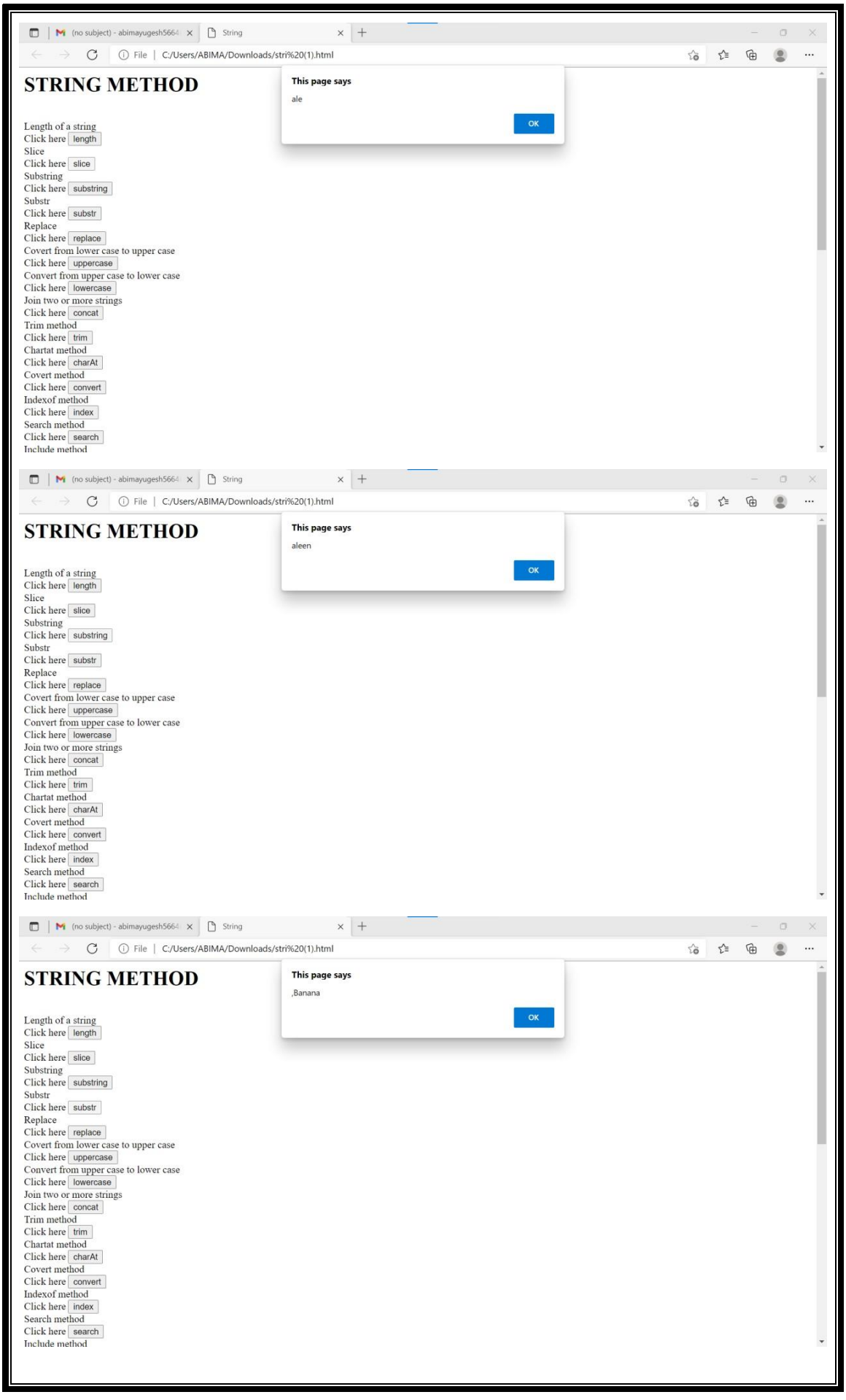
```
<input type="button" onclick="min1()" value="min"><br>
Maximum value<br>Click here
<input type="button" onclick="max1()" value="max"><br>
Random<br>Click here
<input type="button" onclick="random()" value="random"><br>
Log method<br>Click here
<input type="button" onclick="log()"    value="log"><br>
</body>
</html>
```

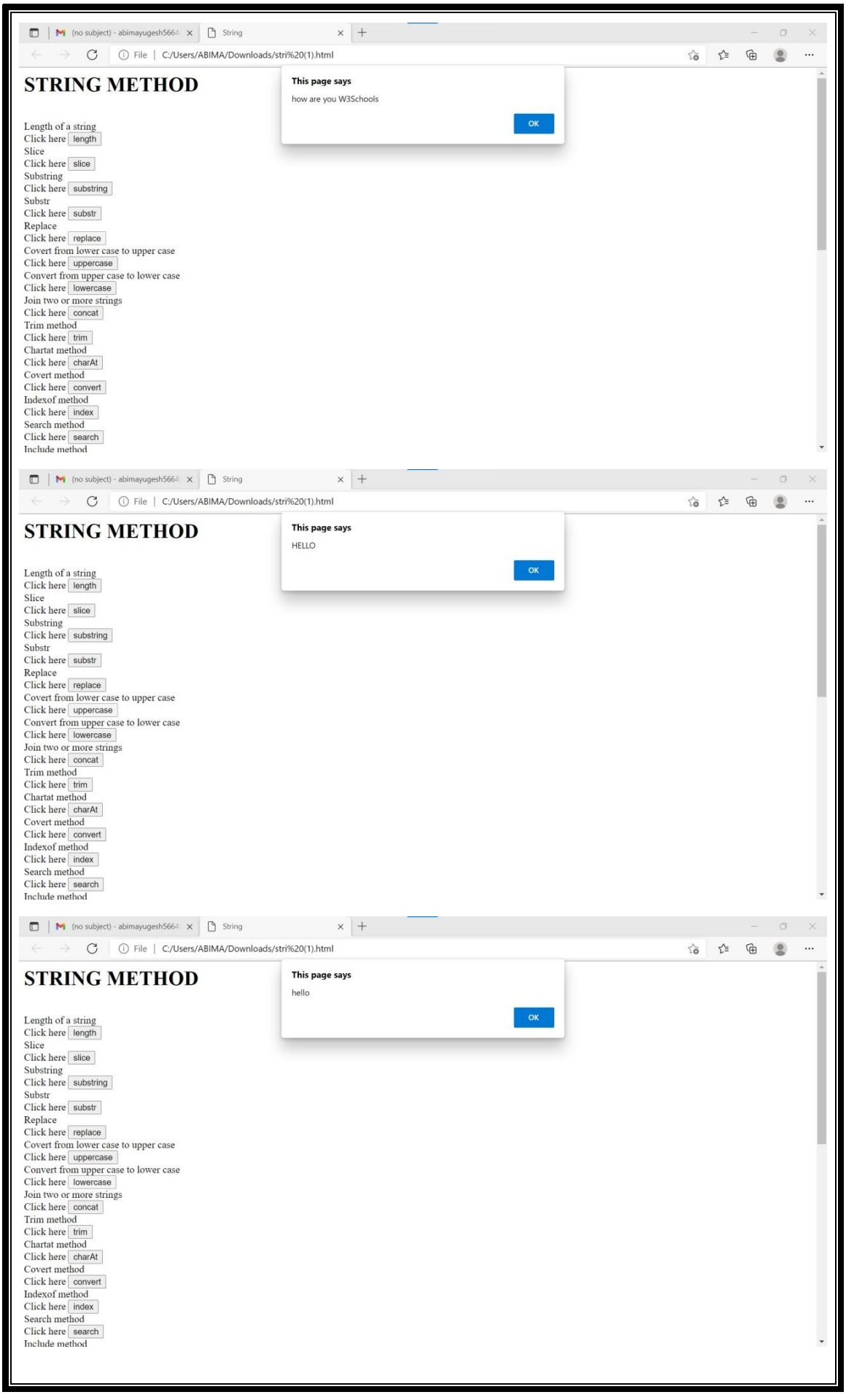
OUTPUT

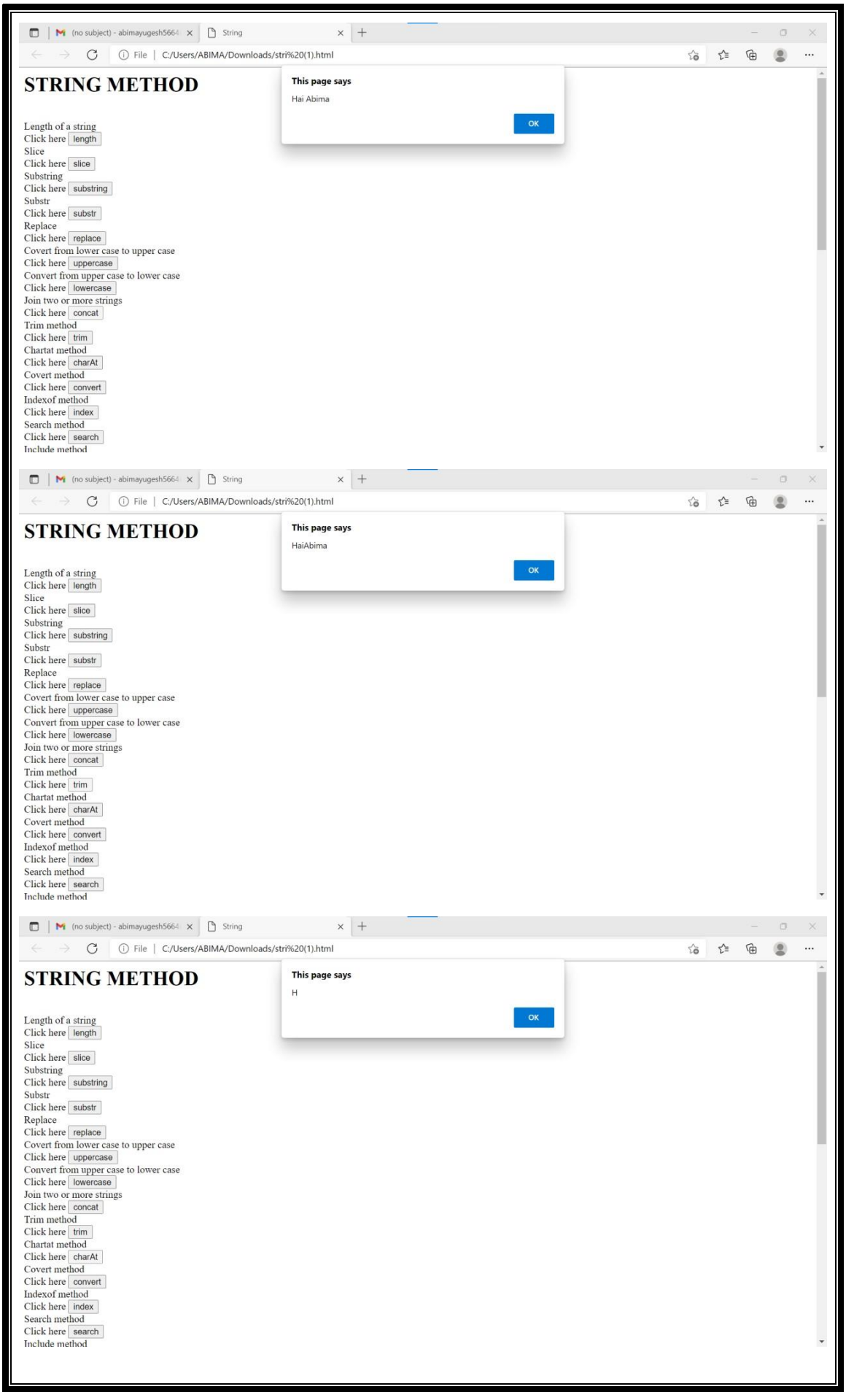


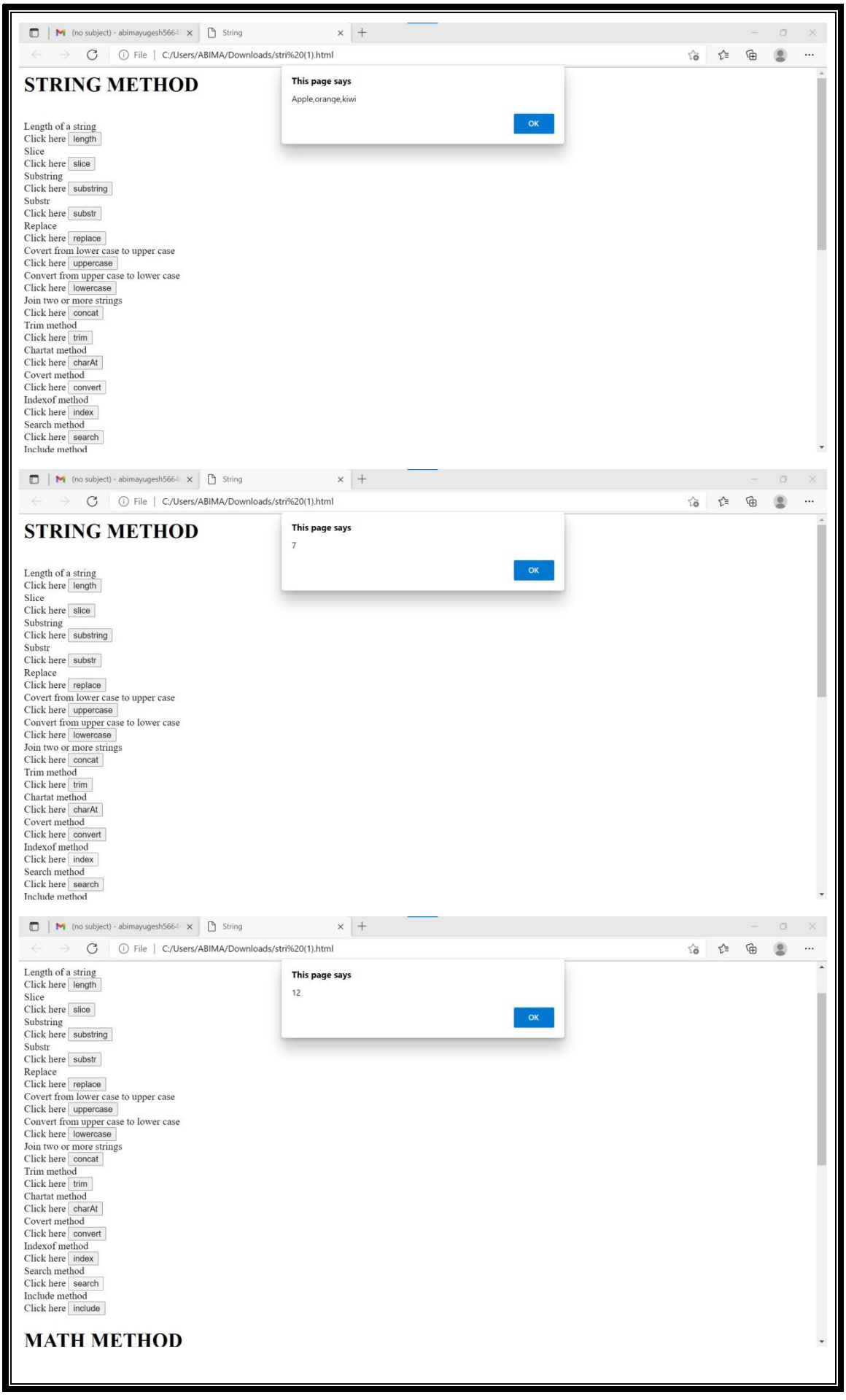


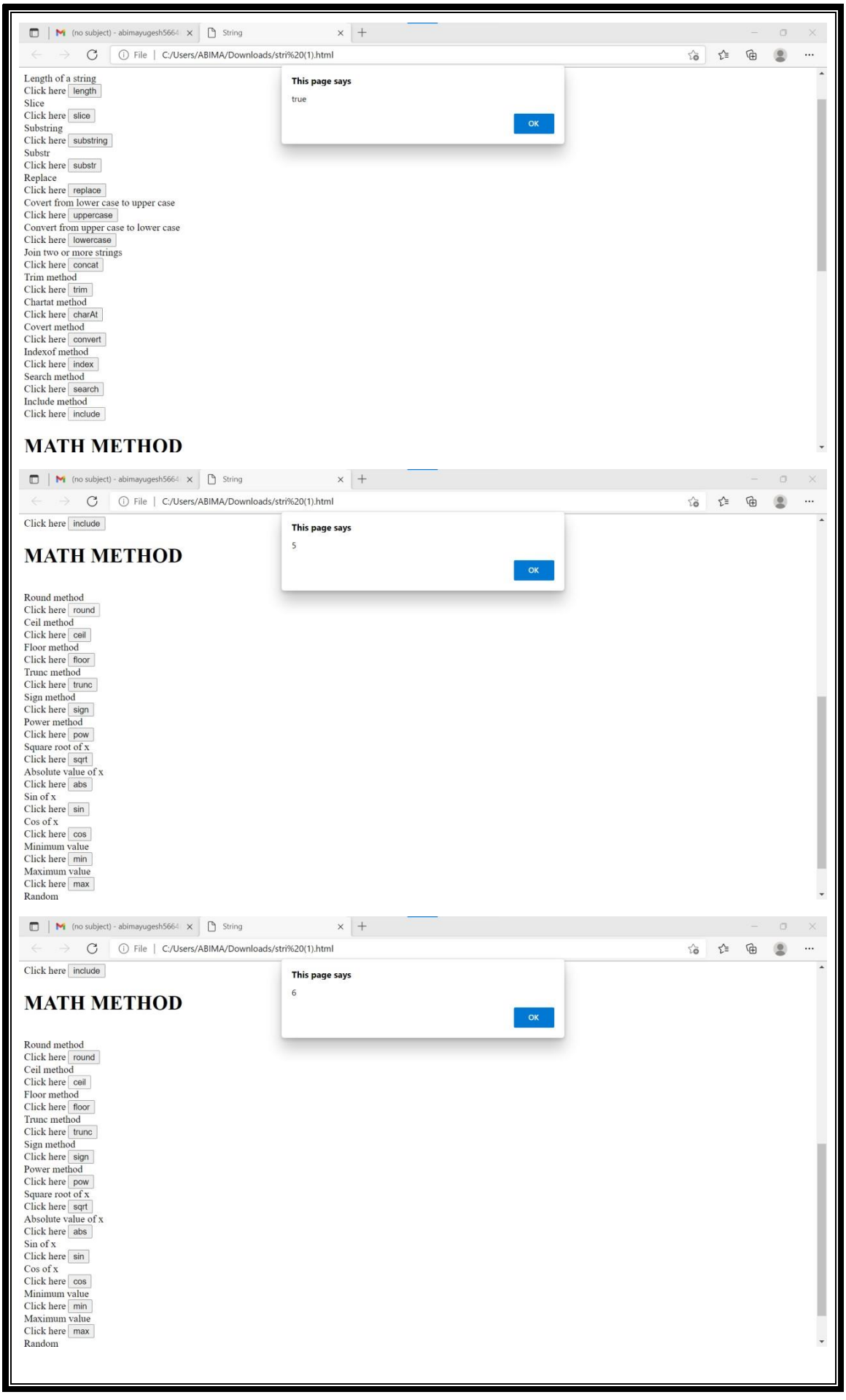

(no subject) - abimayugesh5664
String
File | C:/Users/ABIMA/Downloads/stri%20(1).html
Round method
Click here round
Ceil method
Click here ceil
Floor method
Click here floor
Trunc method
Click here trunc
Sign method
Click here sign
Power method
Click here pow
Square root of x
Click here sqrt
Absolute value of x
Click here abs
Sin of x
Click here sin
Cos of x
Click here cos
Minimum value
Click here min
Maximum value
Click here max
Random
Click here random
Log method
Click here log
(no subject) - abimayugesh5664
String
File | C:/Users/ABIMA/Downloads/stri%20(1).html
This page says
6
OK
STRING METHOD
Length of a string
Click here length
Slice
Click here slice
Substring
Click here substring
Substr
Click here substr
Replace
Click here replace
Covert from lower case to upper case
Click here uppercase
Convert from upper case to lower case
Click here lowercase
Join two or more strings
Click here concat
Trim method
Click here trim
Chartat method
Click here charAt
Covert method
Click here convert
Indexof method
Click here index
Search method
Click here search
Include method

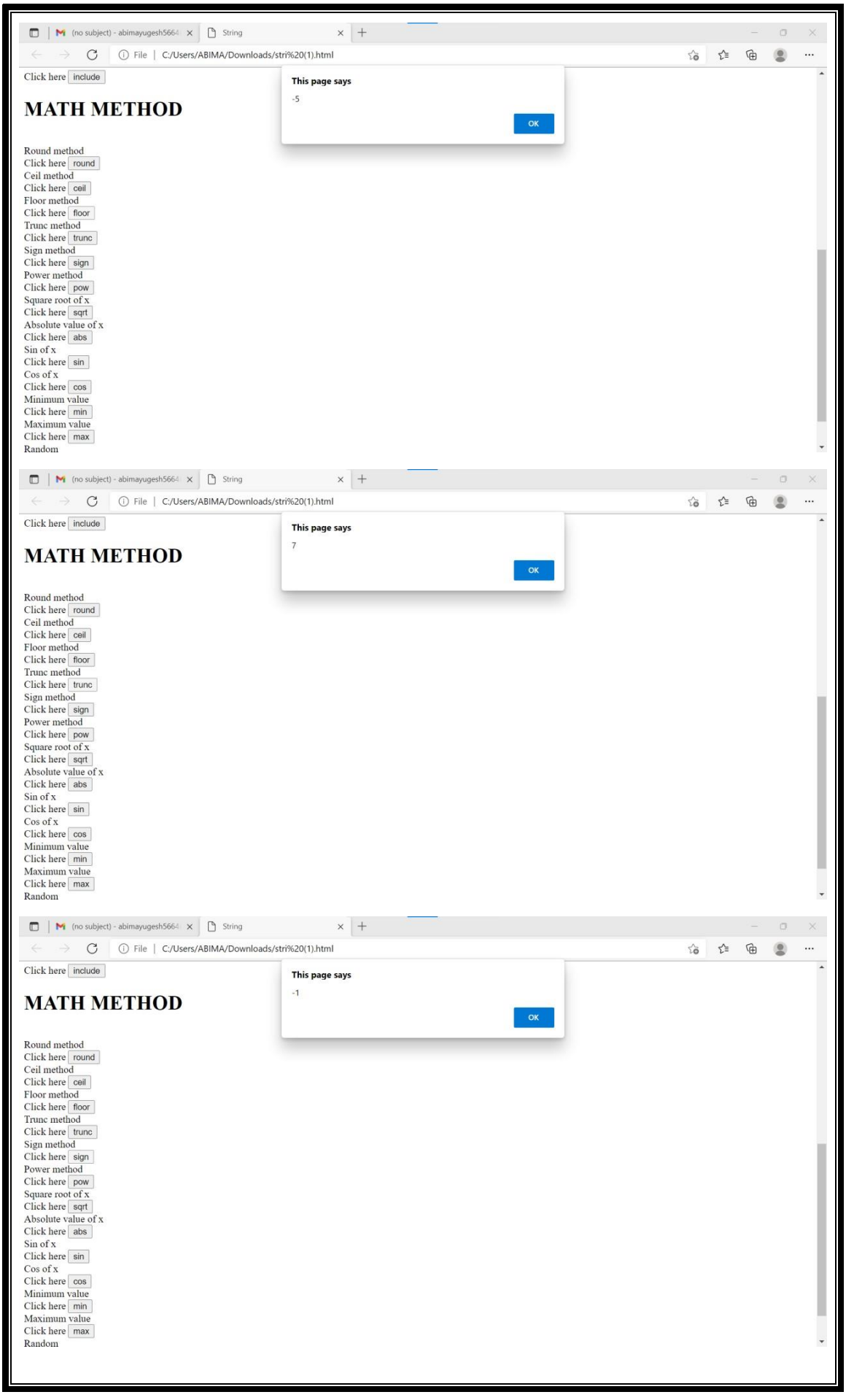

(no subject) - abimayugesh5664
String
File | C:/Users/ABIMA/Downloads/stri%20(1).html
STRING METHOD
This page says
ale
OK
Length of a string
Click here length
Slice
Click here slice
Substring
Click here substring
Substr
Click here substr
Replace
Click here replace
Covert from lower case to upper case
Click here uppercase
Convert from upper case to lower case
Click here lowercase
Join two or more strings
Click here concat
Trim method
Click here trim
Chartat method
Click here charAt
Covert method
Click here convert
Indexof method
Click here index
Search method
Click here search
Include method
(no subject) - abimayugesh5664
String
File | C:/Users/ABIMA/Downloads/stri%20(1).html
STRING METHOD
This page says
aleen
OK
Length of a string
Click here length
Slice
Click here slice
Substring
Click here substring
Substr
Click here substr
Replace
Click here replace
Covert from lower case to upper case
Click here uppercase
Convert from upper case to lower case
Click here lowercase
Join two or more strings
Click here concat
Trim method
Click here trim
Chartat method
Click here charAt
Covert method
Click here convert
Indexof method
Click here index
Search method
Click here search
Include method
(no subject) - abimayugesh5664
String
File | C:/Users/ABIMA/Downloads/stri%20(1).html
STRING METHOD
This page says
,Banana
OK
Length of a string
Click here length
Slice
Click here slice
Substring
Click here substring
Substr
Click here substr
Replace
Click here replace
Covert from lower case to upper case
Click here uppercase
Convert from upper case to lower case
Click here lowercase
Join two or more strings
Click here concat
Trim method
Click here trim
Chartat method
Click here charAt
Covert method
Click here convert
Indexof method
Click here index
Search method
Click here search
Include method

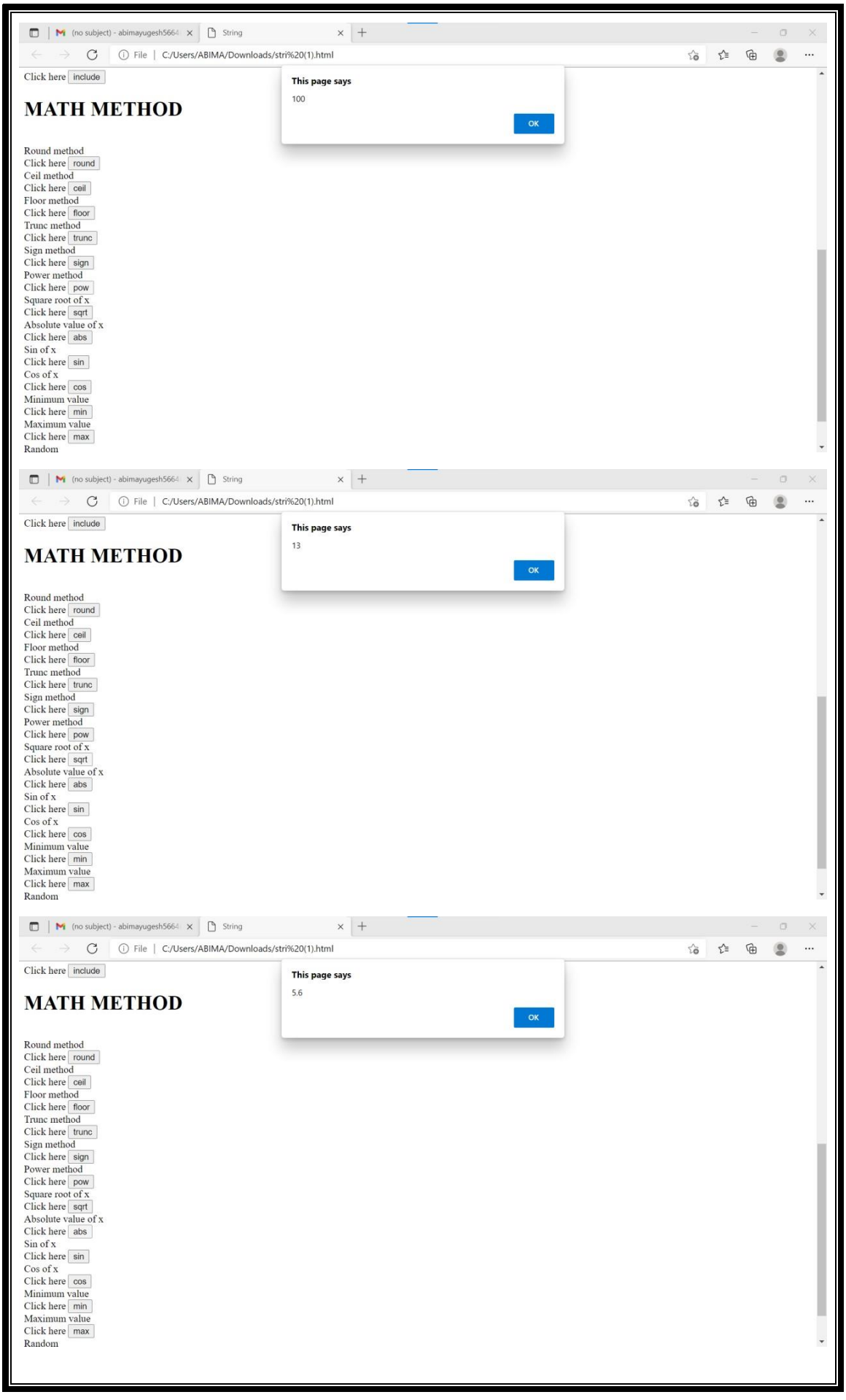

(no subject) - abimayugesh5664
String
File | C:/Users/ABIMA/Downloads/stri%20(1).html
STRING METHOD
This page says
how are you W3Schools
OK
Length of a string
Click here length
Slice
Click here slice
Substring
Click here substring
Substr
Click here substr
Replace
Click here replace
Covert from lower case to upper case
Click here uppercase
Convert from upper case to lower case
Click here lowercase
Join two or more strings
Click here concat
Trim method
Click here trim
Chartat method
Click here charAt
Covert method
Click here convert
Indexof method
Click here index
Search method
Click here search
Include method
(no subject) - abimayugesh5664
String
File | C:/Users/ABIMA/Downloads/stri%20(1).html
STRING METHOD
This page says
HELLO
OK
Length of a string
Click here length
Slice
Click here slice
Substring
Click here substring
Substr
Click here substr
Replace
Click here replace
Covert from lower case to upper case
Click here uppercase
Convert from upper case to lower case
Click here lowercase
Join two or more strings
Click here concat
Trim method
Click here trim
Chartat method
Click here charAt
Covert method
Click here convert
Indexof method
Click here index
Search method
Click here search
Include method
(no subject) - abimayugesh5664
String
File | C:/Users/ABIMA/Downloads/stri%20(1).html
STRING METHOD
This page says
hello
OK
Length of a string
Click here length
Slice
Click here slice
Substring
Click here substring
Substr
Click here substr
Replace
Click here replace
Covert from lower case to upper case
Click here uppercase
Convert from upper case to lower case
Click here lowercase
Join two or more strings
Click here concat
Trim method
Click here trim
Chartat method
Click here charAt
Covert method
Click here convert
Indexof method
Click here index
Search method
Click here search
Include method

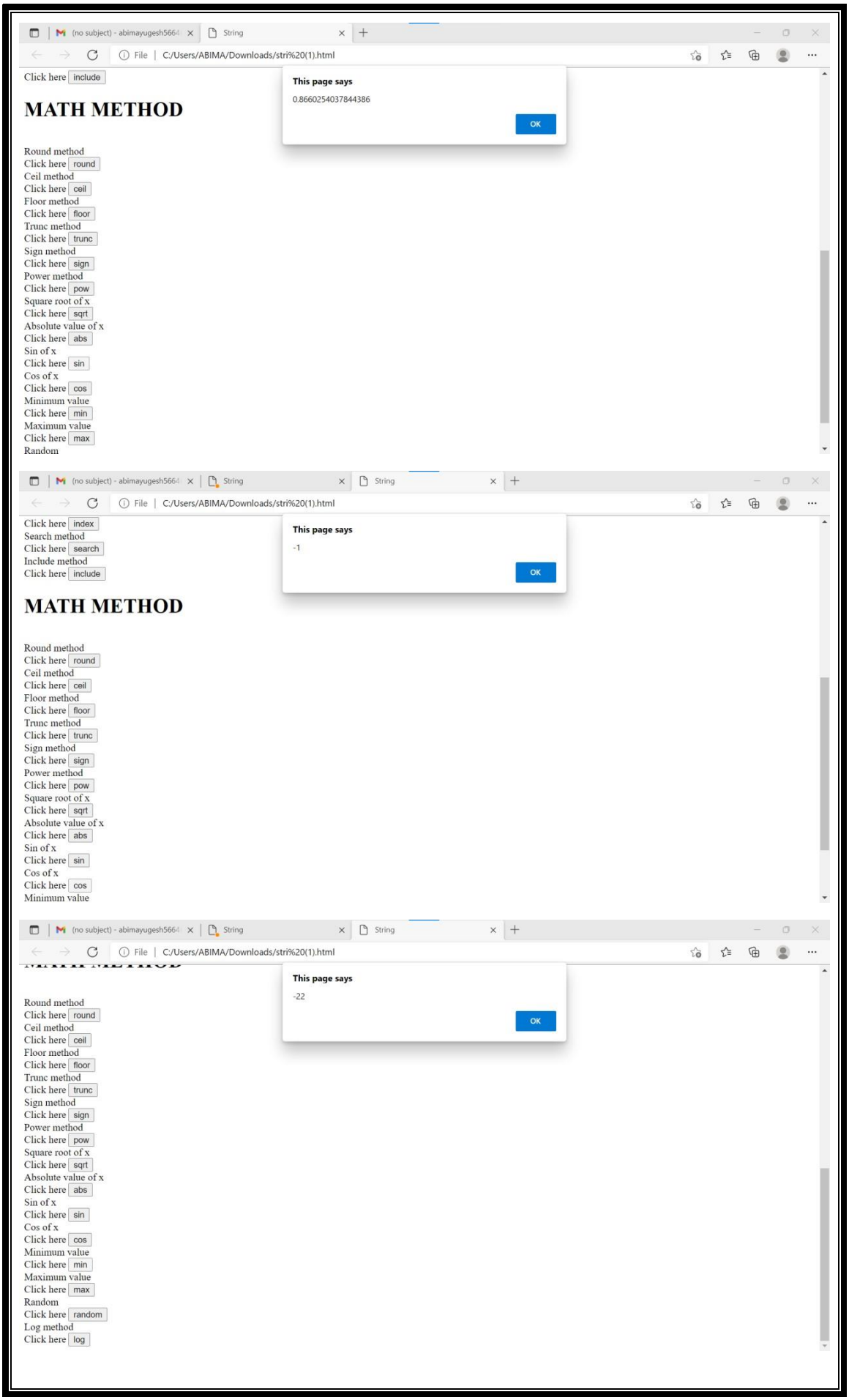

(no subject) - abimayugesh5664
String
File | C:/Users/ABIMA/Downloads/stri%20(1).html
STRING METHOD
This page says
Hai Abima
OK
Length of a string
Click here length
Slice
Click here slice
Substring
Click here substring
Substr
Click here substr
Replace
Click here replace
Covert from lower case to upper case
Click here uppercase
Convert from upper case to lower case
Click here lowercase
Join two or more strings
Click here concat
Trim method
Click here trim
Chartat method
Click here charAt
Covert method
Click here convert
Indexof method
Click here index
Search method
Click here search
Include method
(no subject) - abimayugesh5664
String
File | C:/Users/ABIMA/Downloads/stri%20(1).html
STRING METHOD
This page says
HaiAbima
OK
Length of a string
Click here length
Slice
Click here slice
Substring
Click here substring
Substr
Click here substr
Replace
Click here replace
Covert from lower case to upper case
Click here uppercase
Convert from upper case to lower case
Click here lowercase
Join two or more strings
Click here concat
Trim method
Click here trim
Chartat method
Click here charAt
Covert method
Click here convert
Indexof method
Click here index
Search method
Click here search
Include method
(no subject) - abimayugesh5664
String
File | C:/Users/ABIMA/Downloads/stri%20(1).html
STRING METHOD
This page says
H
OK
Length of a string
Click here length
Slice
Click here slice
Substring
Click here substring
Substr
Click here substr
Replace
Click here replace
Covert from lower case to upper case
Click here uppercase
Convert from upper case to lower case
Click here lowercase
Join two or more strings
Click here concat
Trim method
Click here trim
Chartat method
Click here charAt
Covert method
Click here convert
Indexof method
Click here index
Search method
Click here search
Include method

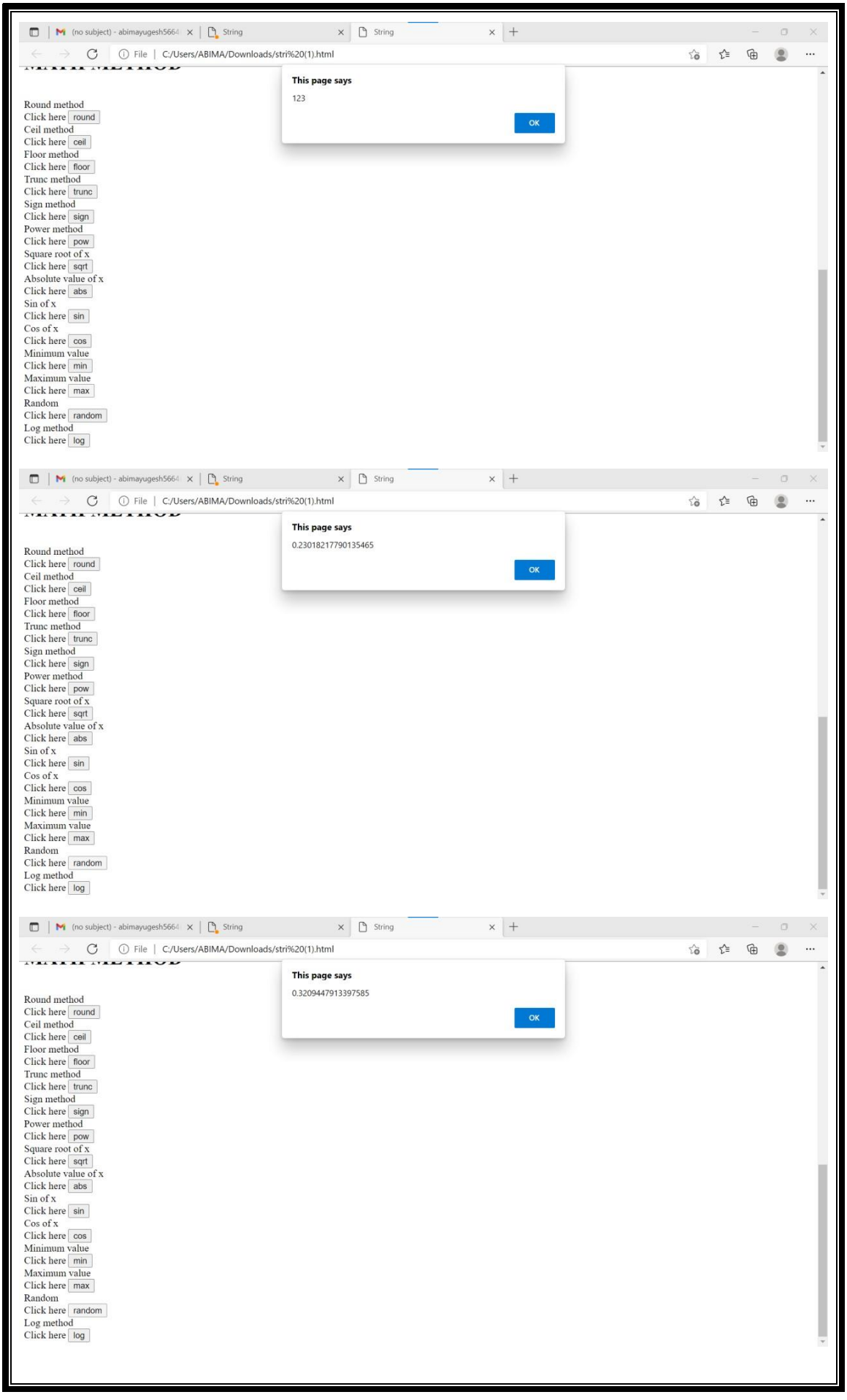

(no subject) - abimayugesh5664
String
File | C:/Users/ABIMA/Downloads/stri%20(1).html
STRING METHOD
This page says
Apple,orange,kiwi
OK
Length of a string
Click here length
Slice
Click here slice
Substring
Click here substring
Substr
Click here substr
Replace
Click here replace
Covert from lower case to upper case
Click here uppercase
Convert from upper case to lower case
Click here lowercase
Join two or more strings
Click here concat
Trim method
Click here trim
Chartat method
Click here charAt
Covert method
Click here convert
Indexof method
Click here index
Search method
Click here search
Include method
(no subject) - abimayugesh5664
String
File | C:/Users/ABIMA/Downloads/stri%20(1).html
STRING METHOD
This page says
7
OK
Length of a string
Click here length
Slice
Click here slice
Substring
Click here substring
Substr
Click here substr
Replace
Click here replace
Covert from lower case to upper case
Click here uppercase
Convert from upper case to lower case
Click here lowercase
Join two or more strings
Click here concat
Trim method
Click here trim
Chartat method
Click here charAt
Covert method
Click here convert
Indexof method
Click here index
Search method
Click here search
Include method
(no subject) - abimayugesh5664
String
File | C:/Users/ABIMA/Downloads/stri%20(1).html
This page says
12
OK
Length of a string
Click here length
Slice
Click here slice
Substring
Click here substring
Substr
Click here substr
Replace
Click here replace
Covert from lower case to upper case
Click here uppercase
Convert from upper case to lower case
Click here lowercase
Join two or more strings
Click here concat
Trim method
Click here trim
Chartat method
Click here charAt
Covert method
Click here convert
Indexof method
Click here index
Search method
Click here search
Include method
Click here include
MATH METHOD


(no subject) - abimayugesh5664
String
File | C:/Users/ABIMA/Downloads/stri%20(1).html
This page says
true
OK
Length of a string
Click here length
Slice
Click here slice
Substring
Click here substring
Substr
Click here substr
Replace
Click here replace
Covert from lower case to upper case
Click here uppercase
Convert from upper case to lower case
Click here lowercase
Join two or more strings
Click here concat
Trim method
Click here trim
Chartat method
Click here charAt
Covert method
Click here convert
Indexof method
Click here index
Search method
Click here search
Include method
Click here include
MATH METHOD
This page says
5
OK
Round method
Click here round
Ceil method
Click here ceil
Floor method
Click here floor
Trunc method
Click here trunc
Sign method
Click here sign
Power method
Click here pow
Square root of x
Click here sqrt
Absolute value of x
Click here abs
Sin of x
Click here sin
Cos of x
Click here cos
Minimum value
Click here min
Maximum value
Click here max
Random
This page says
6
OK


(no subject) - abimayugesh5664
String
File | C:/Users/ABIMA/Downloads/stri%20(1).html
Click here include
This page says
-5
OK
MATH METHOD
Round method
Click here round
Ceil method
Click here ceil
Floor method
Click here floor
Trunc method
Click here trunc
Sign method
Click here sign
Power method
Click here pow
Square root of x
Click here sqrt
Absolute value of x
Click here abs
Sin of x
Click here sin
Cos of x
Click here cos
Minimum value
Click here min
Maximum value
Click here max
Random
(no subject) - abimayugesh5664
String
File | C:/Users/ABIMA/Downloads/stri%20(1).html
Click here include
This page says
7
OK
MATH METHOD
Round method
Click here round
Ceil method
Click here ceil
Floor method
Click here floor
Trunc method
Click here trunc
Sign method
Click here sign
Power method
Click here pow
Square root of x
Click here sqrt
Absolute value of x
Click here abs
Sin of x
Click here sin
Cos of x
Click here cos
Minimum value
Click here min
Maximum value
Click here max
Random
(no subject) - abimayugesh5664
String
File | C:/Users/ABIMA/Downloads/stri%20(1).html
Click here include
This page says
-1
OK
MATH METHOD
Round method
Click here round
Ceil method
Click here ceil
Floor method
Click here floor
Trunc method
Click here trunc
Sign method
Click here sign
Power method
Click here pow
Square root of x
Click here sqrt
Absolute value of x
Click here abs
Sin of x
Click here sin
Cos of x
Click here cos
Minimum value
Click here min
Maximum value
Click here max
Random


(no subject) - abimayugesh5664
String
File | C:/Users/ABIMA/Downloads/stri%20(1).html
Click here include
This page says
100
OK
MATH METHOD
Round method
Click here round
Ceil method
Click here ceil
Floor method
Click here floor
Trunc method
Click here trunc
Sign method
Click here sign
Power method
Click here pow
Square root of x
Click here sqrt
Absolute value of x
Click here abs
Sin of x
Click here sin
Cos of x
Click here cos
Minimum value
Click here min
Maximum value
Click here max
Random
(no subject) - abimayugesh5664
String
File | C:/Users/ABIMA/Downloads/stri%20(1).html
Click here include
This page says
13
OK
MATH METHOD
Round method
Click here round
Ceil method
Click here ceil
Floor method
Click here floor
Trunc method
Click here trunc
Sign method
Click here sign
Power method
Click here pow
Square root of x
Click here sqrt
Absolute value of x
Click here abs
Sin of x
Click here sin
Cos of x
Click here cos
Minimum value
Click here min
Maximum value
Click here max
Random
(no subject) - abimayugesh5664
String
File | C:/Users/ABIMA/Downloads/stri%20(1).html
Click here include
This page says
5.6
OK
MATH METHOD
Round method
Click here round
Ceil method
Click here ceil
Floor method
Click here floor
Trunc method
Click here trunc
Sign method
Click here sign
Power method
Click here pow
Square root of x
Click here sqrt
Absolute value of x
Click here abs
Sin of x
Click here sin
Cos of x
Click here cos
Minimum value
Click here min
Maximum value
Click here max
Random


(no subject) - abimayugesh5664
String
File | C:/Users/ABIMA/Downloads/stri%20(1).html
Click here include
MATH METHOD
Round method
Click here round
Ceil method
Click here ceil
Floor method
Click here floor
Trunc method
Click here trunc
Sign method
Click here sign
Power method
Click here pow
Square root of x
Click here sqrt
Absolute value of x
Click here abs
Sin of x
Click here sin
Cos of x
Click here cos
Minimum value
Click here min
Maximum value
Click here max
Random
This page says
0.8660254037844386
OK
Click here index
Search method
Click here search
Include method
Click here include
This page says
-1
OK
Random method
Log method
Click here log
This page says
-22


(no subject) - abimayugesh5664
String
String
File | C:/Users/ABIMA/Downloads/stri%20(1).html
This page says
123
OK
Round method
Click here round
Ceil method
Click here ceil
Floor method
Click here floor
Trunc method
Click here trunc
Sign method
Click here sign
Power method
Click here pow
Square root of x
Click here sqrt
Absolute value of x
Click here abs
Sin of x
Click here sin
Cos of x
Click here cos
Minimum value
Click here min
Maximum value
Click here max
Random
Click here random
Log method
Click here log
(no subject) - abimayugesh5664
String
String
File | C:/Users/ABIMA/Downloads/stri%20(1).html
This page says
0.23018217790135465
OK
Round method
Click here round
Ceil method
Click here ceil
Floor method
Click here floor
Trunc method
Click here trunc
Sign method
Click here sign
Power method
Click here pow
Square root of x
Click here sqrt
Absolute value of x
Click here abs
Sin of x
Click here sin
Cos of x
Click here cos
Minimum value
Click here min
Maximum value
Click here max
Random
Click here random
Log method
Click here log
(no subject) - abimayugesh5664
String
String
File | C:/Users/ABIMA/Downloads/stri%20(1).html
This page says
0.3209447913397585
OK
Round method
Click here round
Ceil method
Click here ceil
Floor method
Click here floor
Trunc method
Click here trunc
Sign method
Click here sign
Power method
Click here pow
Square root of x
Click here sqrt
Absolute value of x
Click here abs
Sin of x
Click here sin
Cos of x
Click here cos
Minimum value
Click here min
Maximum value
Click here max
Random
Click here random
Log method
Click here log


(no subject) - abimayugesh5664
String
String
File | C:/Users/ABIMA/Downloads/stri%20(1).html
This page says
1.0986122886681096
OK
Round method
Click here round
Ceil method
Click here ceil
Floor method
Click here floor
Trunc method
Click here trunc
Sign method
Click here sign
Power method
Click here pow
Square root of x
Click here sqrt
Absolute value of x
Click here abs
Sin of x
Click here sin
Cos of x
Click here cos
Minimum value
Click here min
Maximum value
Click here max
Random
Click here random
Log method
Click here log

EXPERIMENT NO-8

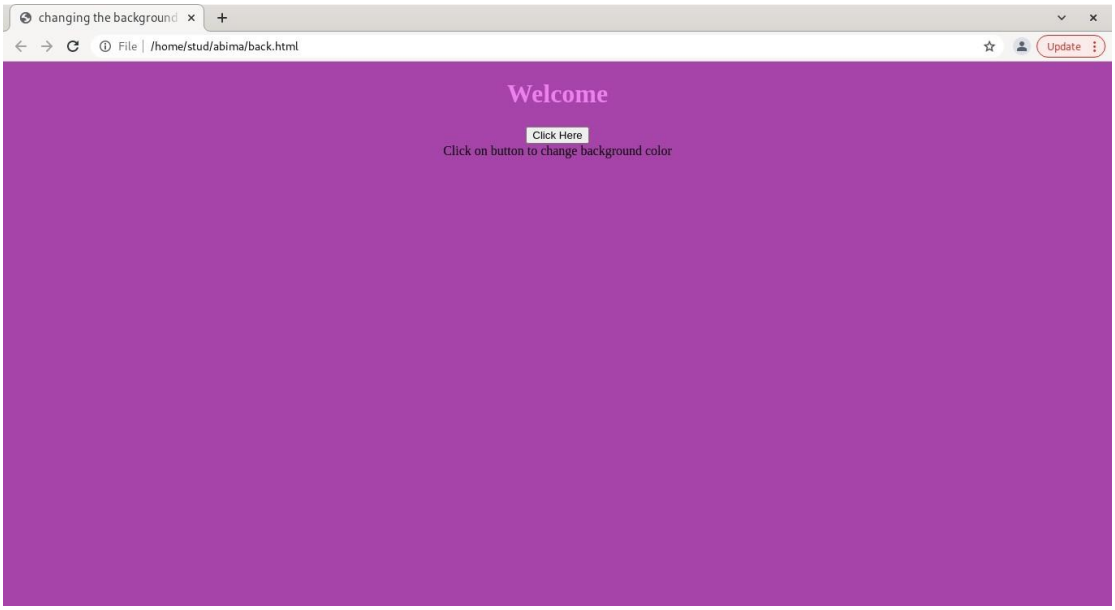
AIM

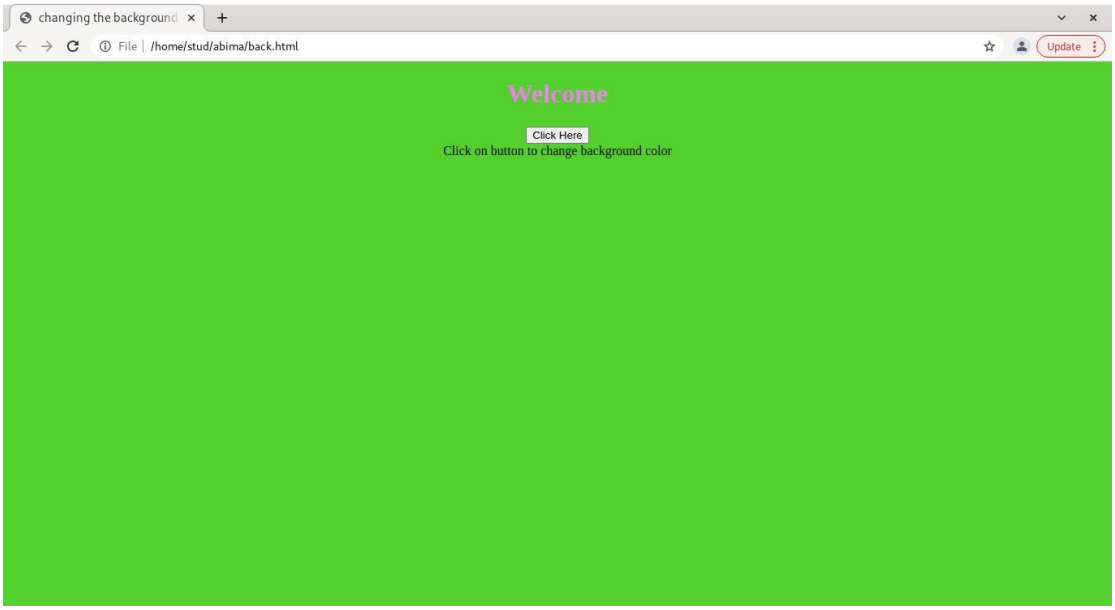
Create a HTML page to change the background colour for every click of a button using Javascript event handling.

PROGRAM CODE

```
<!DOCTYPE HTML>

<html> <head> <title>

 changing the background color

 </title>    </head>

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

 <h1 style = "color:violet;" >

 Welcome

 </h1>

 <button type="button" id="color-button" onclick="changeBg()">Click Here
</button>

 <br> <script>

 document.writeln( "Click on button to change 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


changing the background
File | /home/stud/abima/back.html
Update
Welcome
Click Here
Click on button to change background color


changing the background
File | /home/stud/abima/back.html
Update
Welcome
Click Here
Click on button to change background color

EXPERIMENT NO-9

AIM

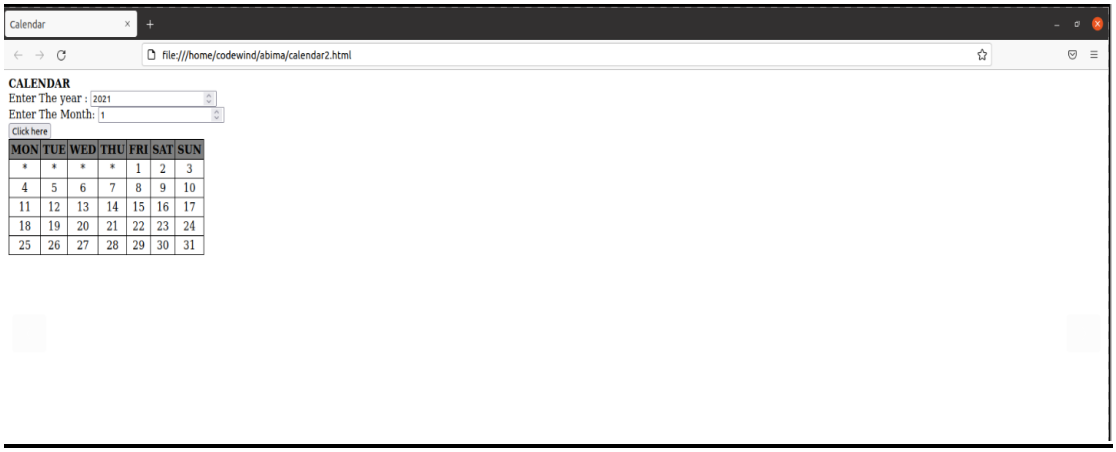
Generate the calendar using Javascript code by getting the year and month from the user.

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: 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 =
'<table><tr><th>MON</th><th>TUE</th><th>WED</th><th>THU</th><th>FRI</th><th>SAT</th><th>SUN</th></tr><tr>';
    for (let i = 0; i < getDay(d); i++) {
    table += '<td>*</td>';
    }while (d.getMonth() == mon) {
    table += '<td>' + d.getDate() + '</td>';
    if (getDay(d) % 7 == 6) {
    table += '</tr><tr>';
    }d.setDate(d.getDate() + 1);
    } if (getDay(d) != 0) {
    for (let i = getDay(d); i < 7; i++) {
    table += '<td>*</td>'; }
    }
    table += '</tr></table>';
    document.getElementById("calendar").innerHTML = table;
}
createCalendar(calendar, year, month);
</script>
</body>
</html>
```

OUTPUT


Calendar
file:///home/codewind/abima/calendar2.html
CALENDAR
Enter The year : 2021
Enter The Month: 1
Click 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

EXPERIMENT N0-10

AIM

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

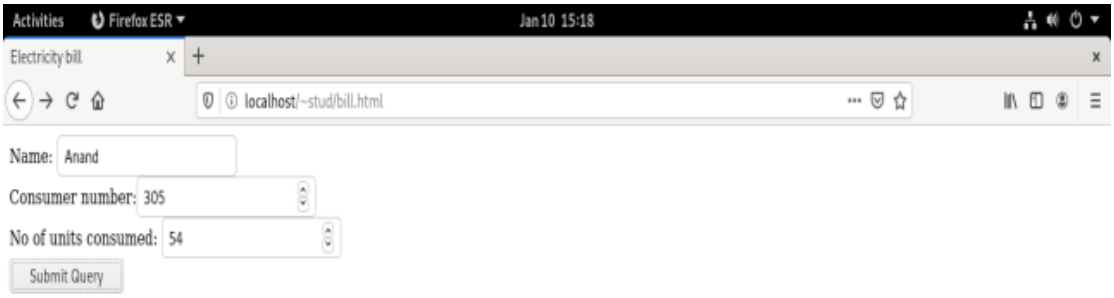
PROGRAM CODE

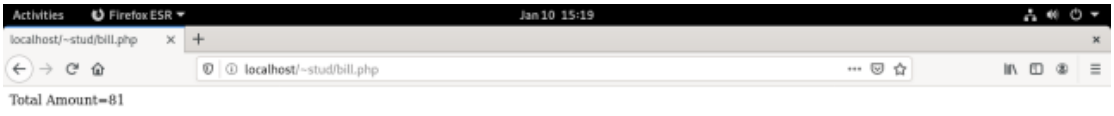
```
<html>
<head><title>Electricity bill</title>
<body>
<form action="bill.php" method="post">
Name: <input type="text" name="fname"><br>
Consumer number:<input type="number" name="num"><br>
No of units consumed: <input type="number" name="unit"><br>
<input type="submit">
</form>
</body>
</html>
```

PHP PAGE

```
<?php
$p=$_POST["unit"];
$s=1.5;

$A=$p*$s;
echo "Total Amount=$A";
?>
```

OUTPUT


Activities
Firefox ESR
Jan 10 15:18
Electricity bill
localhost/~stud/bill.html
Name: Anand
Consumer number: 305
No of units consumed: 54
Submit Query


Activities
Firefox ESR
Jan 10 15:19
localhost/~stud/bill.php
localhost/~stud/bill.php
Total Amount=81

EXPERIMENT NO-11

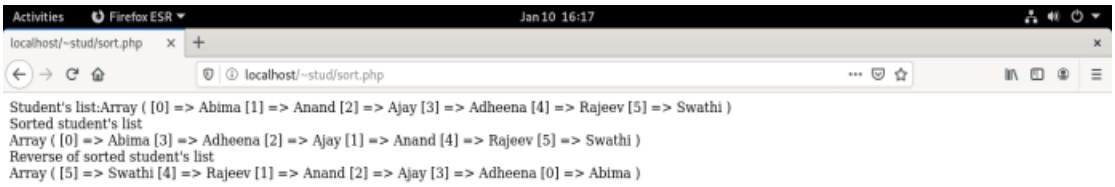
AIM

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 assort and arsort functions.

PROGRAM CODE

```
<?php
$student=array("Abima","Anand","Ajay","Adheena","Rajeev","S
wathi"); echo "Student's list:"; print_r($student); echo "<br>";
echo "Sorted student's list";

echo "<br>";
asort($student);
print_r($student); echo
"<br>"; echo "Reverse of
sorted student's list";

echo "<br>";
arsort($student);

print_r($student);
?>
```

OUTPUT



EXPERIMENT NO-12

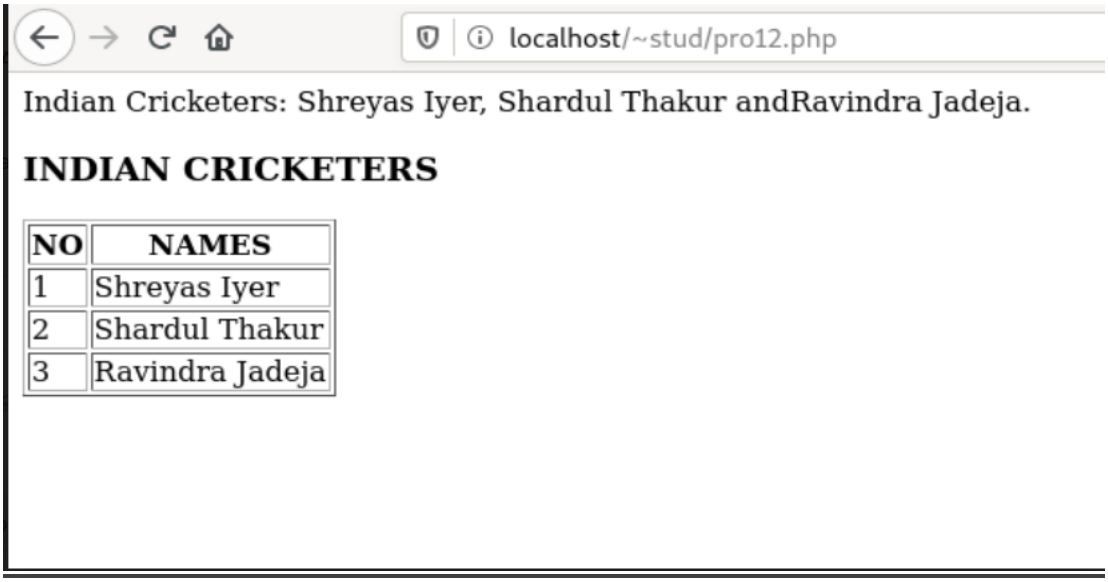
AIM

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("Shreyas Iyer", "Shardul Thakur", "Ravindra Jadeja");
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>Shreyas Iyer</td>
</tr>
<tr>
<td>2</td>
<td>Shardul Thakur</td>
</tr>
<tr>
<td>3</td>
<td>Ravindra Jadeja</td>
</tr>";
?></body></html>
```

OUTPUT


localhost/~stud/pro12.php
Indian Cricketers: Shreyas Iyer, Shardul Thakur andRavindra Jadeja.
INDIAN CRICKETERS
NO
NAMES
1
Shreyas Iyer
2
Shardul Thakur
3
Ravindra Jadeja

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

BOOK INFO

```
<html>

<head>

<title>book</title>

</head>

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

<a href="add.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="addbook.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>
```

ADDBOOK.PHP

```
<html><head>

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

<body>

<form name="frm1" action="addbook.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>
```

SEARCH.HTML

```
<html>

<head>

<title>search</title>
```

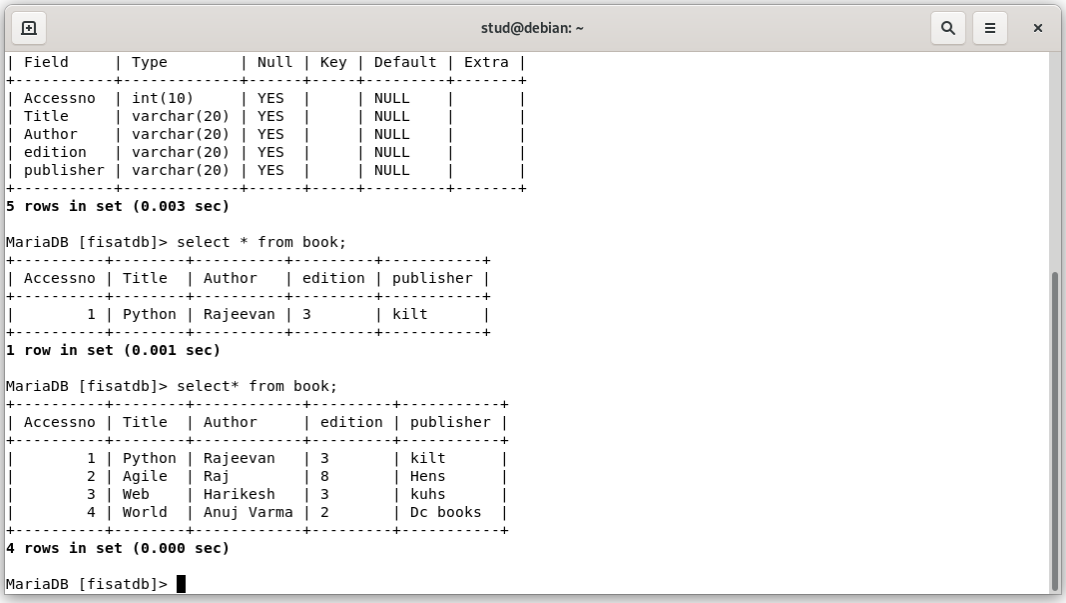
```
</head>

<body>

<form name="frm2" action="search.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>
```

SEARCH.PHP

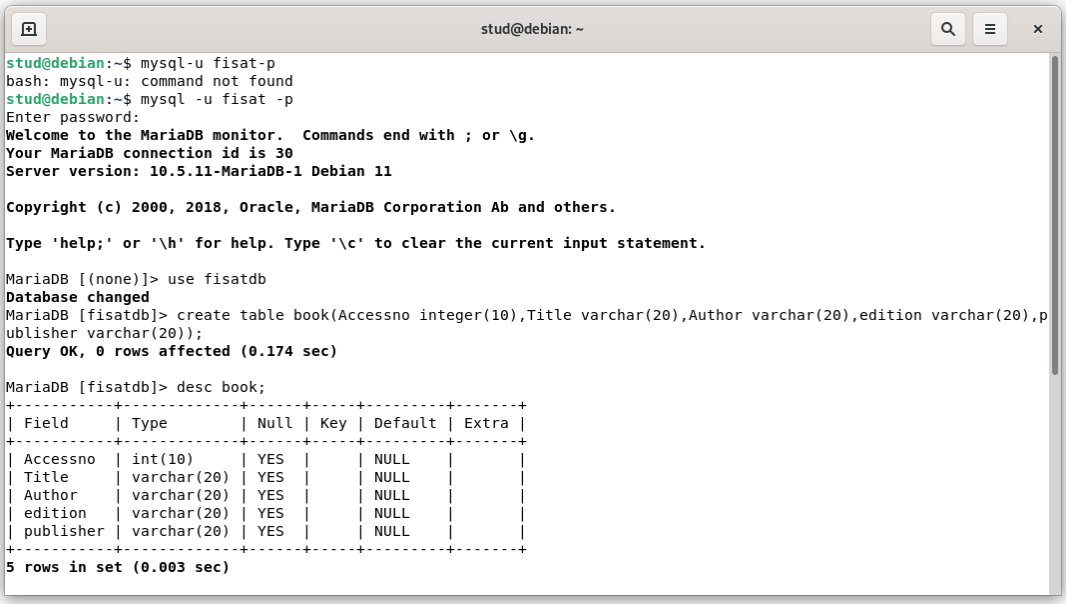
```
<?php
$title=$_POST['txt'];
$con=new mysqli("localhost","fisat","fisat","fisatdb");
if($con==false)
{
echo "Failed to connect";
}
else
{
echo "connected\n";
}
$sql="select * from book where
Title='$title'";
if($result=$con->query($sql))
{
if($result->num_rows>0)
{
while($row=$result->fetch_array())
{
echo "\n".$row[0].":".$row[1].":".$row[2].":".$row[3].":".$row[4]."\n";}
$result-> close();
}
else
{
echo "\n Could not found the book";
}
}
else
{
```

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

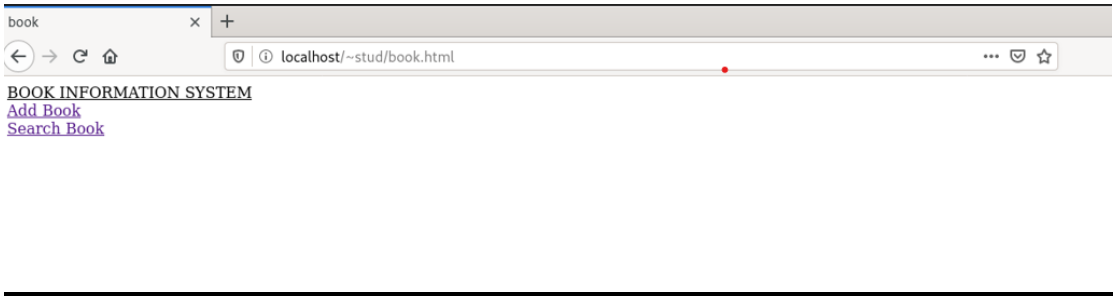
OUTPUT



```
stud@debian: ~
| Field     | Type        | Null | Key | Default | Extra |
+-----------+-------------+------+-----+---------+-------+
| Accessno  | 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 (0.003 sec)

MariaDB [fisatdb]> select * from book;
+----------+--------+----------+---------+-----------+
| Accessno | Title  | Author   | edition | publisher |
+----------+--------+----------+---------+-----------+
|        1 | Python | Rajeevan | 3       | kilt      |
+----------+--------+----------+---------+-----------+
1 row in set (0.001 sec)

MariaDB [fisatdb]> select* from book;
+----------+--------+------------+---------+-----------+
| Accessno | Title  | Author     | edition | publisher |
+----------+--------+------------+---------+-----------+
|        1 | Python | Rajeevan   | 3       | kilt      |
|        2 | Agile  | Raj        | 8       | Hens      |
|        3 | Web    | Harikesh   | 3       | kuhs      |
|        4 | World  | Anuj Varma | 2       | Dc books  |
+----------+--------+------------+---------+-----------+
4 rows in set (0.000 sec)

MariaDB [fisatdb]>
```



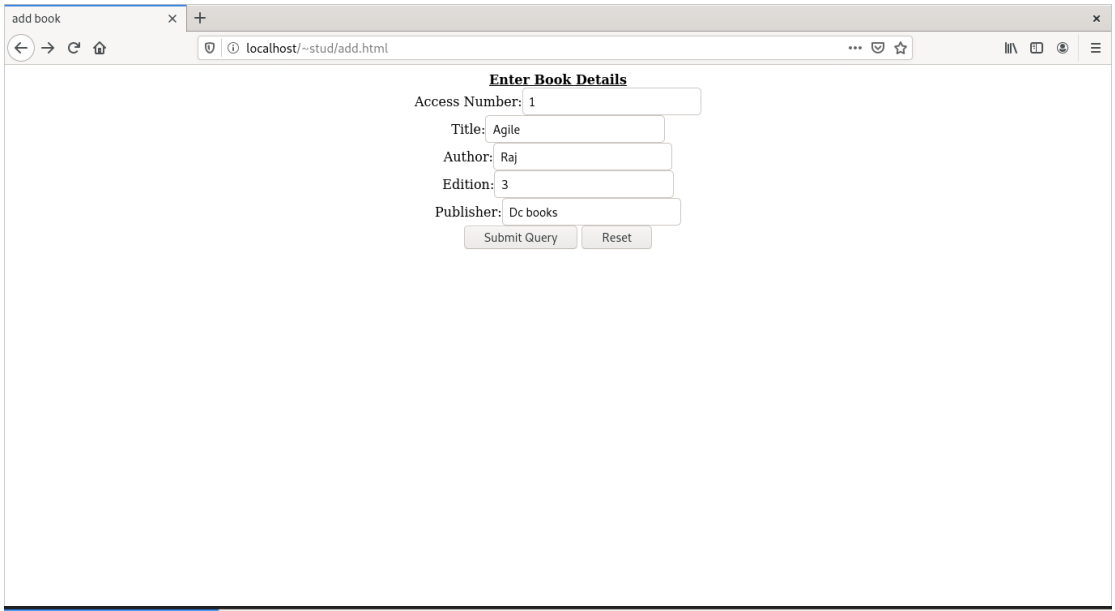
```
stud@debian: ~
stud@debian:~$ mysql-u fisat-p
bash: mysql-u: command not found
stud@debian:~$ mysql -u fisat -p
Enter password:
Welcome to the MariaDB monitor.  Commands end with ; or \g.
Your MariaDB connection id is 30
Server version: 10.5.11-MariaDB-1 Debian 11

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
Database changed
MariaDB [fisatdb]> create table book(Accessno integer(10),Title varchar(20),Author varchar(20),edition varchar(20),p
ublisher varchar(20));
Query OK, 0 rows affected (0.174 sec)

MariaDB [fisatdb]> desc book;
+-----------+-------------+------+-----+---------+-------+
| Field     | Type        | Null | Key | Default | Extra |
+-----------+-------------+------+-----+---------+-------+
| Accessno  | 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 (0.003 sec)
```

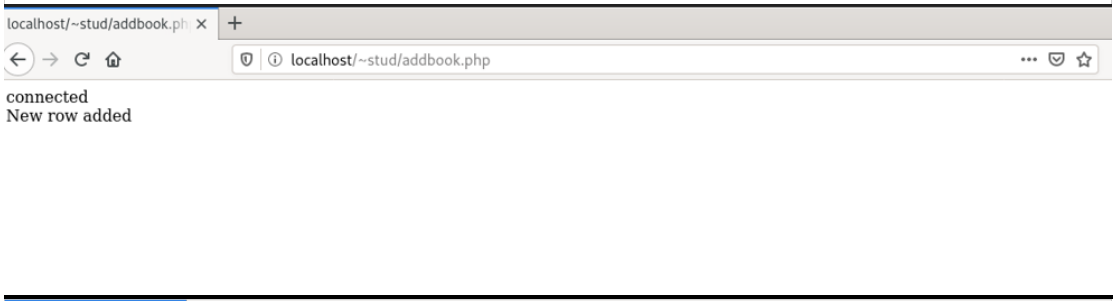


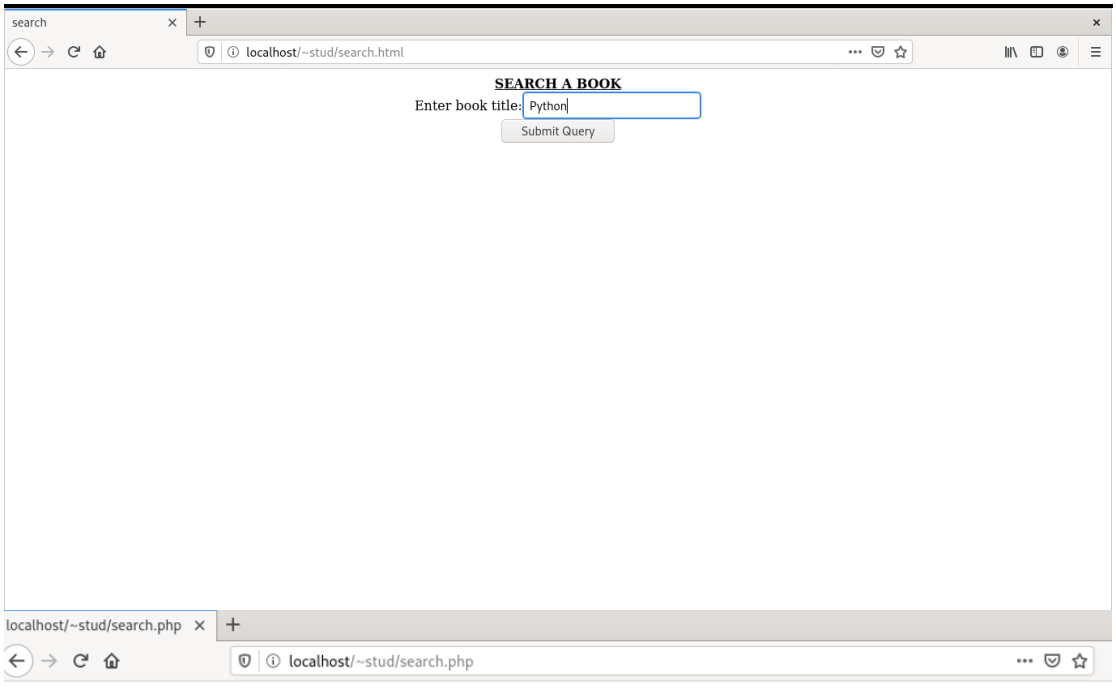
book

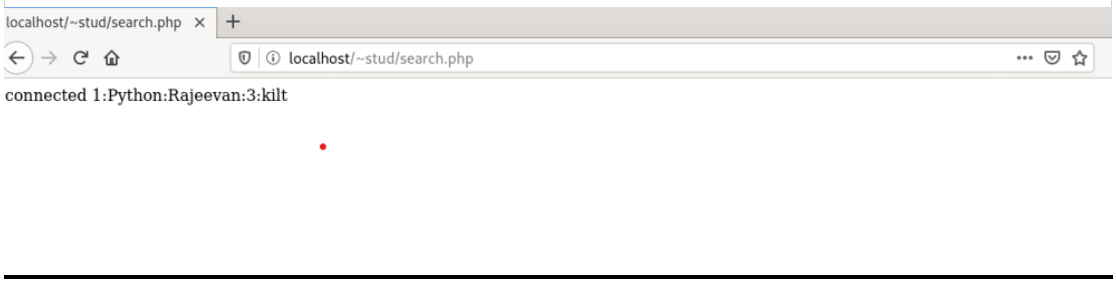
localhost/~stud/book.html

BOOK INFORMATION SYSTEM
Add Book
Search Book


add book
localhost/~stud/add.html
Enter Book Details
Access Number: 1
Title: Agile
Author: Raj
Edition: 3
Publisher: Dc books
Submit Query
Reset


localhost/~stud/addbook.ph
localhost/~stud/addbook.php
connected
New row added


search
localhost/~stud/search.html
SEARCH A BOOK
Enter book title: Python
Submit Query


localhost/~stud/search.php
localhost/~stud/search.php
connected 1:Python:Rajeevan:3:kilt

EXPERIMENT NO-14

AIM

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

PROGRAM CODE

Airline.html

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

add.html

```
<html>
<head>
<title>Airline details</title></head>
<style>
label {
display: inline-block;
width: 300px;
    }
</style>
<body>
<form name="frm1" action="addl.php" method="POST">
<b><u>Enter Airline Details</u></b><br><br>
<label>Airline Number:</label>
<input type="number" name="num"><br></b><br>
<label>Name:</label>
<input type="text" name="name"><br></b><br>
<label>Source:</label>
<input type="text" name="src"><br></b><br>
<label>Destination:</label><input type="text" name="dstn"><br></b><br>
<label>Date:</label><input type="date" name="date"><br></b><br>
<input type="submit" name="Submit">
<input type="reset" name="Reset">
</form>
</body>
</html>
```

addl.php

```
<?php
$num=$_POST['num'];
$name=$_POST['name'];
$src=$_POST['src'];
$dstn=$_POST['dstn'];
$date=$_POST['date'];
$con=new mysqli("localhost","fisat","fisat","fisatdb");
if($con==false)
{
echo "Failed to connect\n";
}
else
{
echo "connected\n";
}
$sql="INSERT INTO airline028 VALUES($num,'$name','$src','$dstn','$date')";
if($con->query($sql))
{
echo "<BR>";
echo "New row added\n";
}
else
{
echo "ERROR:could not execute query";
}
$con->close();
?>
```

search.html

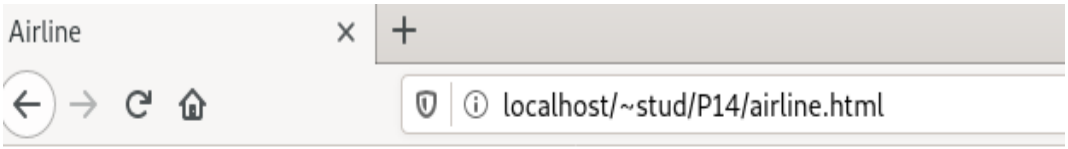
```
<html>
<head>
<title>search</title>
<style>
label {
 display: inline-block;
 width: 300px;
   }
</style>
</head>
<body>
<form name="frm2" action="searchl.php" method="POST">
<b><u>SEARCH AIRLINE</u></b><br><br>
<label>Enter Source:</label>
<input type="text" name="src"><br><br>
<label>Enter Destination: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

searchl.php

```
<?php
$src=$_POST['src'];
$dstn=$_POST['dstn'];
$con=new mysqli("localhost","fisat","fisat","fisatdb");
if($con==false)
{
echo "Failed to connect";
}
else
{
echo "connected\n";
}
$sql="select * from airline028 where Source='$src' and Destination='$dstn'";
if($result=$con->query($sql))
{
if($result->num_rows>0)
{
while($row=$result->fetch_array())
{ echo "\n".$row[0].":".$row[1].":".$row[2].":".$row[3].":".
  $row[4]."\n\n";}

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

OUTPUT

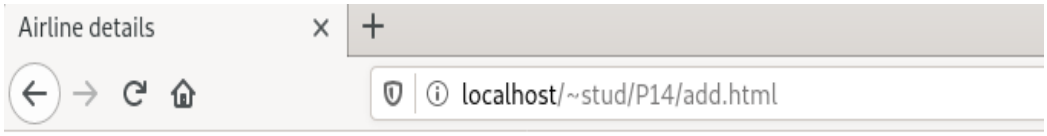
```
MariaDB [fisatdb]> select * from airline028;
+----------------+------+-----------+-------------+------------+
| Airline_number | Name | Source    | Destination | Date       |
+----------------+------+-----------+-------------+------------+
|             16 | ABC  | TVM       | Pune        | 2022-02-28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



AIRLINE SYSTEM

Add Airline

Search Airline



Enter Airline Details

Airline Number: 2

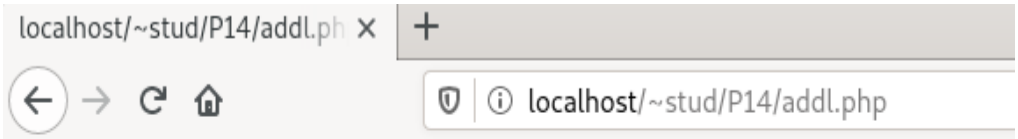
Name: Air india

Source: Kochi

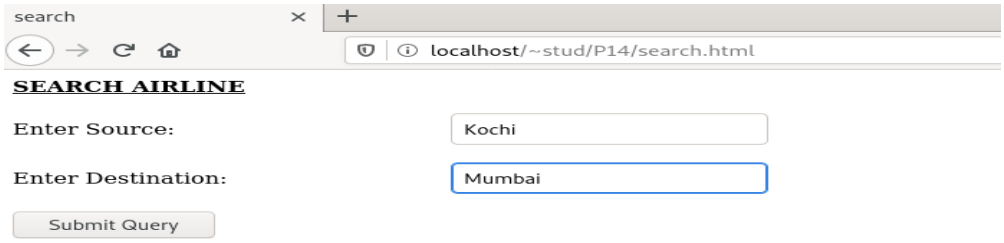
Destination: Mumbai

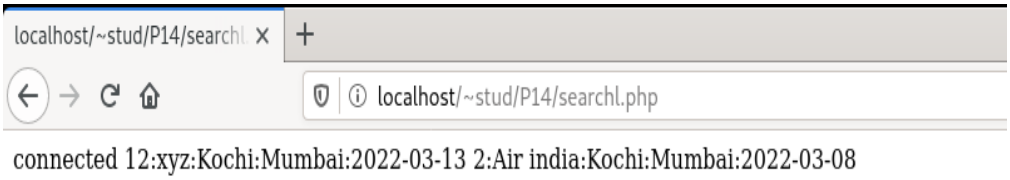
Date: 08 / 03 / 2022

Submit Query Reset



connected
New row added


search
localhost/~stud/P14/search.html
SEARCH AIRLINE
Enter Source:
Kochi
Enter Destination:
Mumbai
Submit Query


localhost/~stud/P14/searchl
localhost/~stud/P14/searchl.php
connected 12:xyz:Kochi:Mumbai:2022-03-13 2:Air india:Kochi:Mumbai:2022-03-08