FEDERAL INSTITUTE OF SCIENCE AND TECHNOLOGY (FISAT)™

HORMIS NAGAR, MOOKKANNOOR, ANGAMALY-683577

FOCUS ON EXCELLENCE

20MCA133 WEB PROGRAMMING LAB

LABORATORY RECORD

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Semester: 1 Batch: A Roll No: 6

University Registration Number: FIT21MCA-2006

MARCH 2022

FEDERAL INSTITUTE OF SCIENCE AND TECHNOLOGY (FISAT)™

HORMIS NAGAR, MOOKKANNOOR, ANGAMALY-683577

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CERTIFICATE

This is to certify that this is a Bonafide record of the Practical work done by ***ADHEENA JOY (FIT21MCA-2006)*** *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

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Experiment Number: 1

AIM

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

PROGRAM CODE

```
<html>

<head>
<title>
About native place</title>
</head>
<body bgcolor="pink">
<h1><u><center><b><font face="verdana"
color="black">THRISSUR</font></b></center></u></h1>
<center><img src=" /home/ccf/Pictures/Vadakkunnathan-Temple.jpg"
weight="250" height="290"></center><br>
<center><a href="https://thrissur.nic.in"> Go to Thrissur website
</a></center>
<h2><i><b><center><font face="ariel" color="black">
The Famous Tourist Place</font></b></i></h2></center>
<p align="center"><em>Thrissur, the district located in the middle of
kerala<br>Thrissur is famous especially for its tourism, the famous tourist
attraction<b><strong> " ATHIRAPALLY"</b></strong> is located in the
thrissur district.<br>Also <b><strong>"THRISSUR POORAM"
</b></strong>is a famous celebration in kerala. </em></p>
<p align="center"<em>its unique culture and traditions, coupled with its
varied demography, have made Thrissur one of the most popular tourist
destinations in Kerala</em></p><br>
<h4>famous attractions</h4>
<ul>
<li>Thrissur pooram</li>
<li>Athirapally</li>
<li>Vazhachal</li>
<li>Ezhattumugham</li>
<li>Thumburmuzhy</li>
<li>Chalakudy River</li>
<li>Peechi Dam</li>

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

OUTPUT

THRISSUR

Go to Thrissur website

The Famous Tourist Place

Thrissur, the district located in the middle of kerala
Thrissur is famous especially for its tourism, the famous tourist attraction " ***ATHIRAPALLY****" is located in the thrissur district.*
*Also "****THRISSUR POORAM****" is a famous celebration in kerala.*

its unique culture and traditions, coupled with its varied demography, have made Thrissur one of the most popular tourist destinations in Kerala

famous attractions

- Thrissur pooram
- Athirapally
- vazhachal
- Ezhattumughum
- thumburmuzhy
- chalakudy River
- Peechi Dam

Experiment Number: 2

AIM

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

PROGRAM CODE

```
<html>
 <head><title>biodata</title></head>
 <body bgcolor="cyan">
 <h1><u><center>BIODATA</center></u></h1>
 <center><img src="/home/ccf/Pictures/biodata1.jpg" width="300"
 height="360"></center><br>
 <center>
 <table border="4"  width="600"  height="500">
 <tr align="center">
 <td colspan=2>Biodata</th>
 </tr>
 <tr align="center">
 <td> name:</td>
 <td>Adheena Joy</td>
 </tr>
 <tr align="center">
 <td> Age:</td>
 <td>21</td>
 </tr>
 <tr align="center">
 <td> Sex:</td>
 <td> Female</td>
 </tr>
 <tr align="center">
 <td> DOB</td>
 <td>09-08-2000</td>
 <tr align="center">
 <td> blood:</td>
 <td> O positive</td>
 </tr>
 <tr align="center">
 <td> Nationality:</td>
 <td>Indian</td>
 </tr>
```

```
<tr align="center">
<td>Religion:</td>
<td>Christian</td>
</tr>
<tr align="center">
<td> Address:</td>
<td>Nayathodan (h)<br>
   Chalakudy</td>
</tr>
<tr align="center">
<td>Phone:</td>
<td>1234567890</td>
</tr>
<tr align="center">
<td>mail id:</td>
<td> adheenanj.2000@gmail.com</td>
</tr>
<tr align="center">
<td> Educational Qualification:</td>
<td> BCA</td>
</tr>
<td align="center"
<td>Hobbies</td>
<td>
<ul>
<li>Playing</li>
<li>Drawing</li>
<li>Cooking</li>
<li>Gardening</li>
</ul>
</td>
</table>
<a href="https://createmybiodata.com">Create your's</a>
</center>
</body>
</html>
```

OUTPUT

BIODATA

Biodata	
name:	Adheena Joy
Age:	21
Sex:	Female
DOB	09-08-2000
blood:	O positive
Nationality:	Indian
Religion:	Christian
Address:	Nayathodan (h) Chalakudy
Phone:	1234567890
mail id:	adheenanj.2000@gmail.com
Educational Qualification:	BCA
Hobbies	• Playing • Drawing • Cooking • Gardening

Create your's

Experiment Number: 3

AIM

Create an application form for MCA course in FISAT.

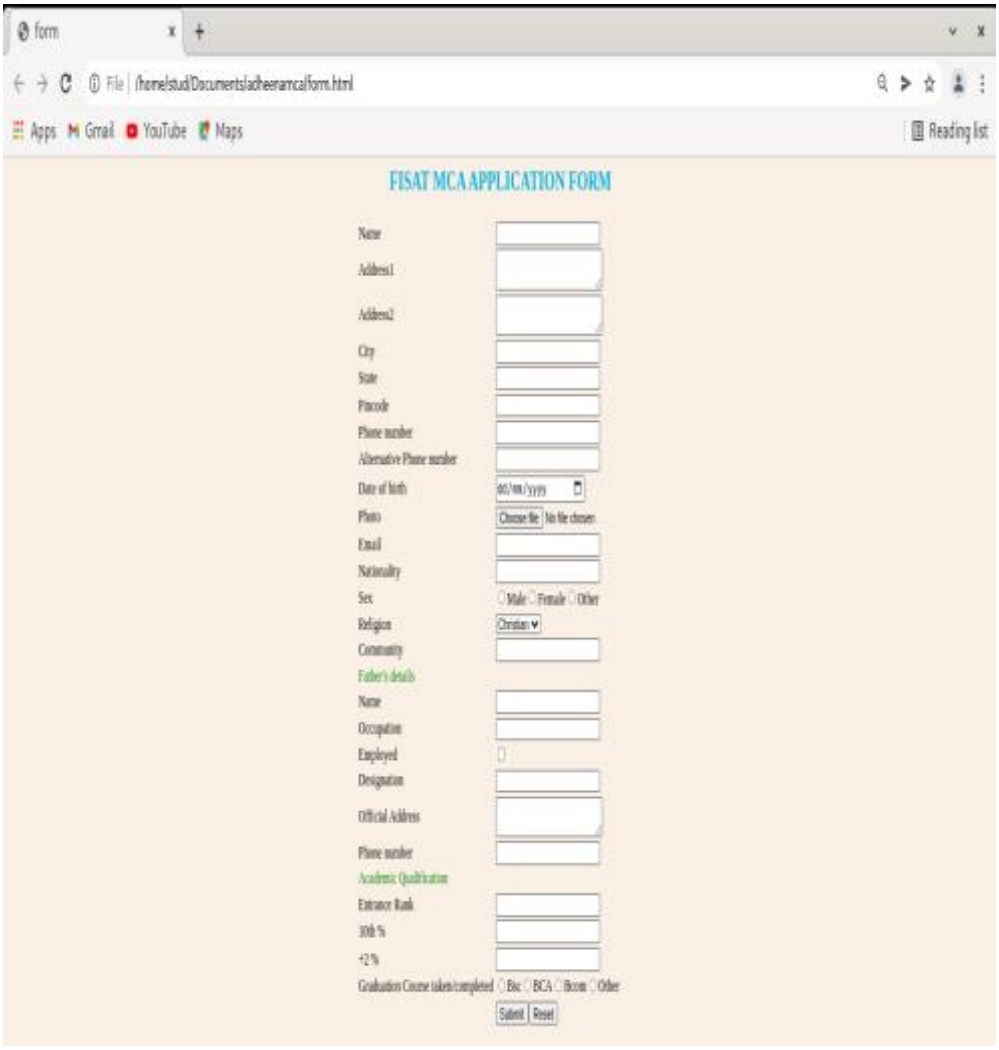
PROGRAM CODE

```
<html>
<head>
<title>form</title>
</head>
<body bgcolor="linen" align="center" font color="Black">
<h2><font color="sky blue">FISAT MCA
APPLICATION  FORM</font></h2>
<form>
<table align="center">
<tr>
<td>Name</td>
<td><input type="textfield"></td>
</tr>
<tr>
<td>Address1</td>
<td><textarea></textarea></td>
</tr>
<tr>
<td>Address2</td>
<td><textarea></textarea></td> </tr>
<tr>
<td>City</td>
<td><input type="textfield"></td> </tr>
<tr>
<td>State</td>
<td><input type="textfield"></td> </tr>
<tr>
<td>Pincode</td>
<td><input type="textfield"></td> </tr>
<tr>
<td>Phone number</td>
<td><input type="textfield"></td> </tr>
<tr>
<td>Alternative Phone number</td> <td><input type="textfield"></td> </tr>
<tr>
<td>Date of birth</td>
```

```
<td><input type="date"></td> </tr>
<tr>
<td>Photo</td>
<td><input type="file"></td> </tr>
<tr>
<td>Email</td>
<td><input type="email"></td> </tr>
<tr>
<td>Nationality</td>
<td><input type="textfield"></td> </tr>
<tr>
<td>Sex</td>
<td><input type="radio" name="sex"
value="Male"><label  for="Male">Male</label></input><input type="radio"
name="sex"  value="Female"><label
for="Female">Female</label></input><input  type="radio" name="sex"
value="Other"><label
for="Other">Other</label></input></td>
</tr>
<tr>
<td>Religion</td>
<td><select>
<option>Hindu
<option selected>Christian
<option>Muslim
<option>Other
</select></td>
</tr>
<tr>
<td>Community</td>
<td><input type="textfield"></td>
</tr>
<tr>
<td><font color="green">Father's details</font>
</tr>
<tr>
<td>Name</td>
<td><input type="textfield"></td> </tr>
<tr>
<td>Occupation</td>
<td><input type="textfield"></td> </tr>
<tr>
<td>Employed</td>
<td><input type="checkbox"></td> </tr>
<tr>
<td>Designation</td>
```

```
<td><input type="textfield"></td> </tr>
<tr>
<td>Official Address</td>
<td><textarea></textarea></td> </tr>
<tr>
<td>Phone number</td>
<td><input type="textfield"></td>
</tr>
<tr>
<td><font color="green">Academic Qualification</font> </tr>
<tr>
<td>Entrance Rank</td>
<td><input type="textfield"></td>
</tr>
<tr>
<td>10th %</td>
<td><input type="textfield"></td>
</tr>
<tr>
<td>+2 %</td>
<td><input type="textfield"></td>
</tr>
<tr>
<td>Graduation Course taken/completed</td>
<td><input type="radio" name="Degree"
value="Bsc"><label  for="Bsc">Bsc</label></input><input type="radio"
name="Degree"  value="BCA"><label
for="BCA">BCA</label></input><input  type="radio" name="Degree"
value="Degree"><label  for="Bcom">Bcom</label></input><input
type="radio"  name="Degree" value="Other"><label
for="Other">Other</label></input></td>
</tr>
<tr>
<td></td>
<td><input type="Submit"><input type="Reset"></td> </tr>
</table>
</form>
</body>
</html>
```

OUTPUT


form
File | /home/stud/Documents/adheeramca/form.html
Apps
Gmail
YouTube
Maps
Reading list
FISAT MCA APPLICATION FORM
Name
Address1
Address2
City
State
Pincode
Phone number
Alternative Phone number
Date of birth
dd/mm/yyyy
Photo
Choose file
No file chosen
Email
Nationality
Sex
Male
Female
Other
Religion
Christian
Community
Father's details
Name
Occupation
Employed
Designation
Official Address
Phone number
Academic Qualification
Entrance Rank
10th %
+2 %
Graduation Course taken/completed
Bsc
BCA
Bcom
Other
Submit
Reset

Experiment Number: 4

AIM

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

PROGRAM CODE

FLOATING FRAME

```
<html>
<head>
<title>floating frame</title>
</head>
<body>
The <frame> is used to divide the the screen window into different parts<br><br><br>
<iframe
src="/home/stud/adheenamca/personal_details.html"></iframe> </body>
</html>
```

OUTPUT

NAVIGATION FRAME

Main frame

```
<html>
<head>
<title>biodata with frame</title>
</head>
<frameset cols="300,*">
<frame name="frame1"
src="/home/stud/adheenamca/frame1.html"> <frame name="frame2"
src="/home/stud/adheenamca/frame2.html"> </frameset>
</html>
```

Frame 1

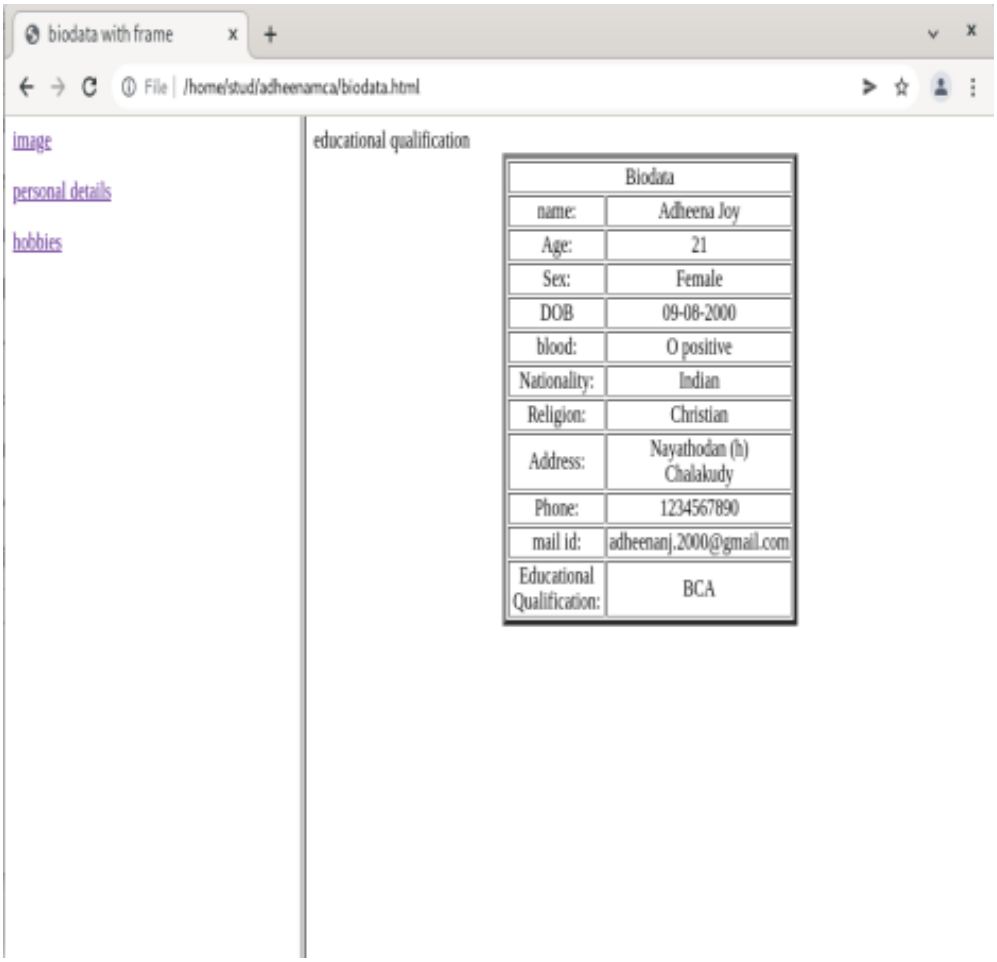
```
<html>
<head><title>biodata</title></head>
<body>
<a
href="/home/stud/adheenamca/personal_details.html"  target="frame2">perso
nal details</a><br>
<br>
<a
href="/home/stud/adheenamca/hobbies.html"  target="frame2">hobbies</a>
</body>
</html>
```

Personal Details

```
<html>
<head>
</title>educational qualification</title> <head>
<body>
<center>
<table border="4" width="300" height="300"> <tr align="center">
<td colspan=2>Biodata</th>
</tr>
<tr align="center">
<td> name:</td>
<td>Adheena Joy</td>
</tr>
<tr align="center">
<td> Age:</td>
<td>21</td>
</tr>
<tr align="center">
```

```
<td> Sex:</td>
<td> Female</td>
</tr>
<tr align="center">
<td> DOB</td>
<td>09-08-2000</td>
<tr align="center">
<td> blood:</td>
<td> O positive</td>
</tr>
<tr align="center">
<td> Nationality:</td>
<td>Indian</td>
</tr>
<tr align="center">
<td>Religion:</td>
<td>Christian</td>
</tr>
<tr align="center">
<td> Address:</td>
<td>Nayathodan (h)<br>
 Chalakudy</td>
</tr>
<tr align="center">
<td>Phone:</td>
<td>1234567890</td>
</tr>
<tr align="center">
<td>mail id:</td>
<td> adheenanj.2000@gmail.com</td> </tr>
<tr align="center">
<td> Educational Qualification:</td> <td> BCA</td>
</tr>
</table>
</body>
</html>
```

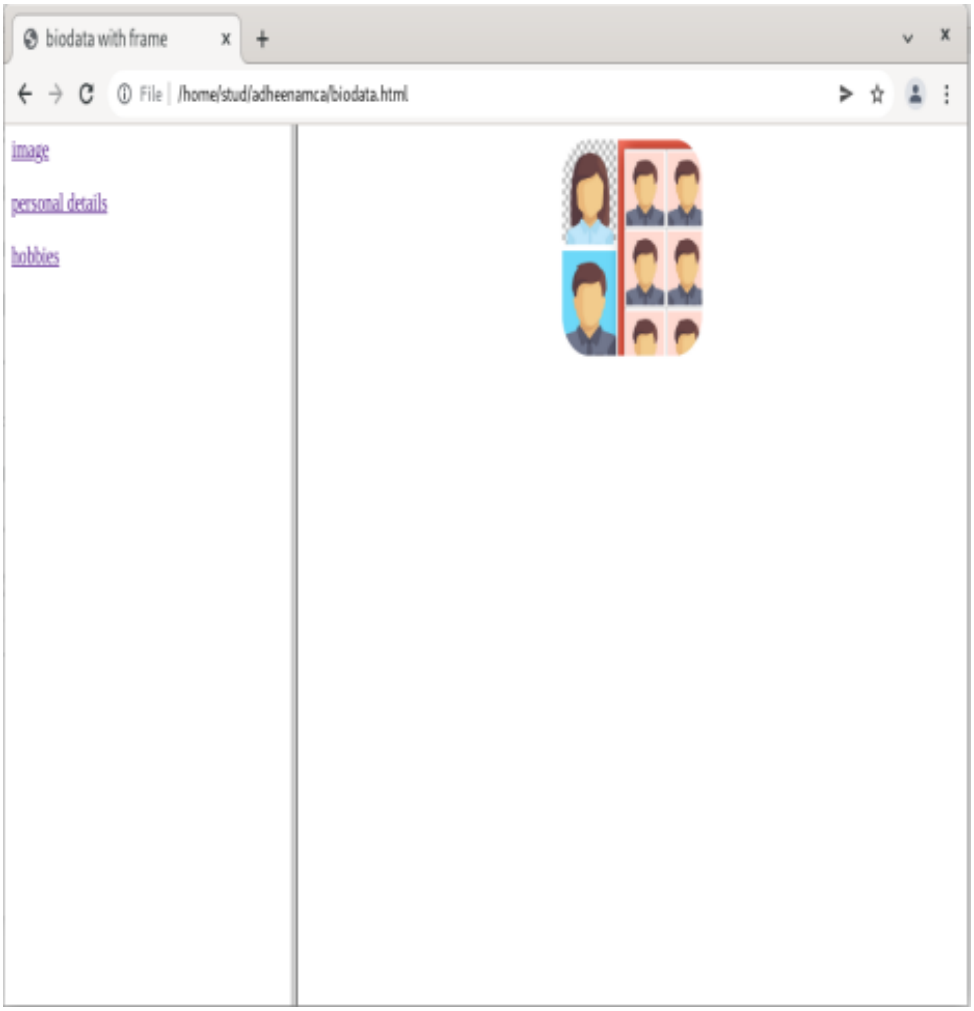
OUTPUT



Image

```
<html>
<head><title>image</title>
<body>
<center><img src="/home/stud/Pictures/biodata.png"  width="150"
height="150"></center><br>
<center>
</body>
</html>
```

OUTPUT

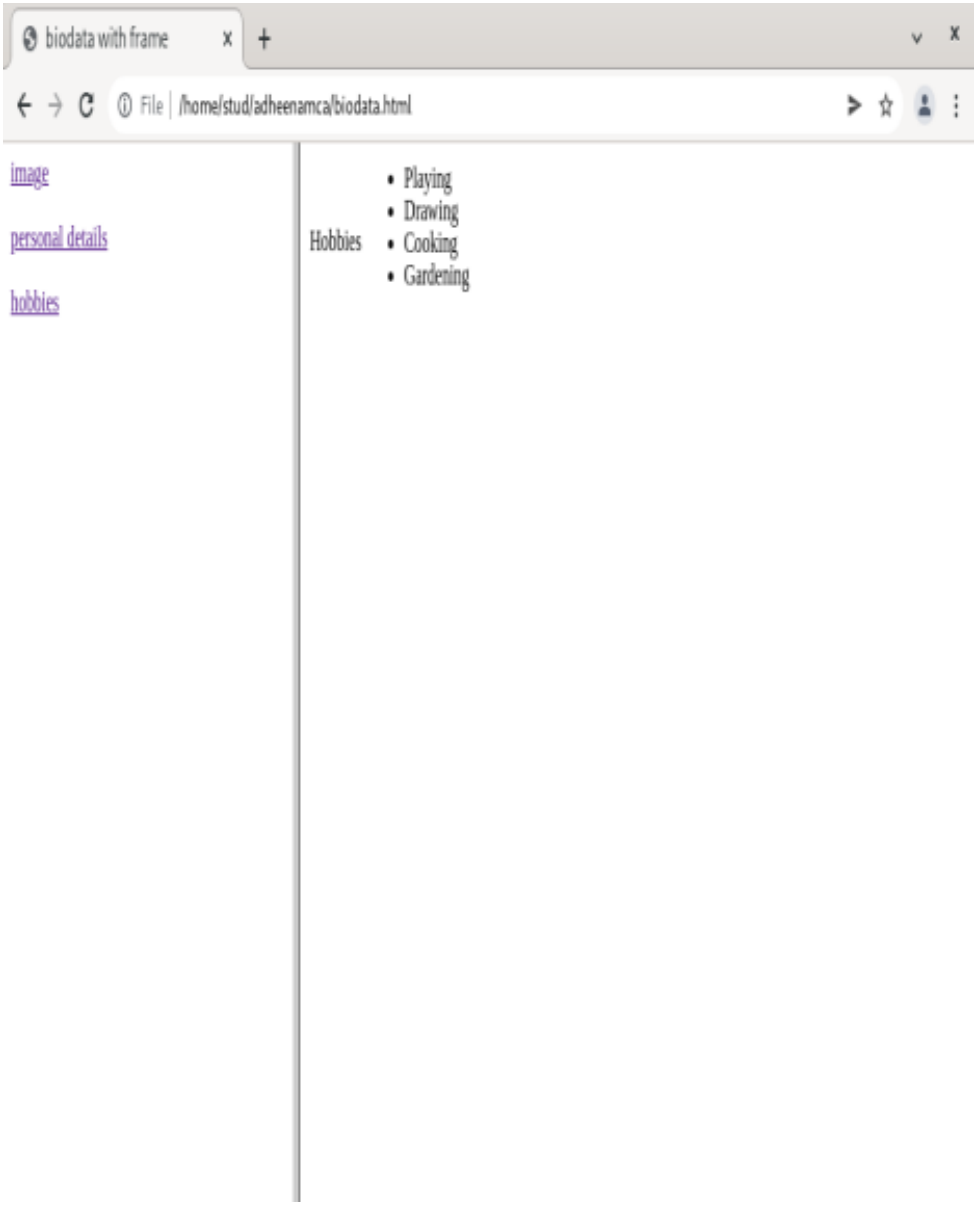


Hobbies

```
<html>
<head>
<title>hobbies</title> </head>
<body>
<table>
<tr>
<td>Hobbies</td> <td>
<ul>
<li>Playing</li> <li>Drawing</li> <li>Cooking</li>
<li>Gardening</li> </ul>
</td>
```

```
</tr>
</table>
</body>
</html>
```

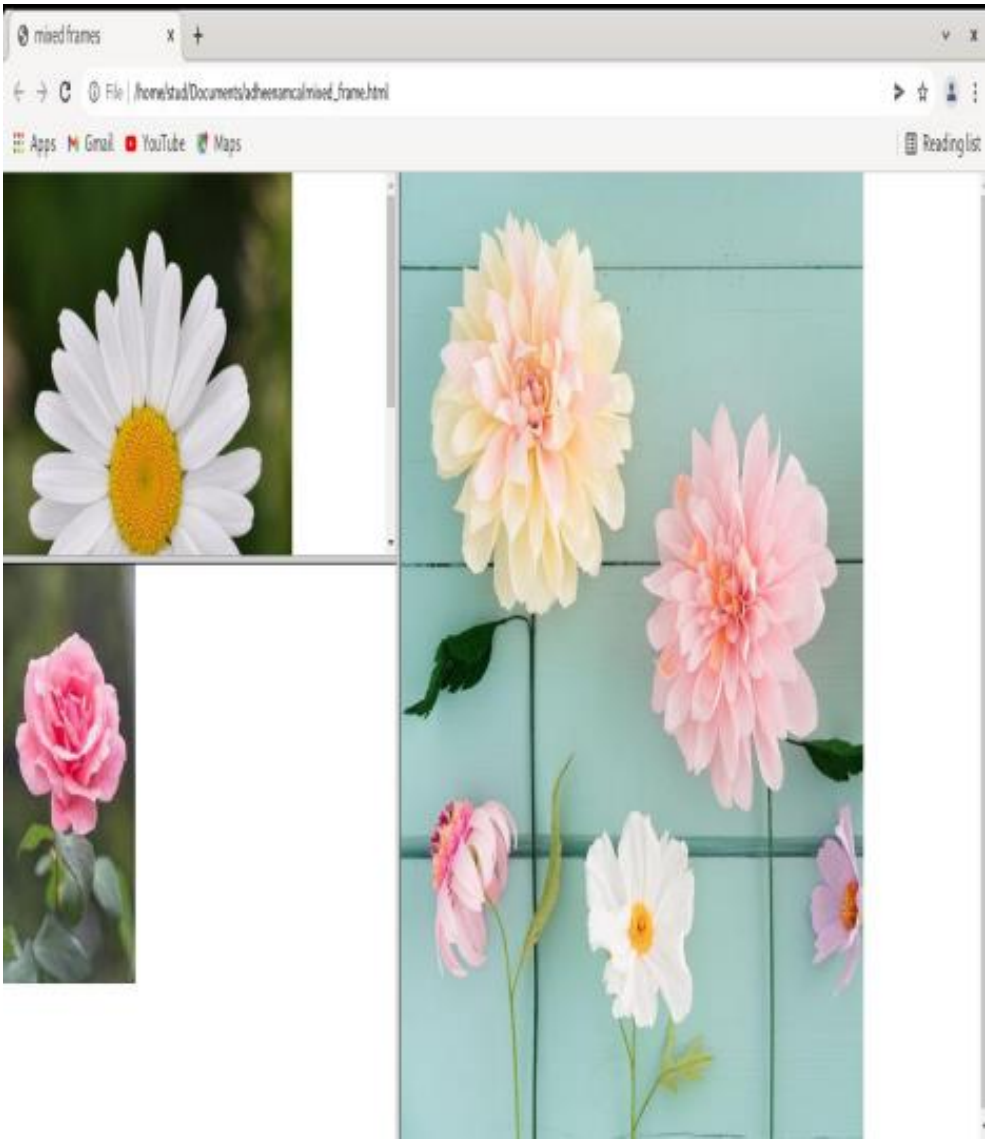
OUTPUT



MIXED FRAME

```
<html>
<head>
<title>mixed frames</title>
</head>
<frameset cols="40%, 60%">
 <frameset rows="200, 300">
 <frame src="/home/stud/Music/pjEHfbdn_400x400.jpg">  <frame
src="/home/stud/Music/index.jpeg">  </frameset>
 <frame src="/home/stud/Music/diy-paper-flowers 1582662788.jpg">
 </frameset>
 </html>
```

OUTPUT



Experiment Number: 5

AIM

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

PROGRAM CODE

INLINE

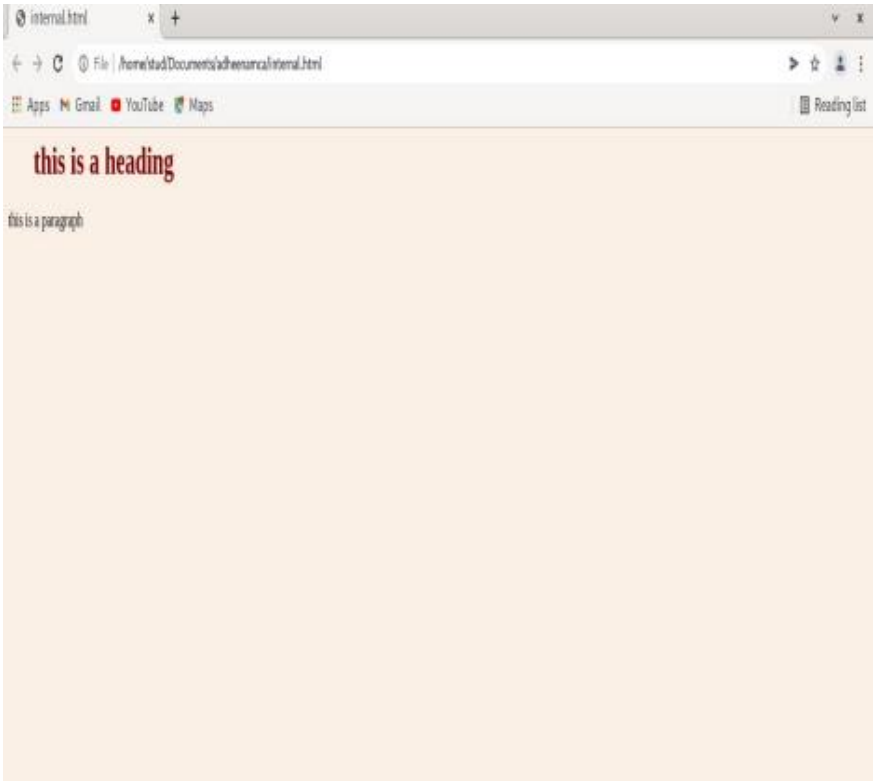
```
<html>
<body>
<h1 style="color:blue;text-align:center;">
This is a heading</h1>
<p style="color:red;">This is a paragraph</p> </body>
</html>
```

OUTPUT

INTERNAL

```
<html>
<head>
<style>
body{
 background-color:linen;  }
 h1{
 color:maroon;
 margin-left:40px;
 }
 </style>
 </head>
 <body>
 <h1>this is a heading</h1>  <p>this is a paragraph</p>  </body>
 </html>
```

OUTPUT



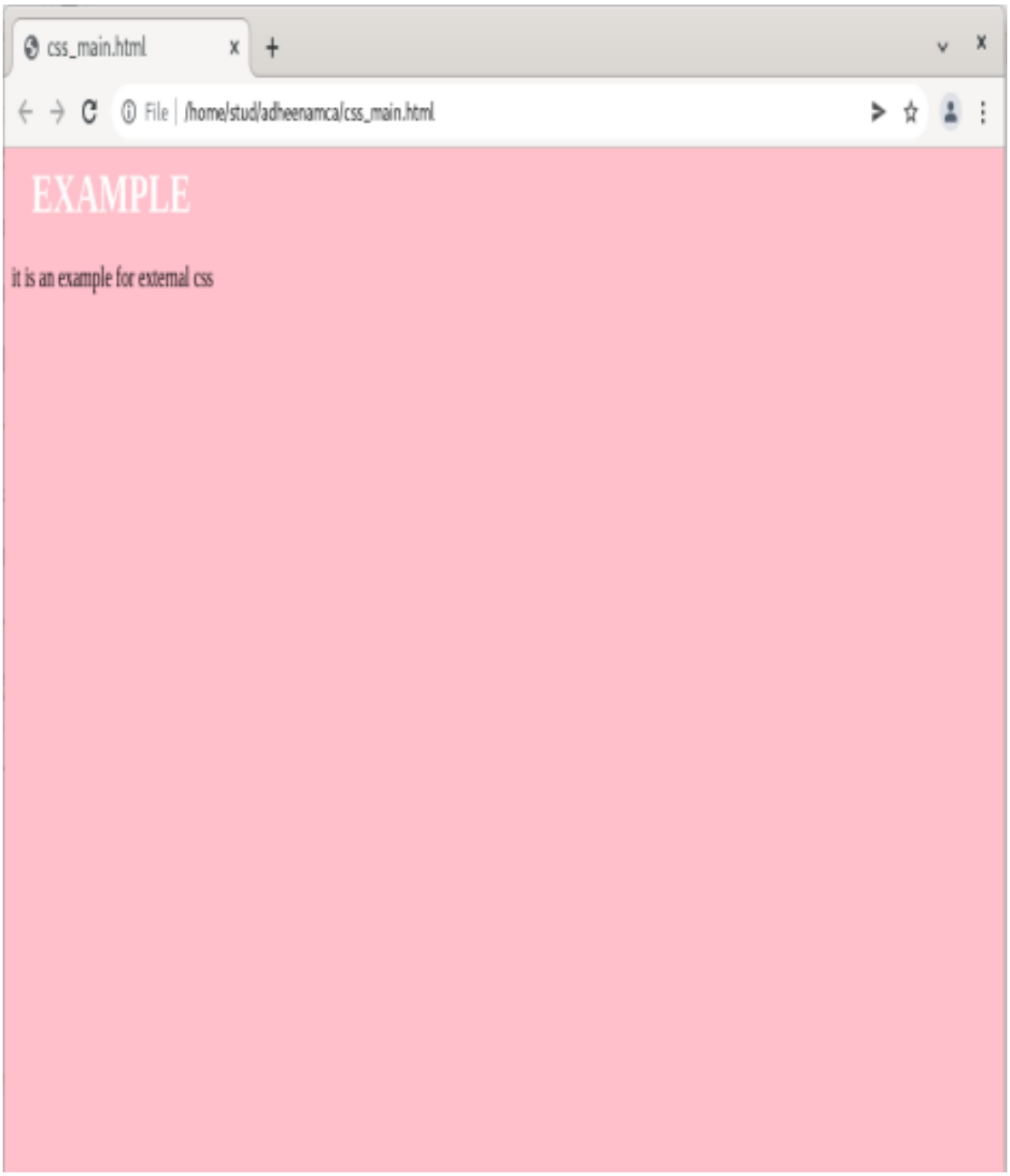
EXTERNAL

```
<html>
<head>
<link rel="stylesheet" href="mystyle.css"> </head>
<body>
<h1>EXAMPLE</h1>
<p>it is an example for external css </p> </body>
</html>
```

mystyle.css

```
body{
 background-color:pink;
 }
h1
 {
 color:white;
 margin-left:20px;
 }
```

OUTPUT


css_main.html
File | /home/stud/adheenamca/css_main.html
EXAMPLE
it is an example for external css

Experiment Number: 6

AIM

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

PROGRAM CODE

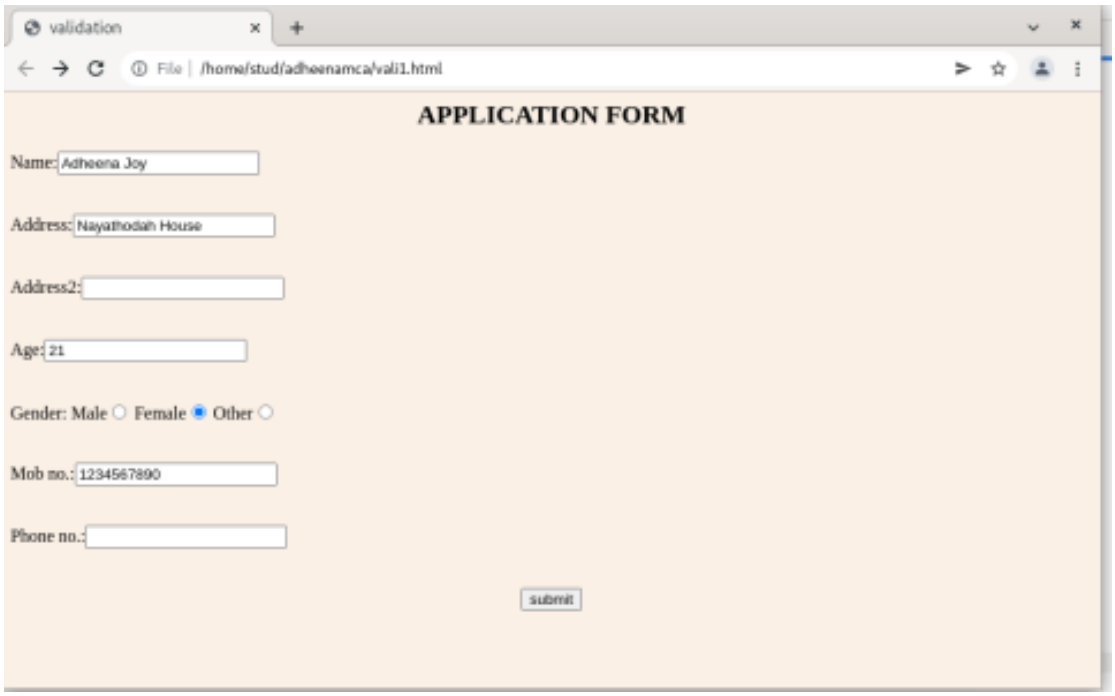
```
<html>
<head>
<title>validation</title>
<script>
function validateform(){
let x=document.forms["myform"]["fname"].value; if(x==""){
alert("name must be required");}
let z=document.forms["myform"]["address"].value; if(z==""){
alert("Address must be filled out");}
let y=document.forms["myform"]["age"].value;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

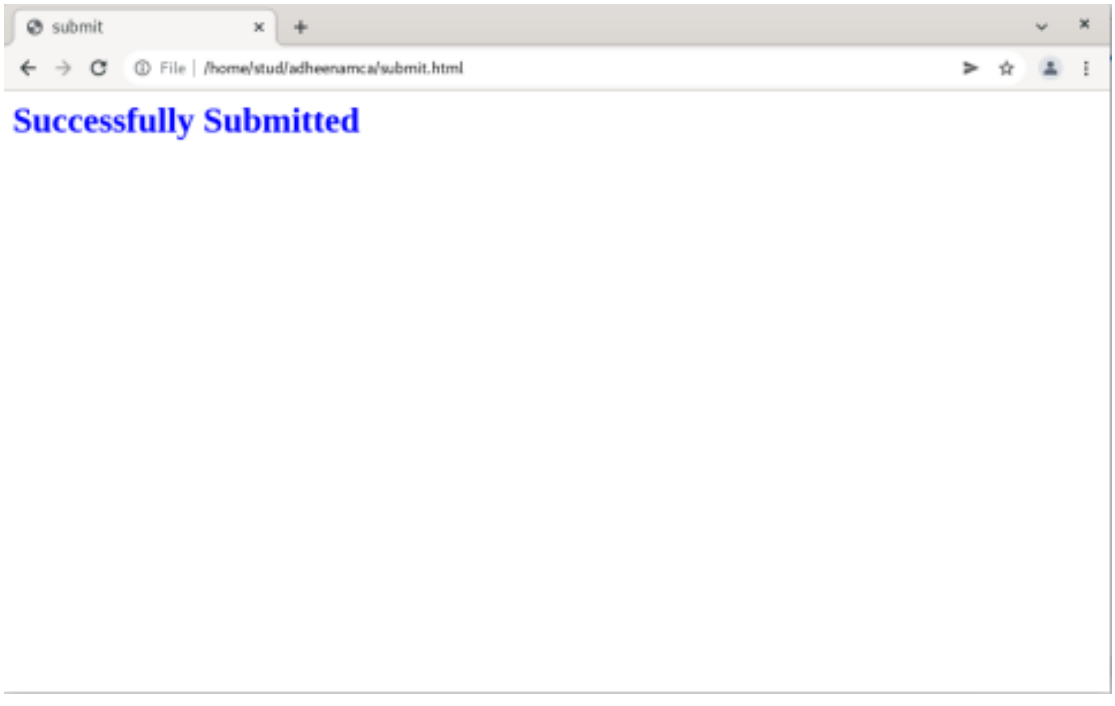
```
<form name="myform" action="submit.html" onsubmit="return  validateform()" method="post">

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

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

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

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

value="o"><br><br><br>

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

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

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

</body>

</html>
```

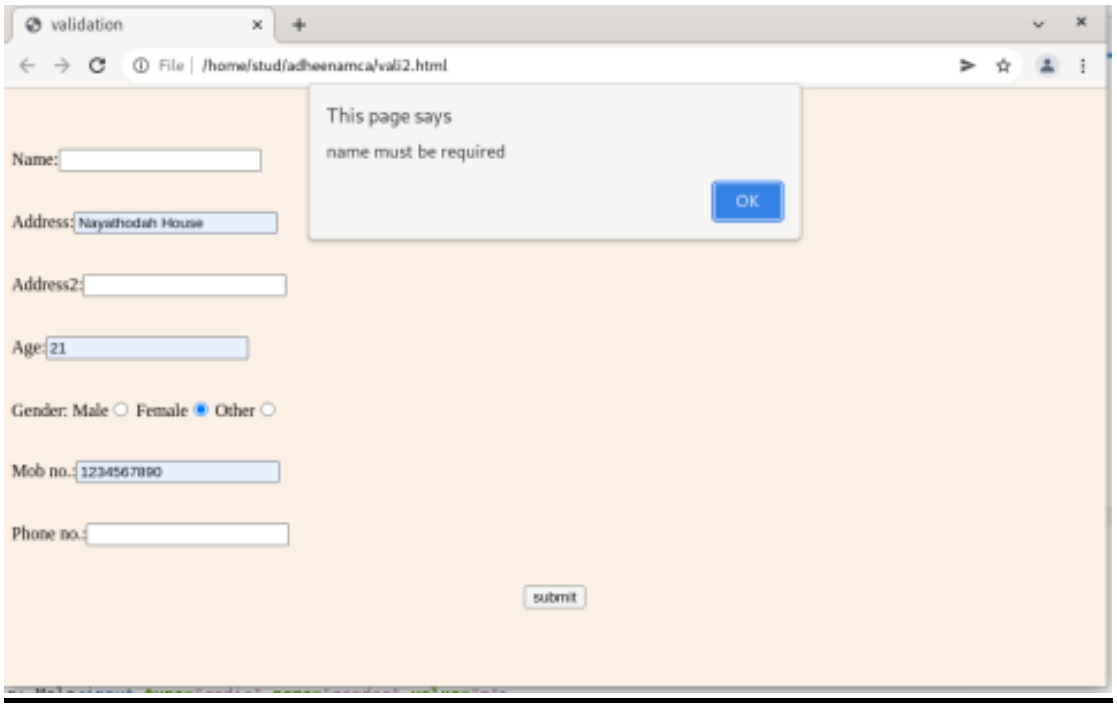
SUBMIT.HTML

```
<html>

<head>

<title>submit</title>

</head>

<body>

<h1><font color="blue">Successfully Submitted</font></h1> </body>

</html>
```

OUTPUT


validation
File | /home/stud/adheenamca/vali1.html
APPLICATION FORM
Name: Adheena Joy
Address: Nayathodah House
Address2:
Age: 21
Gender: Male Female Other
Mob no.: 1234567890
Phone no.:
submit


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


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

Experiment Number: 7

AIM

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

PROGRAM CODE

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

```
}
function repl(){
text="Hello Mellow!";
newtext=text.replace("Mellow", "BooBoo");
alert(newtext);
}
function upper(){
text1="Hello Mellow!";
text2=text1.toUpperCase();
alert(text2);
}
function lower(){
text1="Hello BooBoo!";
text2=text1.toLowerCase();
alert(text2);
}
function cont(){
text1="Hello";
text2="littleTrooper";
text3 = text1.concat(" ", text2);
alert(text3);
}
function tri(){
text1="      Hello BooBoo!      ";
text2=text1.trim();
alert(text2);
}
function at(){
text="HELLO BOOBOO";
char=text.charAt(7);
```

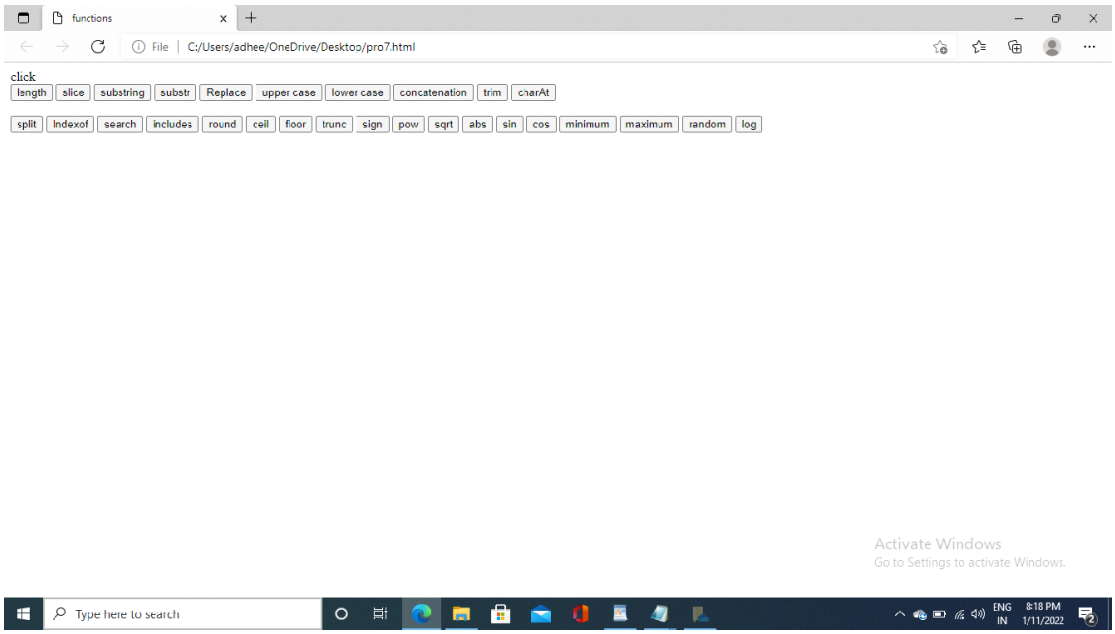
```
alert(char);
}
function spli(){
text="ad hee na";
text1=text.split(" ");
alert(text1);
}
function search(){
str="Please locate where 'locate' occurs!";
str1=str.indexOf("locate");
alert(str1);
}
function sear(){
str="Please locate where 'locate' occurs!";
str1=str.search("locate");
alert(str1);
}
function inclu(){
text="Hello world, welcome to my Fairyland.";
text1=text.includes("world");
alert(text1);
}
function rou(){
num=Math.round(5.6);
alert(num);
}
function cei(){
num=Math.ceil(4.9);
alert(num);
}
```

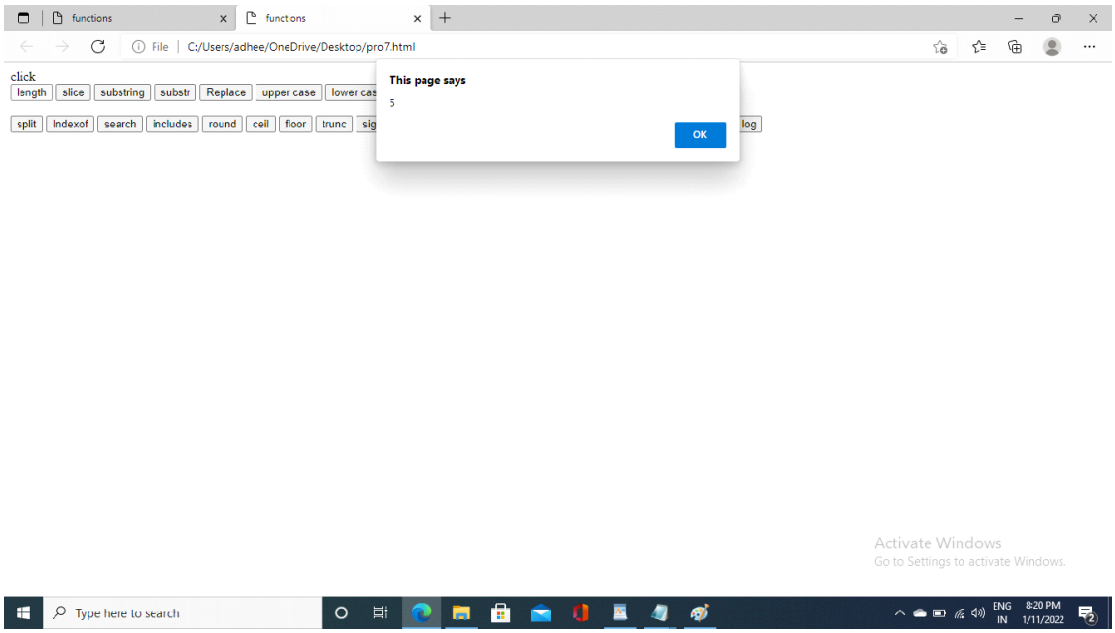
```
function floo(){
num=Math.floor(4.7);
alert(num);
}
function trun(){
num=Math.trunc(4.4);
alert(num);
}
function sig(){
num=Math.sign(-4);
alert(num);
}
function po(){
num=Math.pow(8, 2);
alert(num);
}
function sq(){
num=Math.sqrt(64);
alert(num);
}
function ab(){
num=Math.abs(-4.7);
alert(num);
}
function sin(){
num=Math.sin(90 * Math.PI / 180);
alert(num);
}
function cos(){
num=Math.cos(0 * Math.PI / 180);
```

```
alert(num);
}
function min(){
num=Math.min(0, 150, 30, 20, -8, -200);
alert(num);
}
function max(){
num=Math.max(0, 150, 30, 20, -8, -200);
alert(num);
}
function ran(){
num=Math.random();
alert(num);
}
function log(){
num=Math.log(1);
alert(num);
}
</script>
</head>
<body>click<br>
<input type="button" onclick="count1()" value="length">
<input type="button" onclick="s()" value="slice">
<input type="button" onclick="sub()" value="substring">
<input type="button" onclick="subt()" value="substr">
<input type="button" onclick="repl()" value="Replace">
<input type="button" onclick="upper()" value="upper case">
<input type="button" onclick="lower()" value="lower case">
<input type="button" onclick="cont()" value="concatenation">
<input type="button" onclick="tri()" value="trim">
```

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

OUTPUT


functions
File | C:/Users/adhee/OneDrive/Desktop/pro7.html
click
length slice substring substr Replace upper case lower case concatenation trim charAt
split Indexof search includes round ceil floor trunc sign pow sqrt abs sin cos minimum maximum random log
Activate Windows
Go to Settings to activate Windows.
Type here to search
ENG IN 8:18 PM 1/11/2022


functions
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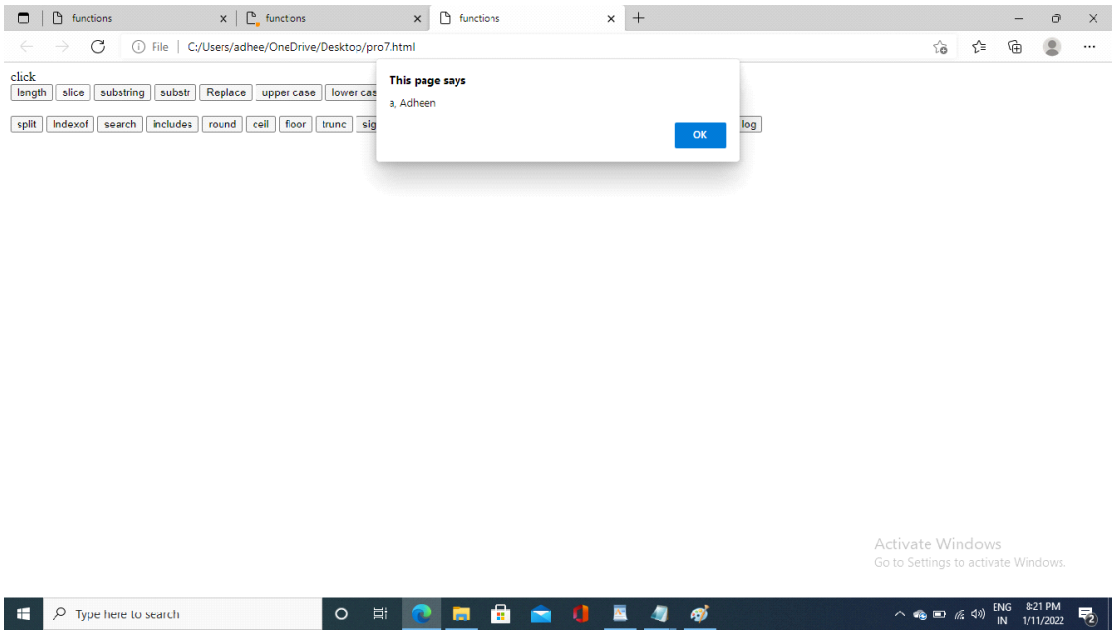
click
This page says
5
OK
Activate Windows
Go to Settings to activate Windows.
Type here to search
ENG IN 8:20 PM 1/11/2022


functions
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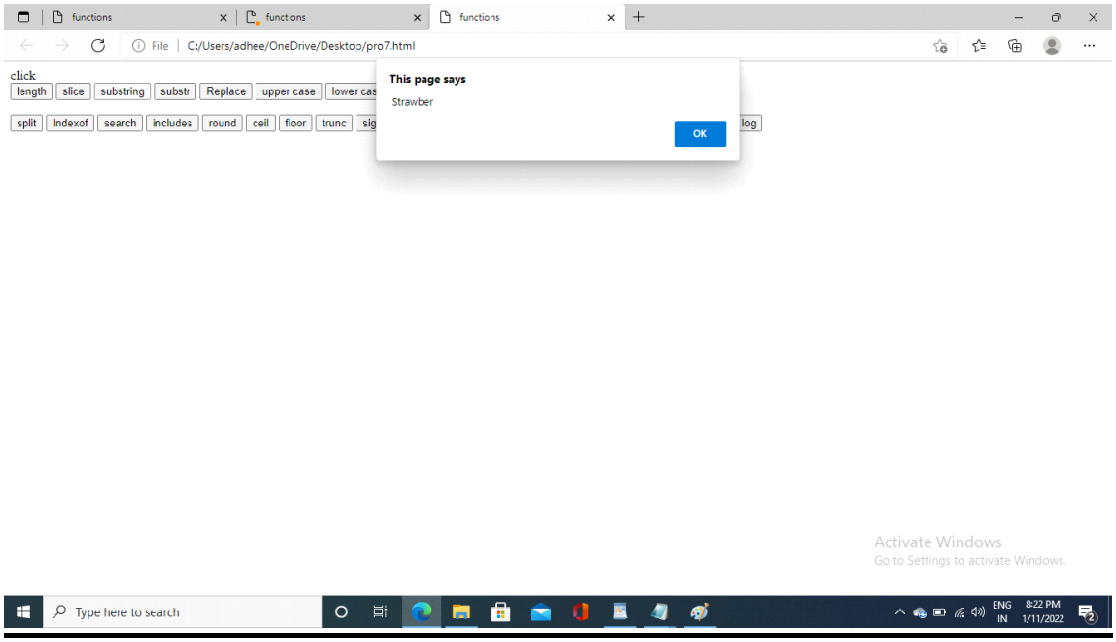
length slice substring substr Replace upper case
split Indexof search includes round ceil floor trunc log
This page says
a, Adheen
OK
Activate Windows
Go to Settings to activate Windows.
Type here to search
ENG IN 8:21 PM 1/11/2022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Activate Windows
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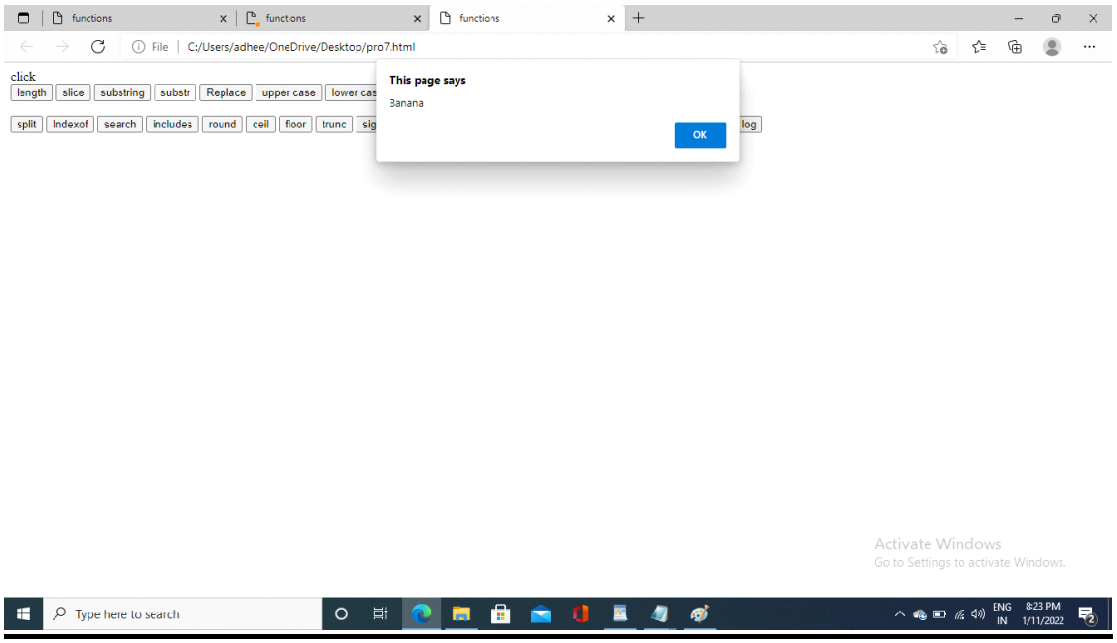
ENG IN 8:22 PM 1/11/2022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length slice substring substr Replace upper case
split Indexof search includes round ceil floor trunc
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This page says
Banana
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Activate Windows
Go to Settings to activate Windows.
Type here to search
ENG
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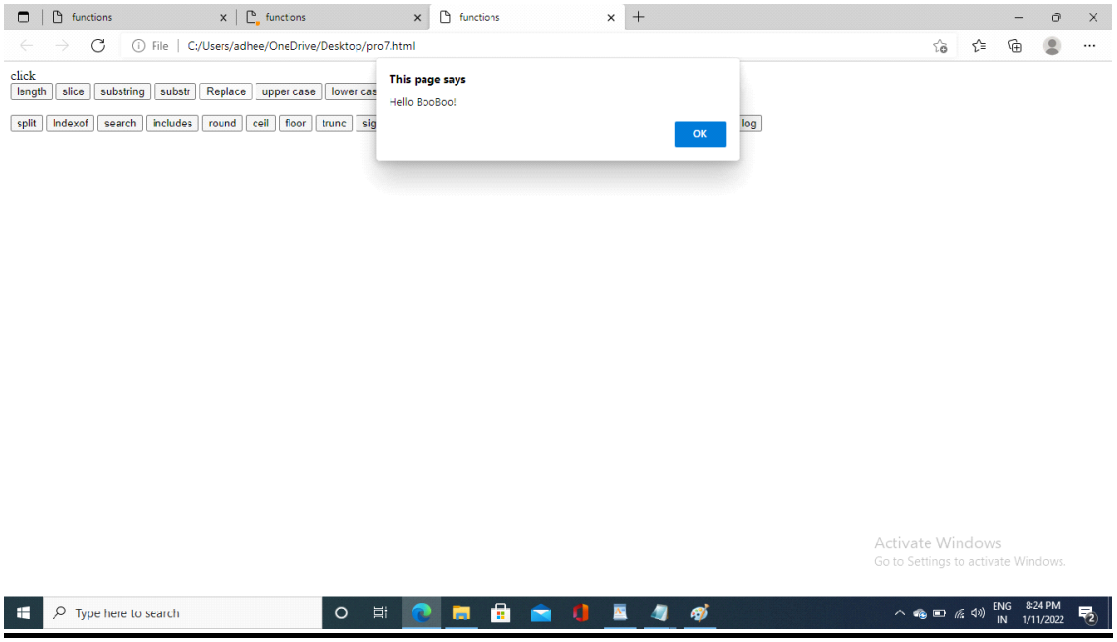
1/11/2022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length slice substring substr Replace upper case
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This page says
Hello BooBoo!
OK
Activate Windows
Go to Settings to activate Windows.
Type here to search
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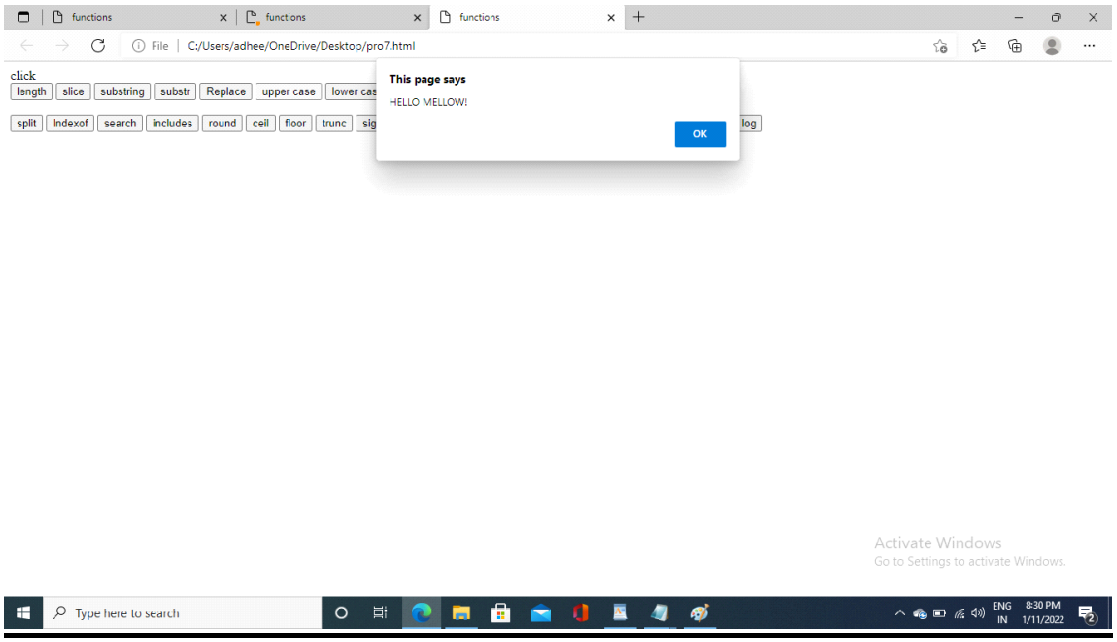
1/11/2022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HELLO MELLOW!
OK
Activate Windows
Go to Settings to activate Windows.
Type here to search
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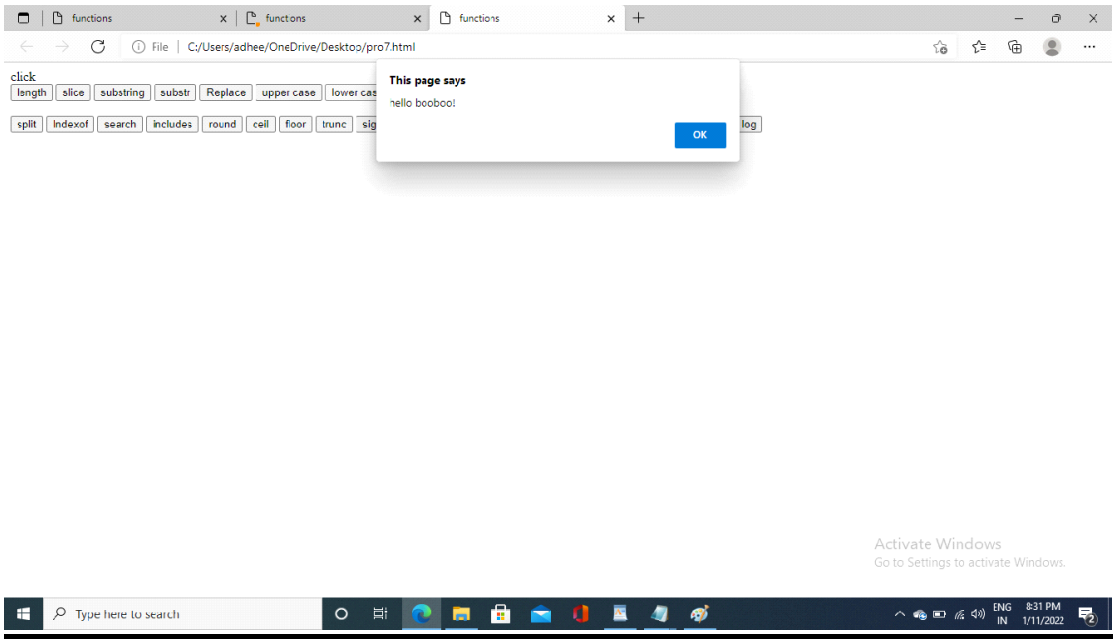
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hello booboo!
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Activate Windows
Go to Settings to activate Windows.
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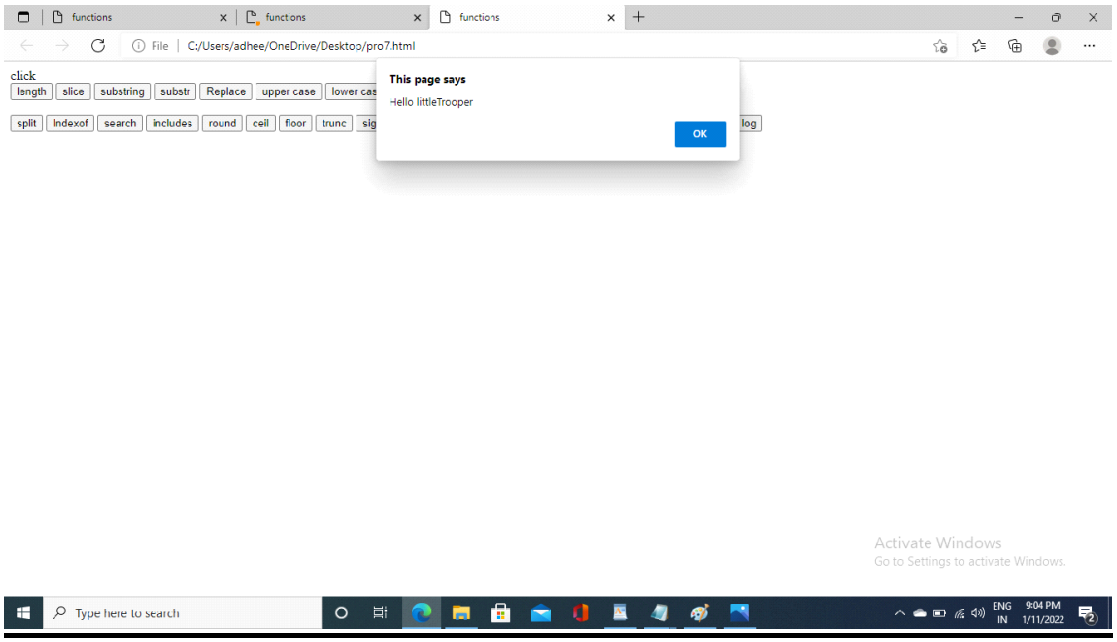
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Hello littleTrooper
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Activate Windows
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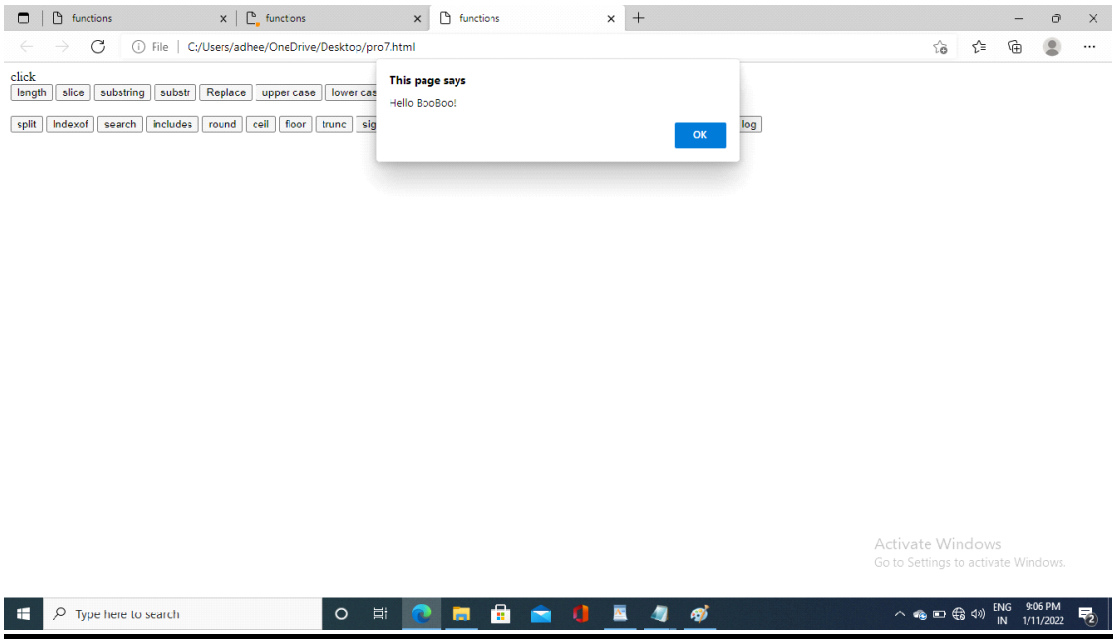
1/11/2022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Hello BooBoo!
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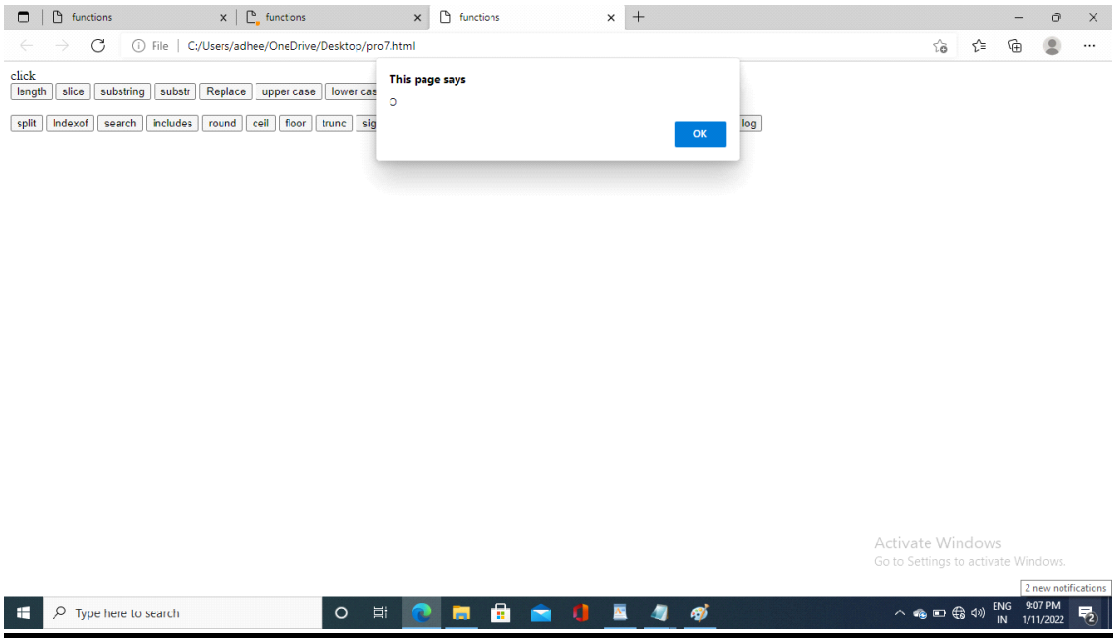
1/11/2022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2 new notifications
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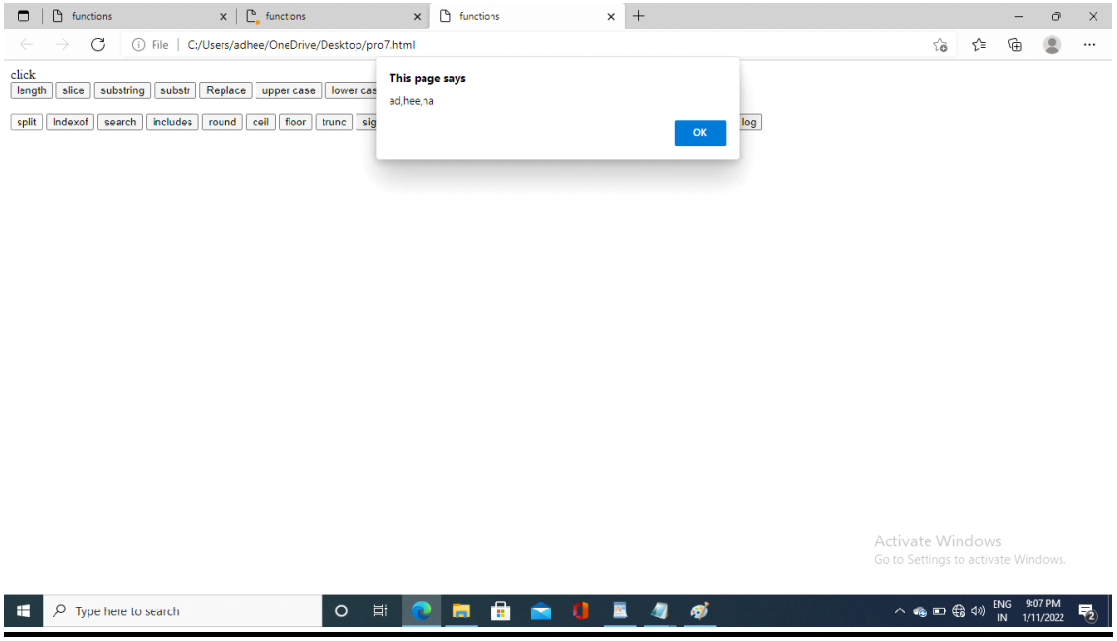
1/11/2022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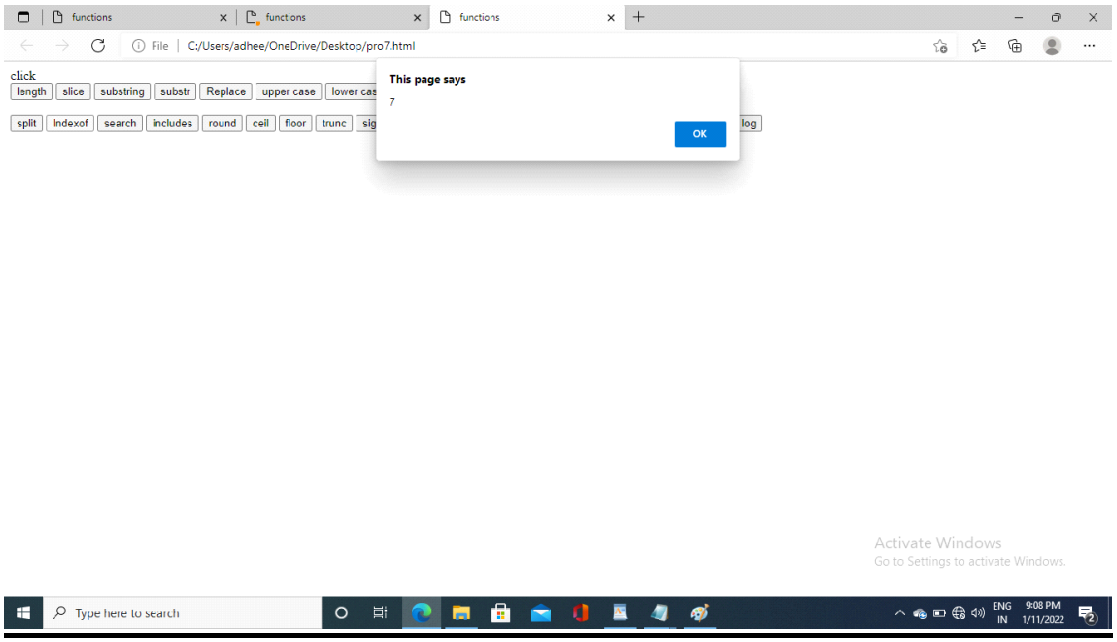
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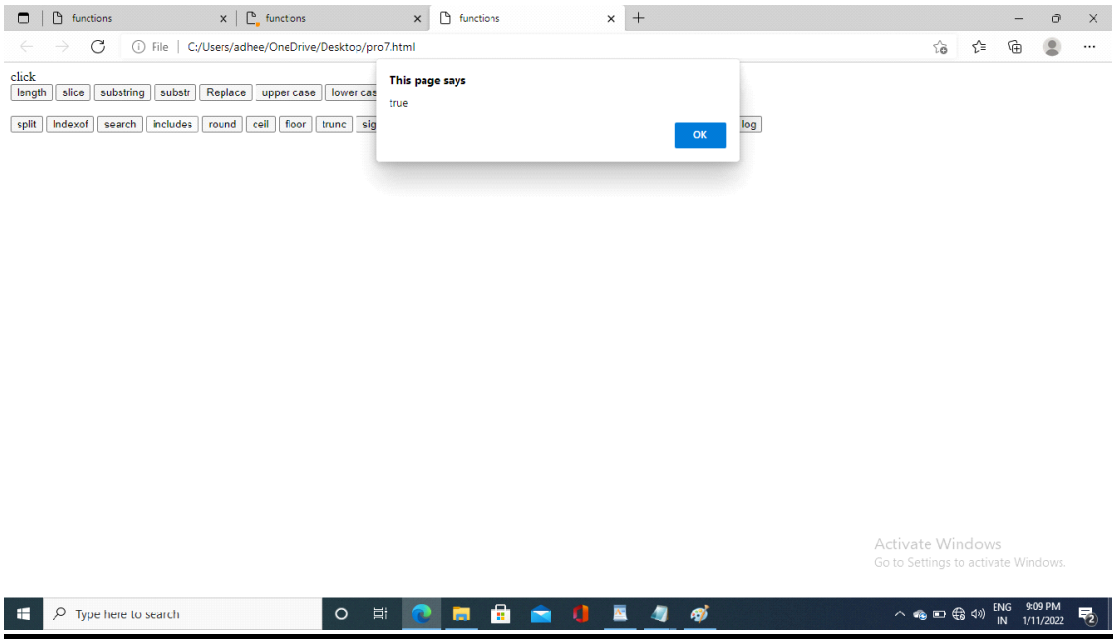
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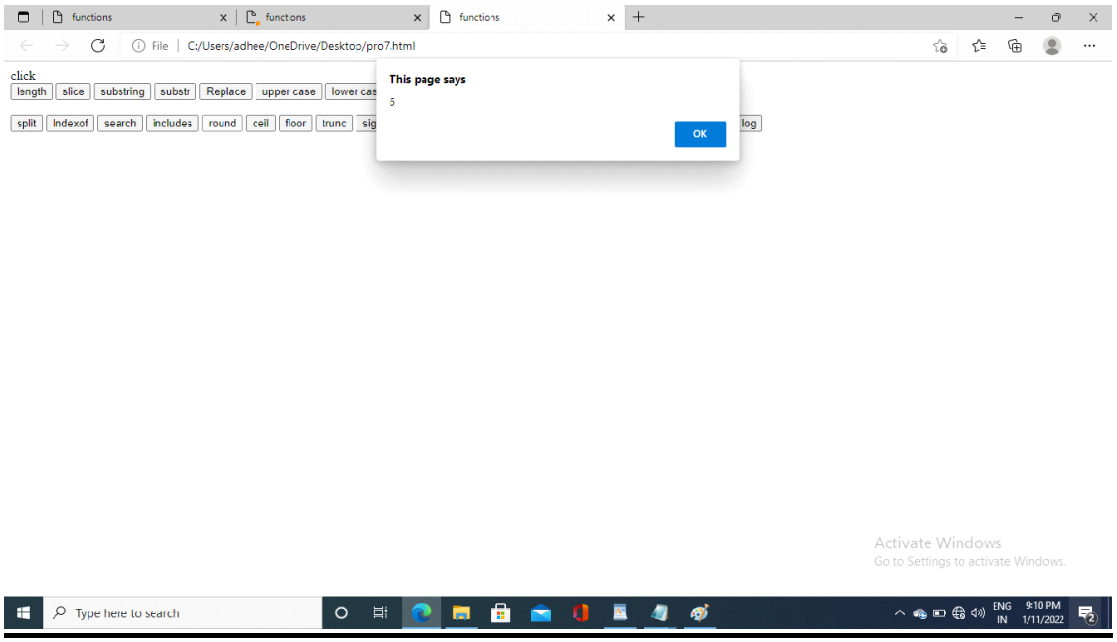
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Go to Settings to activate Windows.
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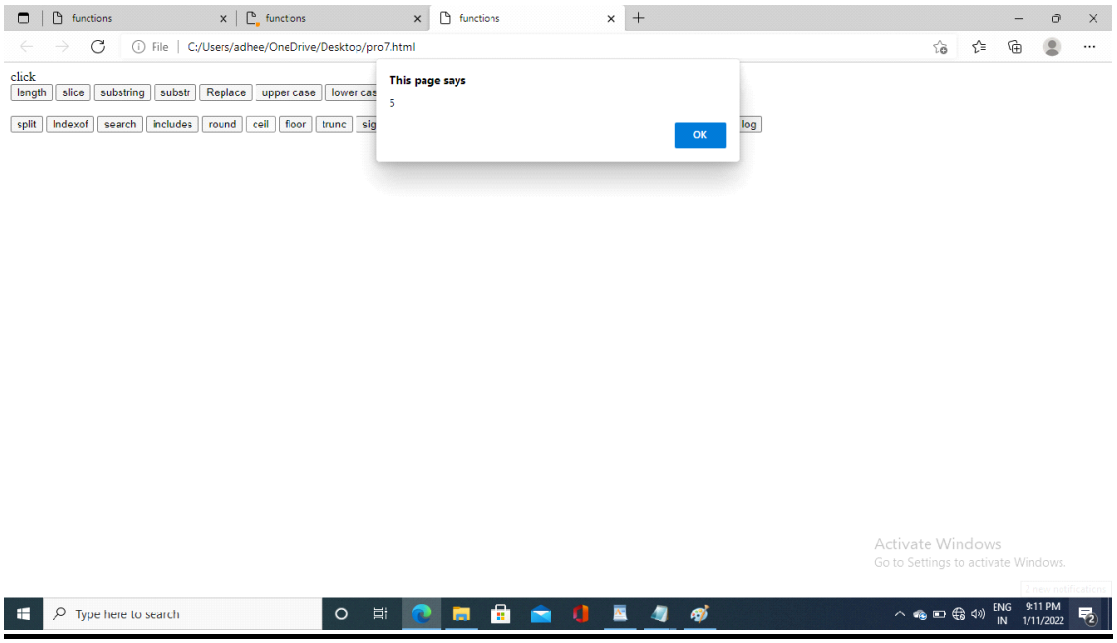
1/11/2022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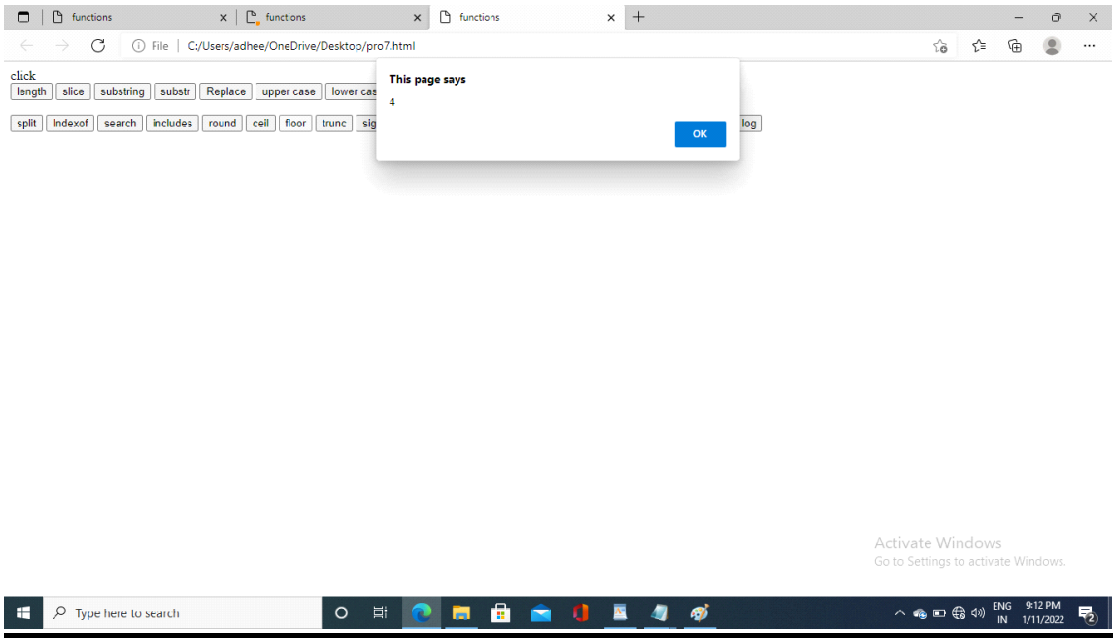
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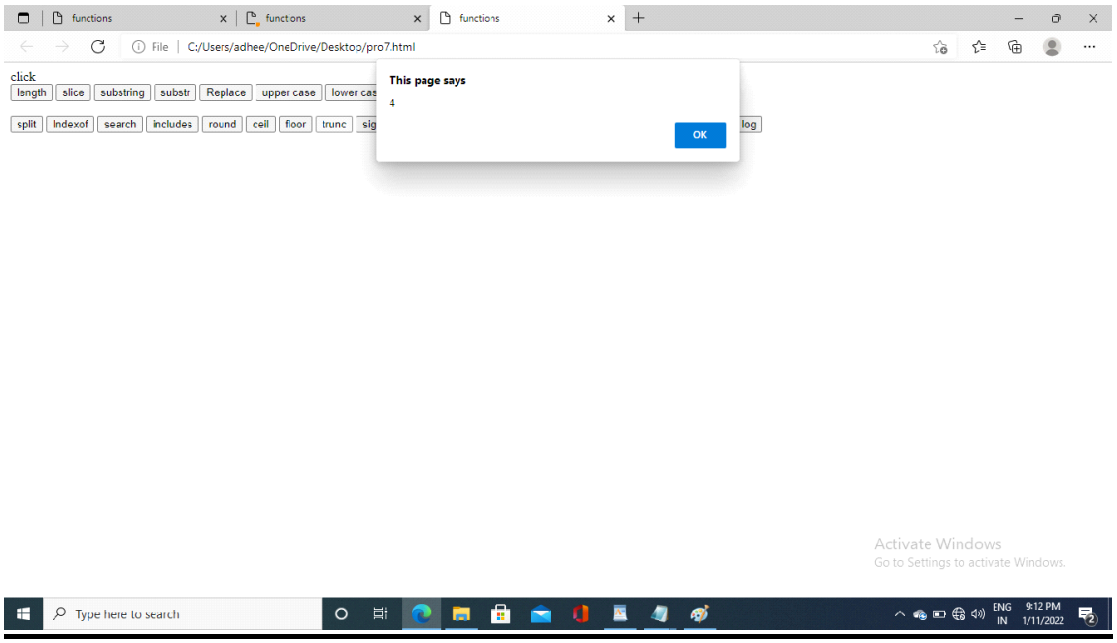
1/11/2022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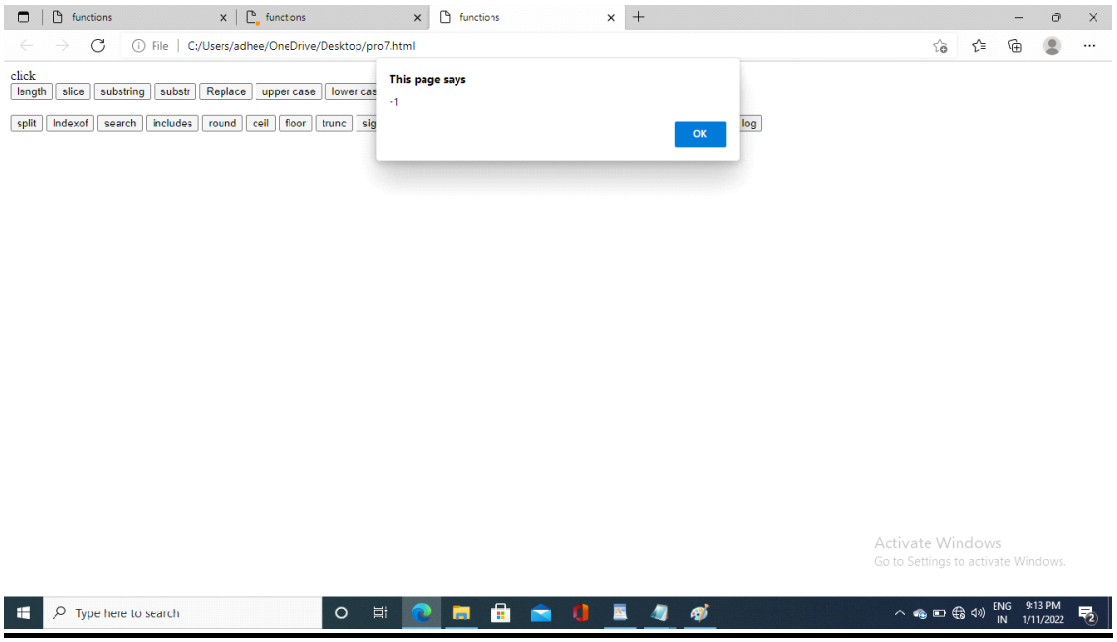
1/11/2022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Activate Windows
Go to Settings to activate Windows.
Type here to search
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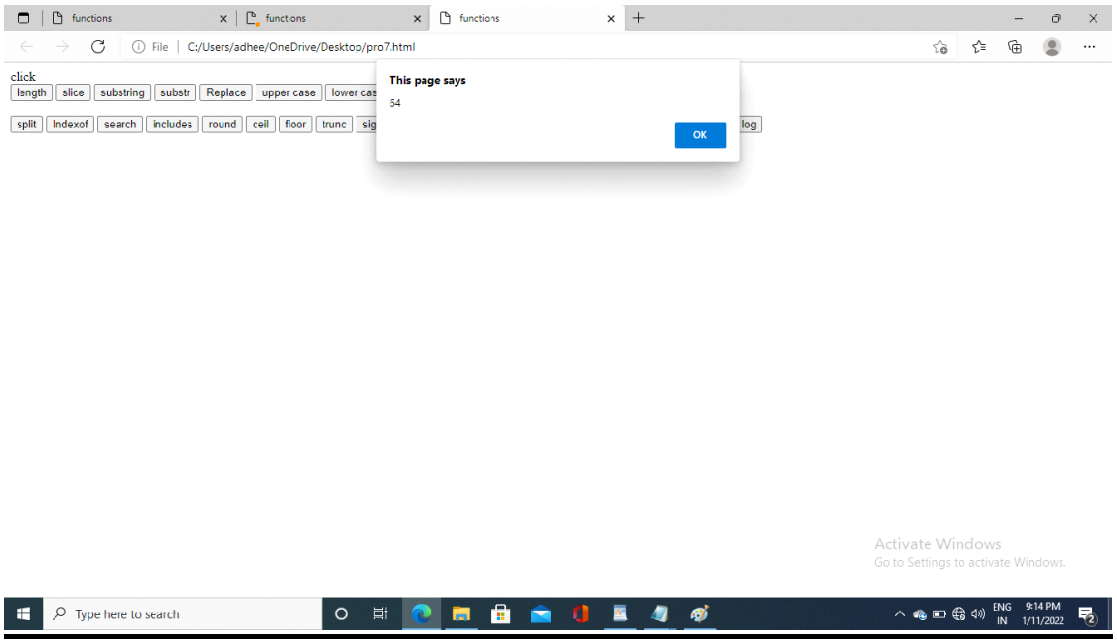
1/11/2022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54
OK
Activate Windows
Go to Settings to activate Windows.
Type here to search
ENG
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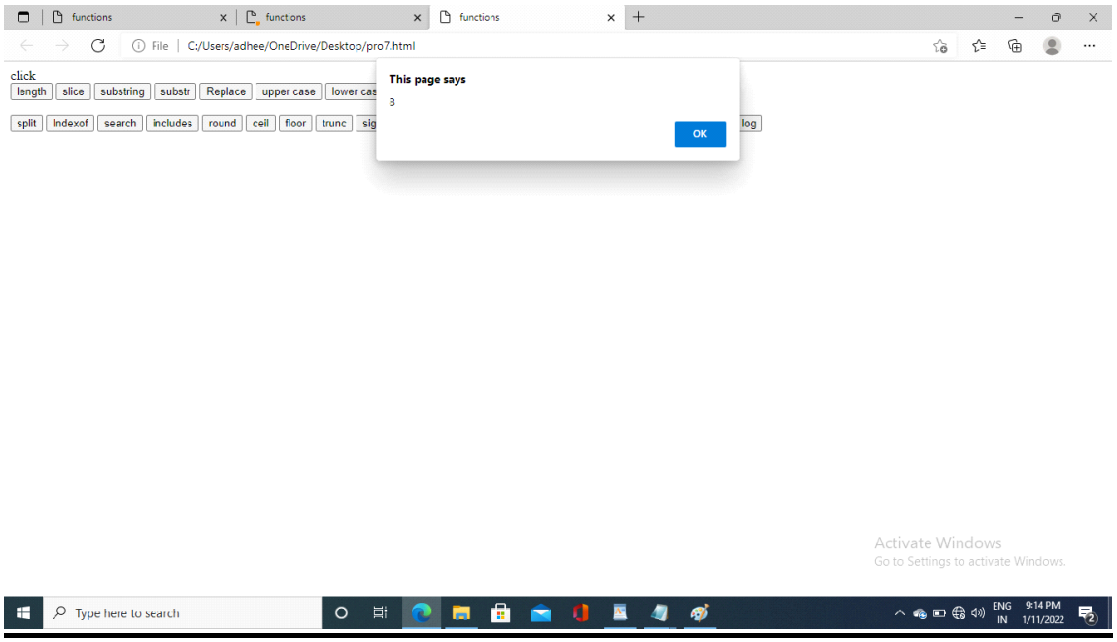
1/11/2022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Type here to search
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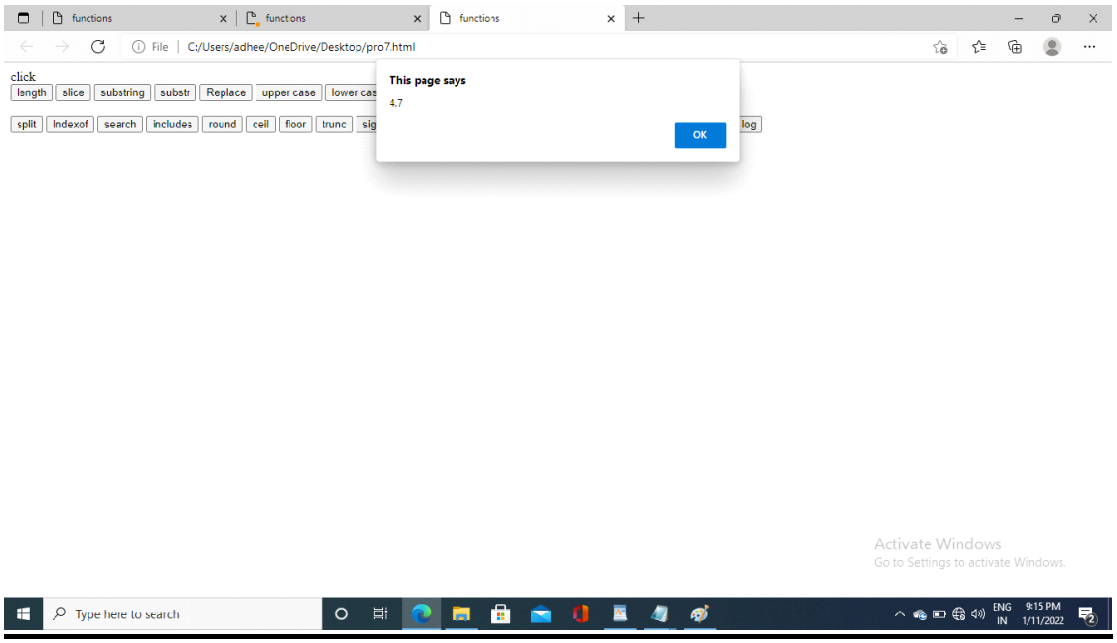
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4.7
OK
Activate Windows
Go to Settings to activate Windows.
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ENG
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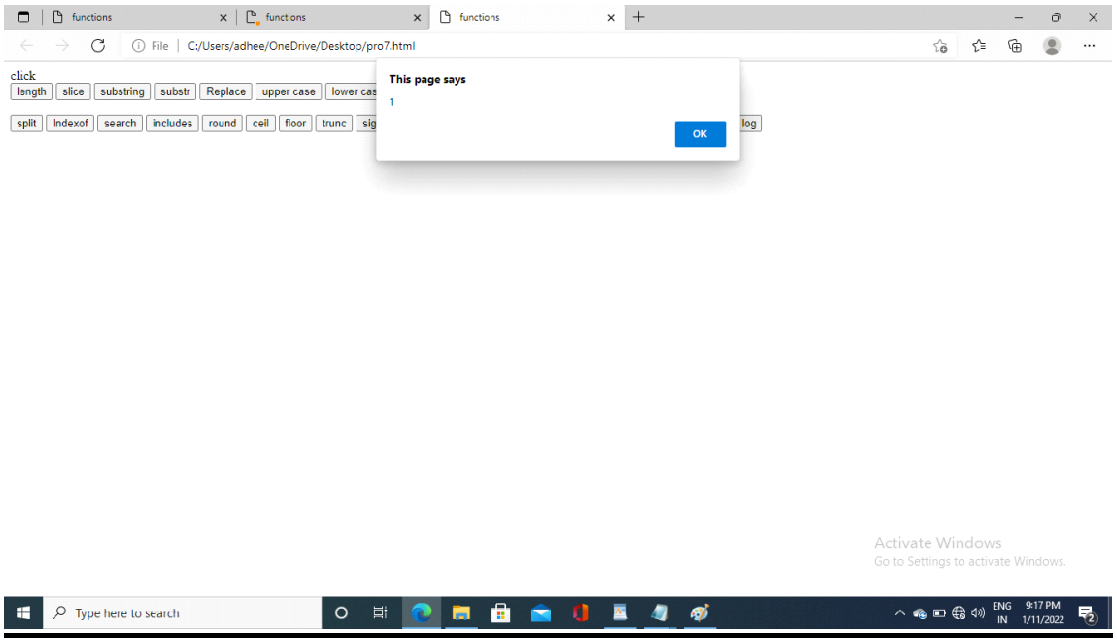
9:15 PM
1/11/2022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1
OK
Activate Windows
Go to Settings to activate Windows.
Type here to search
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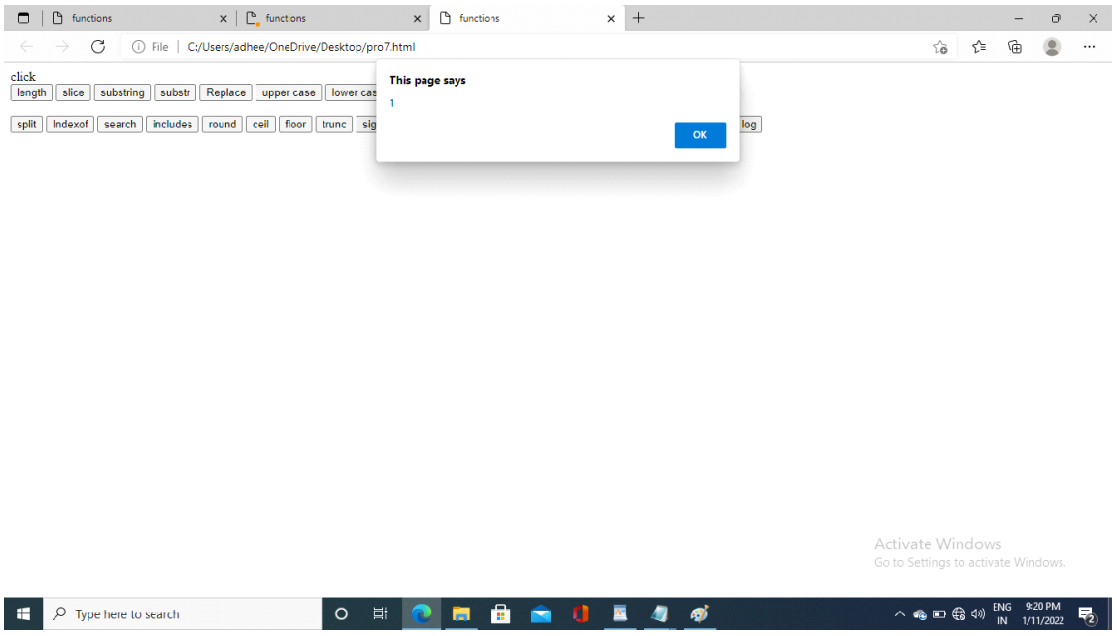
1/11/2022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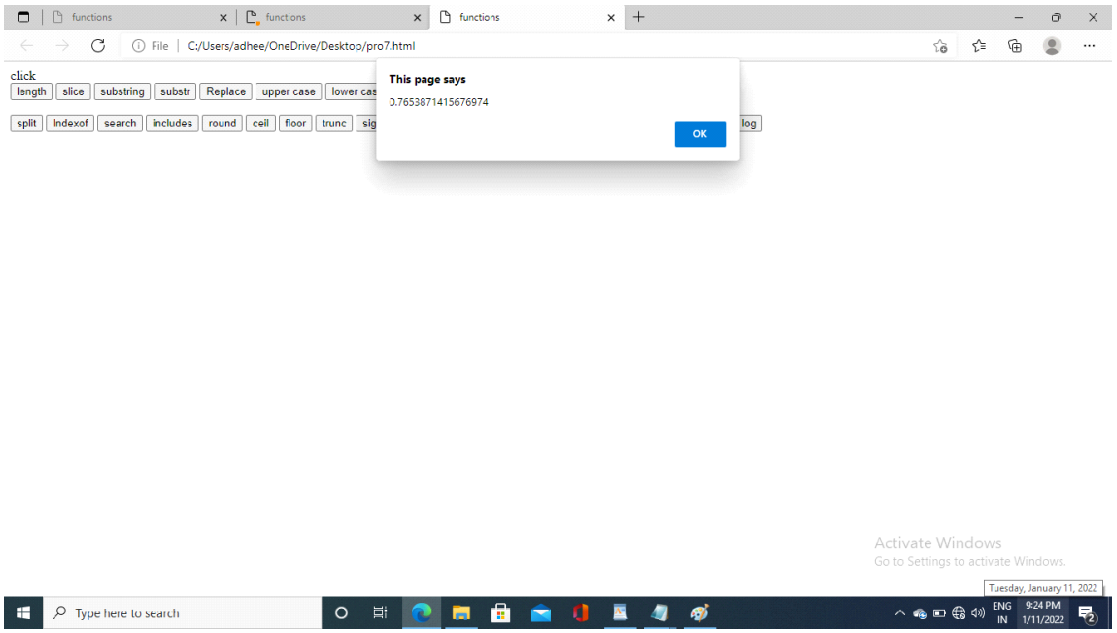
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Activate Windows
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Tuesday, January 11, 2022
Type here to search
ENG
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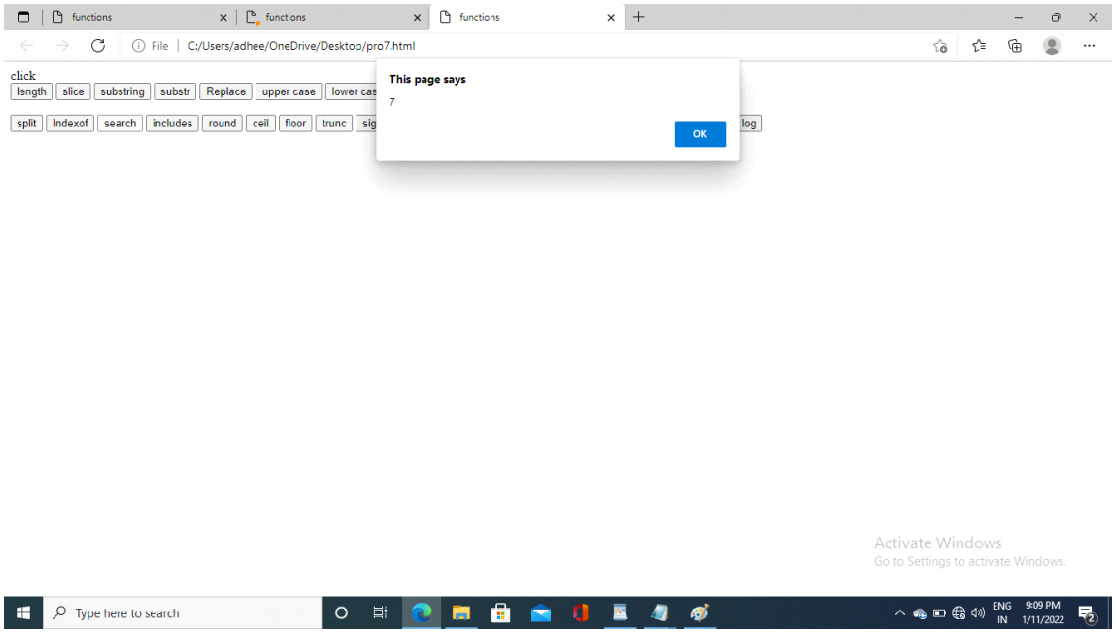
1/11/2022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7
OK
Activate Windows
Go to Settings to activate Windows.
Type here to search
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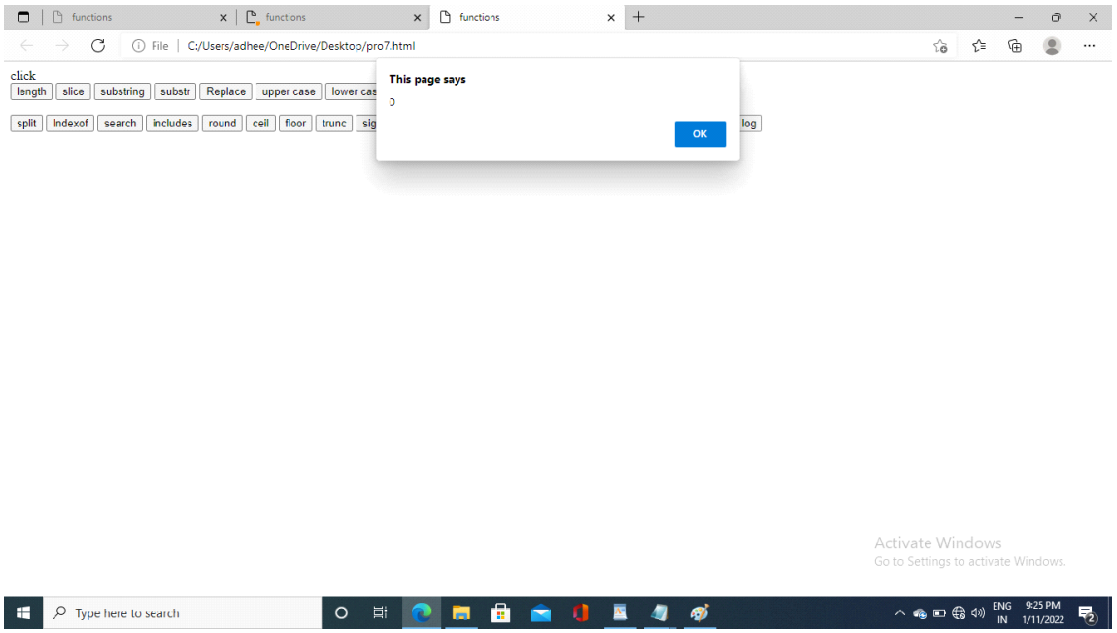
9:09 PM
1/11/2022


functions
functons
functions
File | C:/Users/adhee/OneDrive/Desktop/pro7.html
click
length
slice
substring
substr
Replace
upper case
split
Indexof
search
includes
round
ceil
floor
trunc
log
This page says
OK
Activate Windows
Go to Settings to activate Windows.
Type here to search
ENG
IN
9:25 PM
1/11/2022

Experiment Number: 8

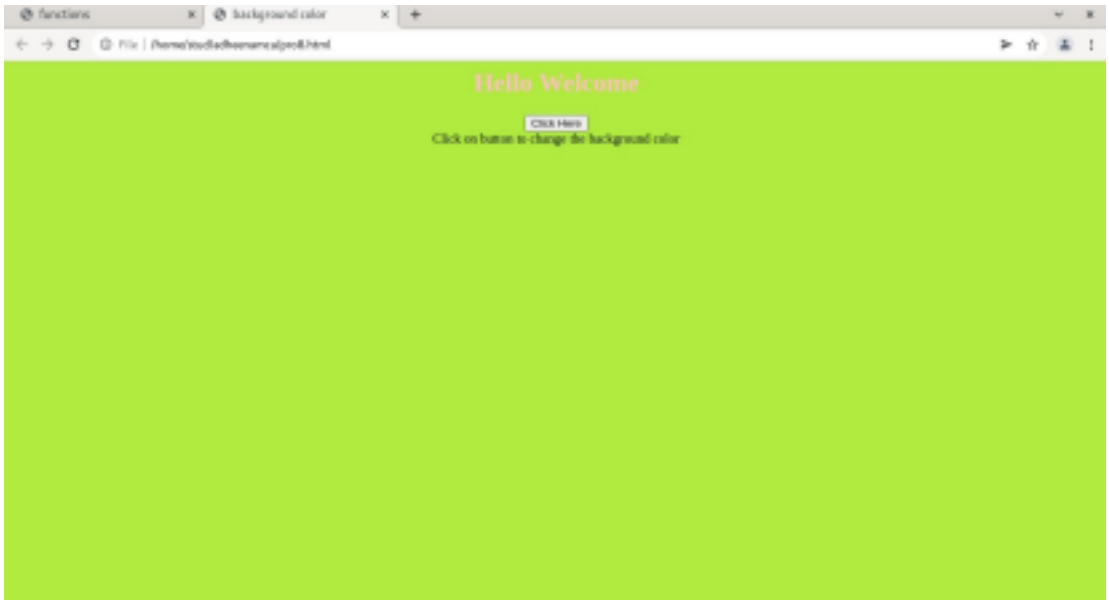
AIM

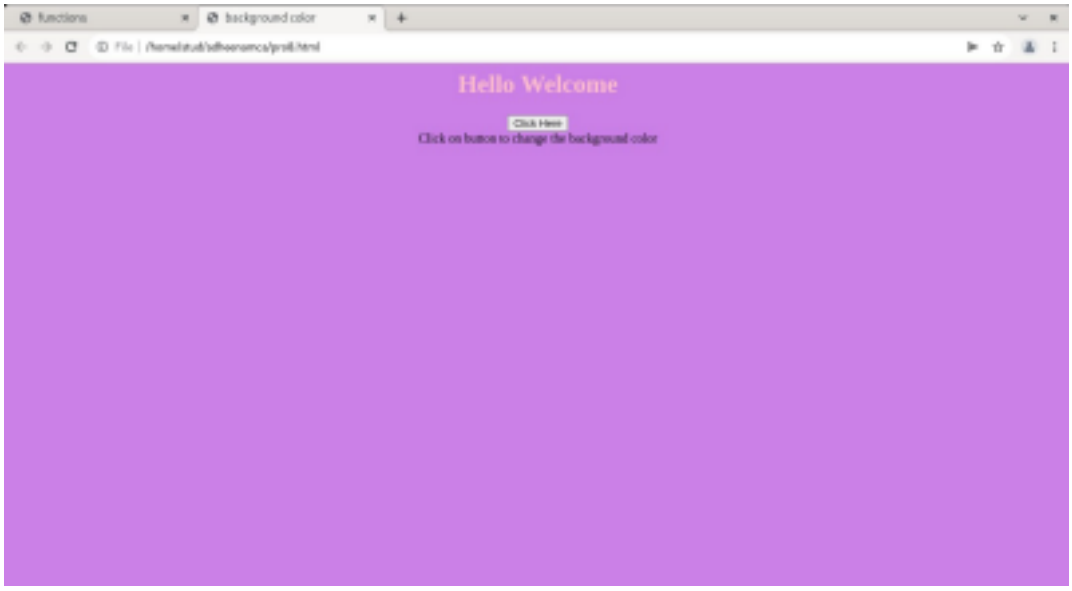
Create a HTML page to change the background color for every click of a button using JavaScript Event Handling

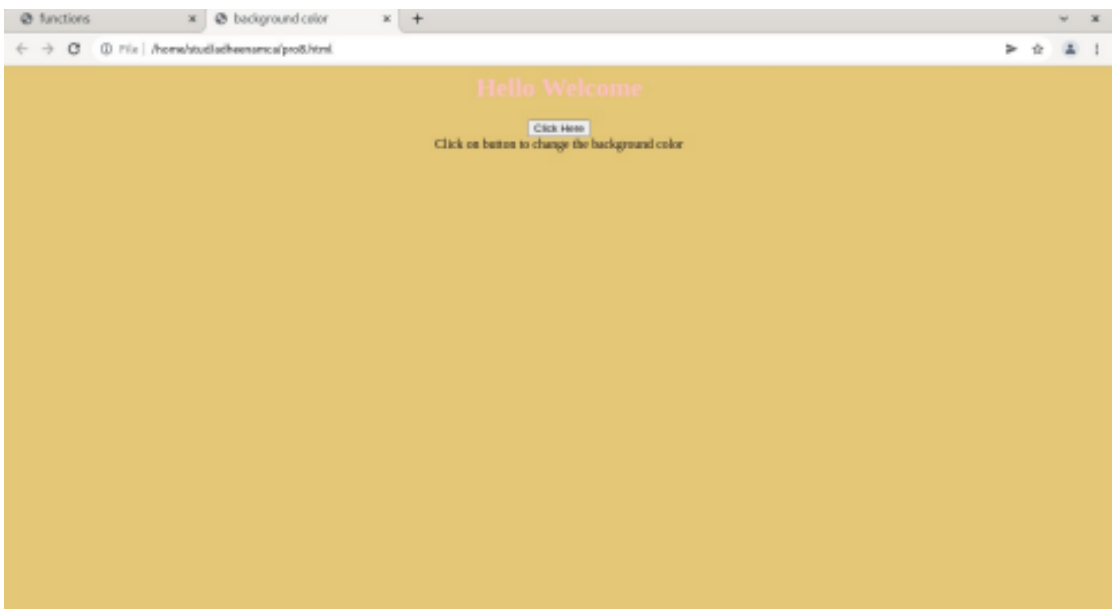
PROGRAM CODE

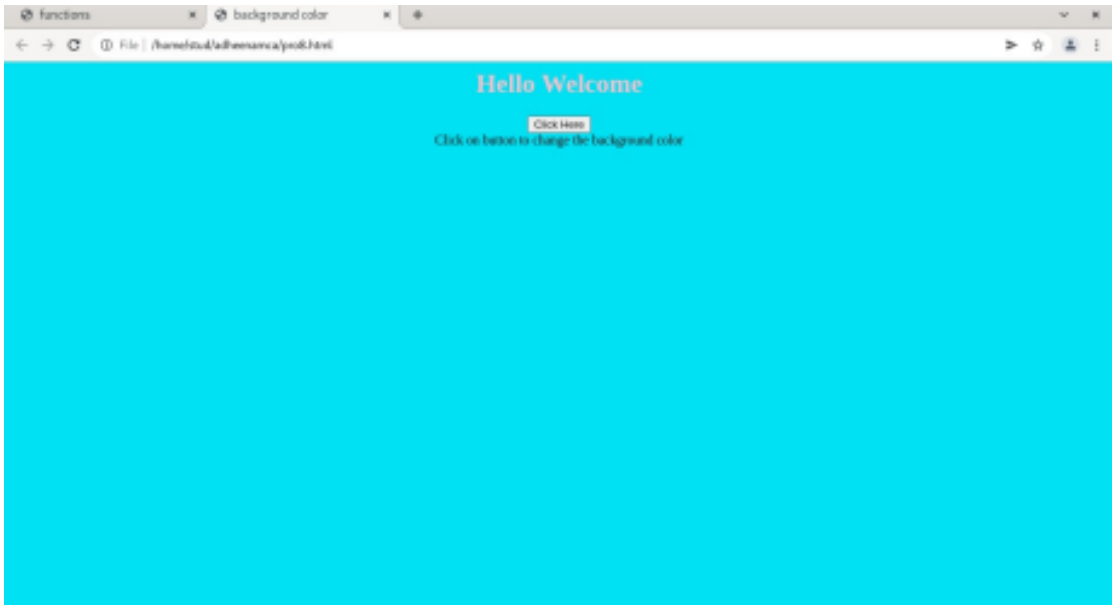
```
<html>
<head>
<title>
background color
</title>
</head>
<body style = "text-align:center;">
<h1 style = "color:pink;" >
 Hello Welcome
</h1>
<button type="button" id="color-button" onclick="changeBg()">Click Here
</button>
<br>
<script>
document.writeln( "Click on button to change the background color");
const pageBody = document.querySelector("body");
function changeBg()
{
let color = '#'+(Math.random()*0xFFFFFF<<0).toString(16);
pageBody.style.background = color;
}
</script>
</body>
</html>
```

OUTPUT


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


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


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


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

Experiment Number: 9

AIM

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

PROGRAM CODE

```
<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

Experiment Number: 10

AIM

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

PROGRAM CODE

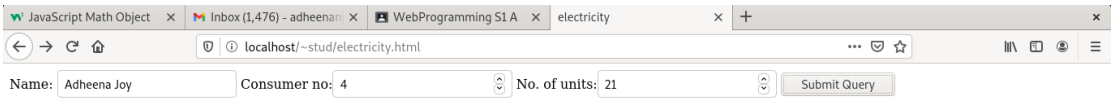
electricity.html

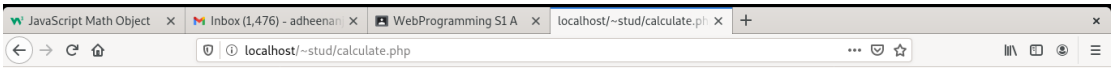
```
<html>
<head>
<title>electricity</title>
</head>
<body>
<form action="calculate.php" method="post">
Name: <input type="text" name="fname">
Consumer no:<input type="number" name="consumer">
No. of units:<input type="number" name="units">
<input type="submit">
</form>
</body>
</html>
```

calculate.php

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

OUTPUT


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


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

Experiment Number: 11

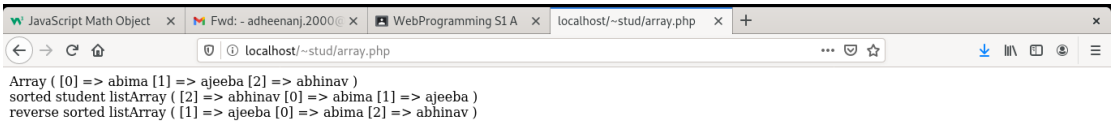
AIM

Build a PHP code to store name of students in an array and display it using print_r function. Sort and Display the same using asort & arsort functions

PROGRAM CODE

```
<?php
$stud=array("abima","ajeeba","abhinav");
print_r($stud);
echo"<br>";
echo"sorted student list";
asort($stud);
print_r($stud);
echo"<br>";
echo"reverse sorted list";
arsort($stud);
print_r($stud);
?>
```

OUTPUT



Experiment Number: 12

AIM

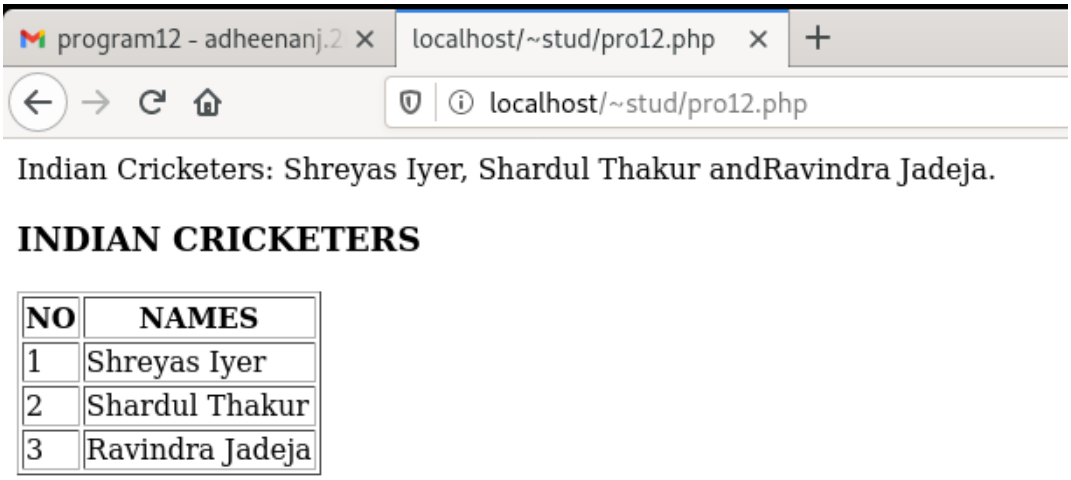
Build a PHP code to store name of Indian Cricket players in an array and display the same in HTML table.

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



Experiment Number: 13

AIM

Using PHP and MySQL, develop a program to accept book information viz. Accession number, title, authors, edition and publisher from a web page and store the information in a database and to search for a book with the title specified by the user and to display the search results with proper headings.

PROGRAM CODE

bookinfo.html

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

addbook.html

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

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

addl.php

```
<?php
$num=$_POST['num'];
$tit=$_POST['tit'];
$author=$_POST['author'];
$edi=$_POST['edi'];
$pub=$_POST['pub'];
$con=new mysqli("localhost","fisat","fisat","fisatdb");
if($con==false)
{
echo "Failed to connect";
}
else
{
echo "connected";
}
$sql="INSERT INTO book2 VALUES($num,'$tit','$author','$edi','$pub')";
if($con->query($sql))
{
echo "<BR>";
echo 'New row added';
}
else
{
```

```
echo "ERROR:could not execute query";
}
$con->close();
?>
```

search.html

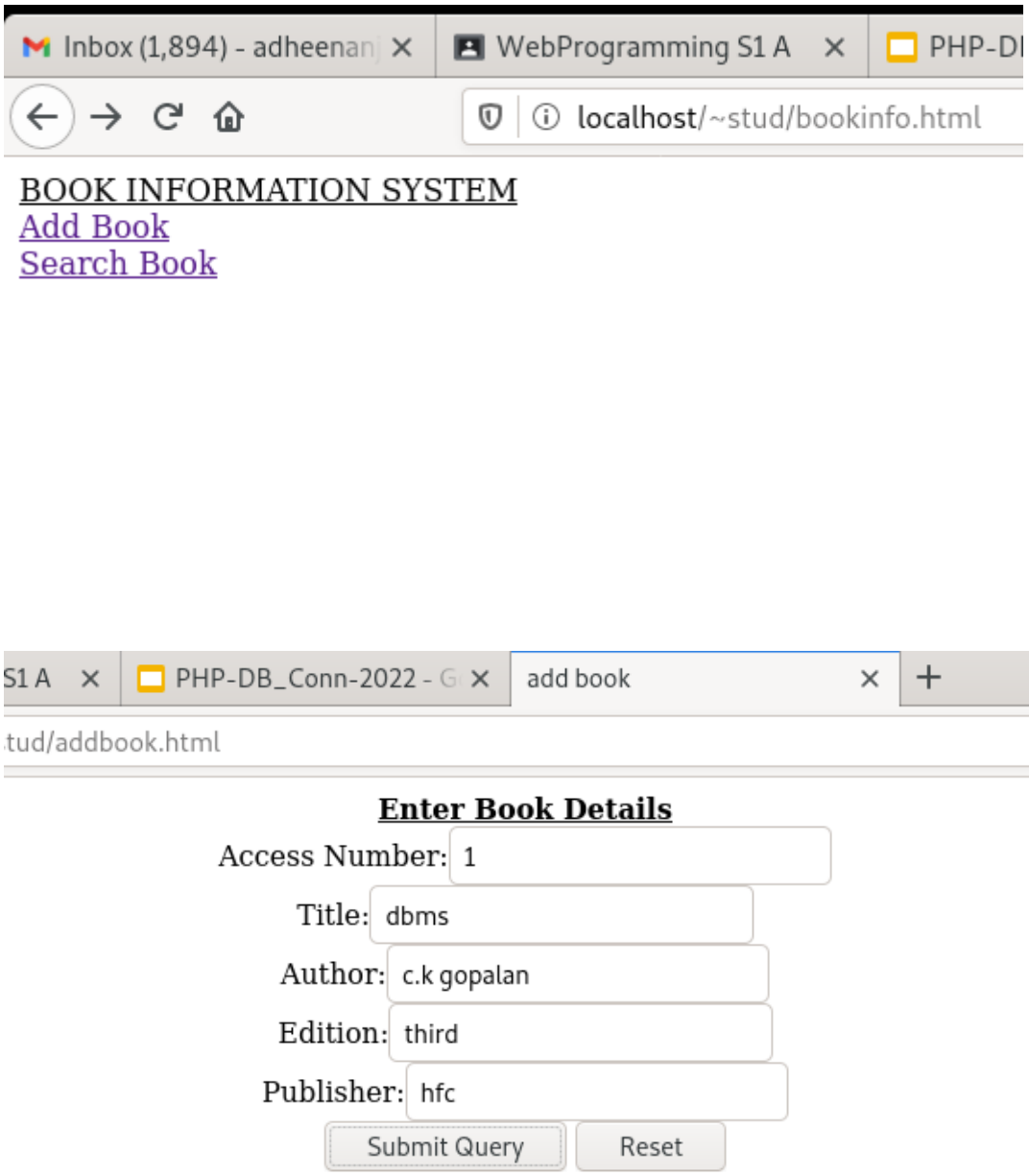
```
<html>
<head>
<title>search</title>
</head>
<body>
<form name="frm2" action="searchl.php"
method="POST">
<center>
<b><u>SEARCH A BOOK</u></b><br>
Enter book title:<input type="text" name="txt"><br>
<input type="submit" name="Submit">
</center>
</form>
</body>
</html>
```

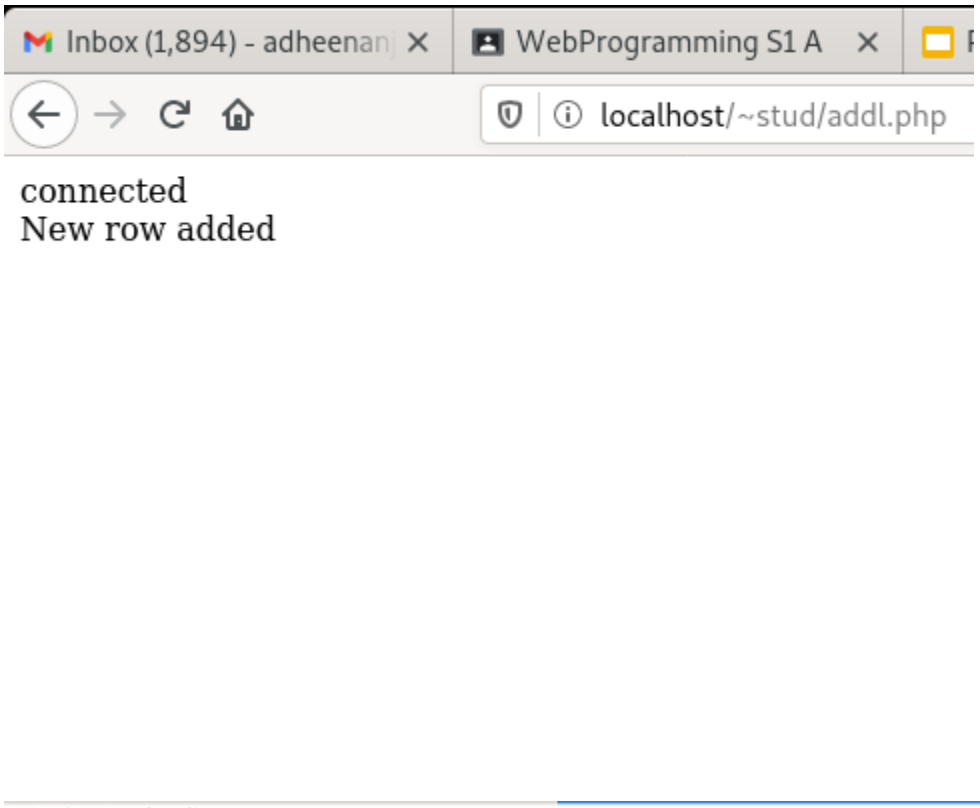
searchl.php

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

```
}
else
{
echo "connected \n";
}
$sql="select * from book2 where Title='$title'";

if($result=$con->query($sql))
{
if($result->num_rows>0)
{
while($row=$result->fetch_array())
{ echo "\n".$row[0].":".$row[1].":".$row[2].":".$row[3].":".
  $row[4]."\n";}
$result->close();
}else
{ echo "\nCould not found the book"; }
}
else
{ echo "\nError:could not connect"; }
$con->close();
?>
```

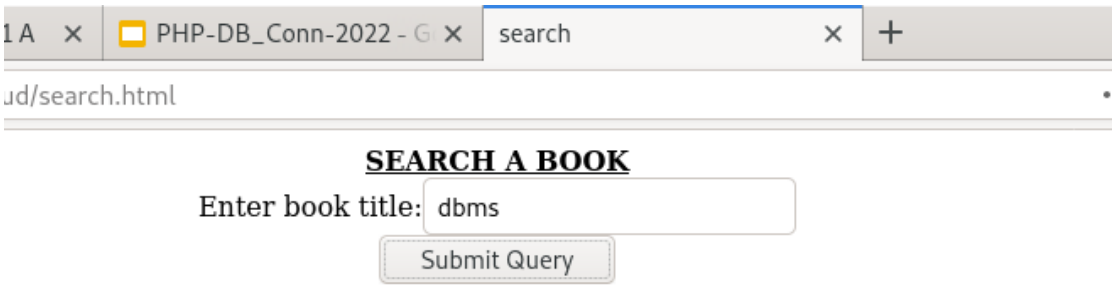
OUTPUT

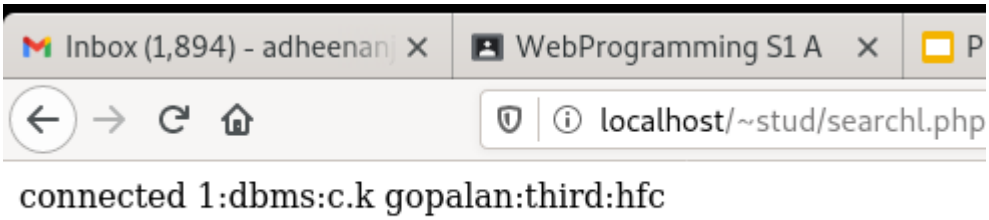

Inbox (1,894) - adheenan
WebProgramming S1 A
PHP-DI
localhost/~stud/bookinfo.html
BOOK INFORMATION SYSTEM
Add Book
Search Book
S1 A
PHP-DB_Conn-2022 - G
add book
tud/addbook.html
Enter Book Details
Access Number: 1
Title: dbms
Author: c.k gopalan
Edition: third
Publisher: hfc
Submit Query
Reset




```
stud@debian:~$ mysql -u fisat -p
Enter password:
Welcome to the MariaDB monitor.  Commands end with ; or \g.
Your MariaDB connection id is 59
Server version: 10.5.11-MariaDB-1 Debian 11

Copyright (c) 2000, 2018, Oracle, MariaDB Corporation Ab and others.

Type 'help;' or '\h' for help. Type '\c' to clear the current input statement.

MariaDB [(none)]> use fisatdb
Reading table information for completion of table and column names
You can turn off this feature to get a quicker startup with -A

Database changed
MariaDB [fisatdb]> create table book2(access_no int(10),title varchar(20),author varchar(20),edition varchar(20),publisher varchar(20));
Query OK, 0 rows affected (0.120 sec)

MariaDB [fisatdb]> desc book2;
+-----------+-------------+------+-----+---------+-------+
| Field     | Type        | Null | Key | Default | Extra |
+-----------+-------------+------+-----+---------+-------+
| access_no | int(10)     | YES  |     | NULL    |       |
| title     | varchar(20) | YES  |     | NULL    |       |
| author    | varchar(20) | YES  |     | NULL    |       |
| edition   | varchar(20) | YES  |     | NULL    |       |
| publisher | varchar(20) | YES  |     | NULL    |       |
+-----------+-------------+------+-----+---------+-------+
5 rows in set (0.002 sec)
```

```
MariaDB [fisatdb]> select * from book2;
+-----------+--------+-------------+---------+-----------+
| access_no | title  | author      | edition | publisher |
+-----------+--------+-------------+---------+-----------+
|         1 | dbms   | c.k gopalan | third   | hfc       |
|         2 | java   | k.k rajeev  | second  | hww       |
|         3 | python | p.k rajeesh | fifth   | llp       |
+-----------+--------+-------------+---------+-----------+
3 rows in set (0.001 sec)

MariaDB [fisatdb]>
```




Inbox (1,894) - adheenan
WebProgramming S1 A
P
localhost/~stud/searchl.php
connected 1:dbms:c.k gopalan:third:hfc

Experiment Number: 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>
```

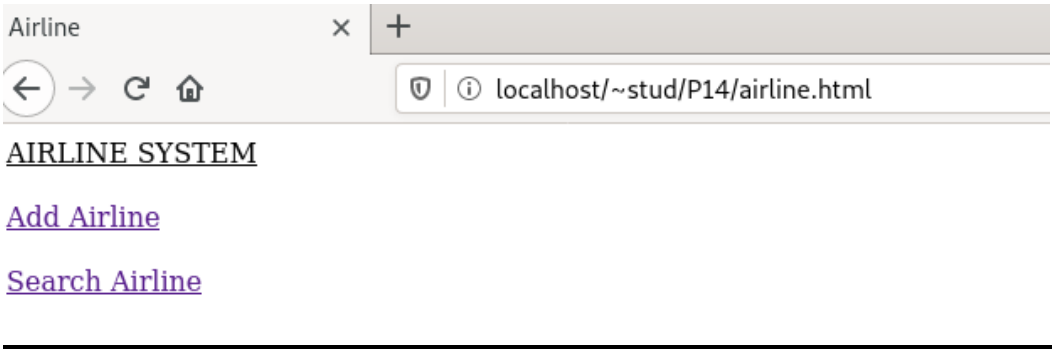
```
<label>Enter Source:</label>
<input type="text" name="src"><br><br>
<label>Enter Destination:</label>
<input type="text" name="dstn"><br><br>
<input type="submit" name="Submit">
</center>
</form>
</body>
</html>
```

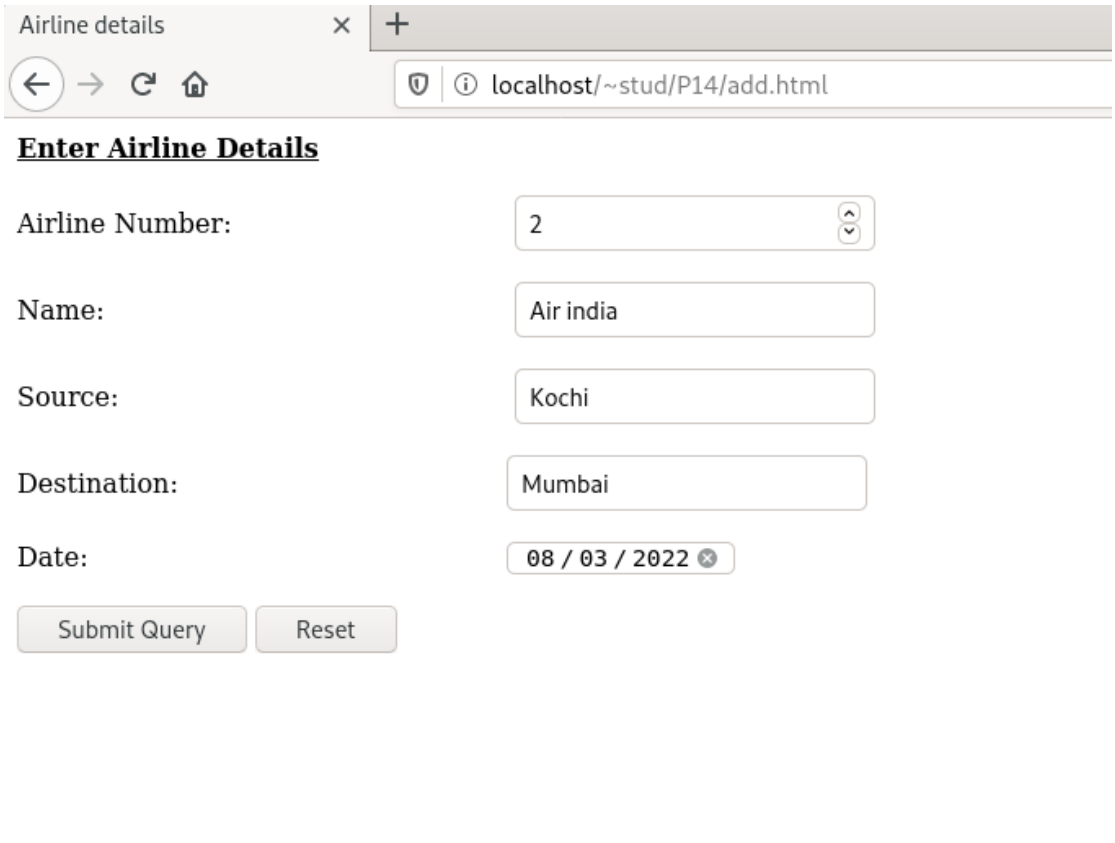
searchl.php

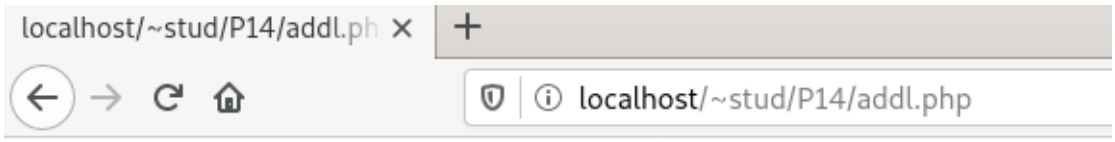
```
<?php
$src=$_POST['src'];
$dstn=$_POST['dstn'];
$con=new mysqli("localhost","fisat","fisat","fisatdb");
if($con==false)
{
echo "Failed to connect";
}
else
{
echo "connected\n";
}
$sql="select * from airline028 where Source='$src' and Destination='$dstn'";
if($result=$con->query($sql))
{
if($result->num_rows>0)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

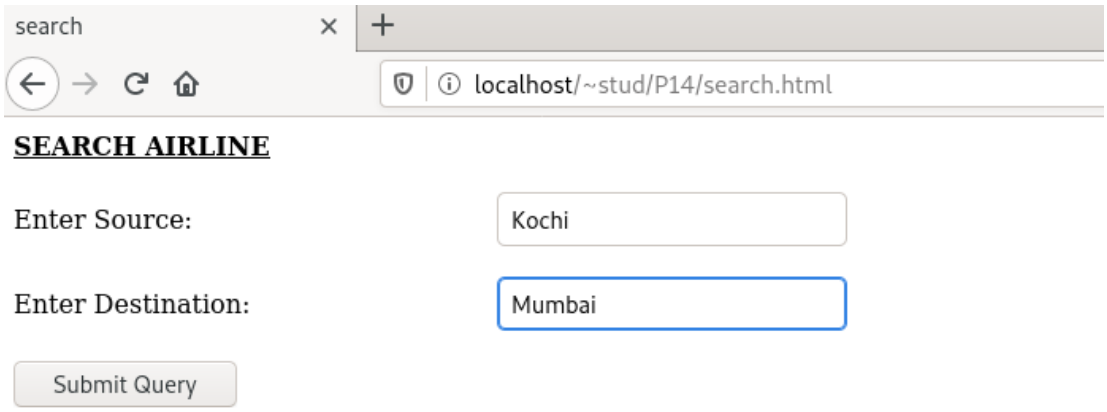
OUTPUT

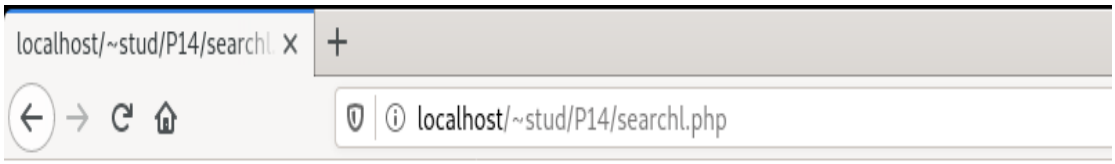







```
MariaDB [fisatdb]> select * from airline028;
+----------------+------+-----------+-------------+------------+
| Airline_number | Name | Source    | Destination | Date       |
+----------------+------+-----------+-------------+------------+
|             16 | ABC  | TVM       | Pune        | 2022-02-28 |
|             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)
```


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

WEB_FINAL.pdf