FEDERAL INSTITUTE OF SCIENCE AND TECHNOLOGY (FISAT)™

HORMIS NAGAR, MOOKKANNOOR, ANGAMALY-683577

FOCUS ON EXCELLENCE

20MCA133 WEB PROGRAMMING LAB

LABORATORY RECORD

Name: ANJALY K N

Branch: MASTER OF COMPUTER APPLICATIONS

Semester: 1 Batch: A Roll No: 23

University Registration Number: FIT21MCA-2023

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 ***ANJALY K N (FIT21MCA-2023)*** *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

11	**10/01/2022**	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.	**57**	
12	**10/01/2022**	Build a PHP code to store name of Indian Cricket players in an array and display the same in HTML table.	**58**	
13	**17/01/2022**	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	**60**	
14	**17/01/2022**	Using PHP and MySQL, develop a program to collect airline details and display all the airlines between a particular source and destination.	**68**	

Experiment No: 1

AIM

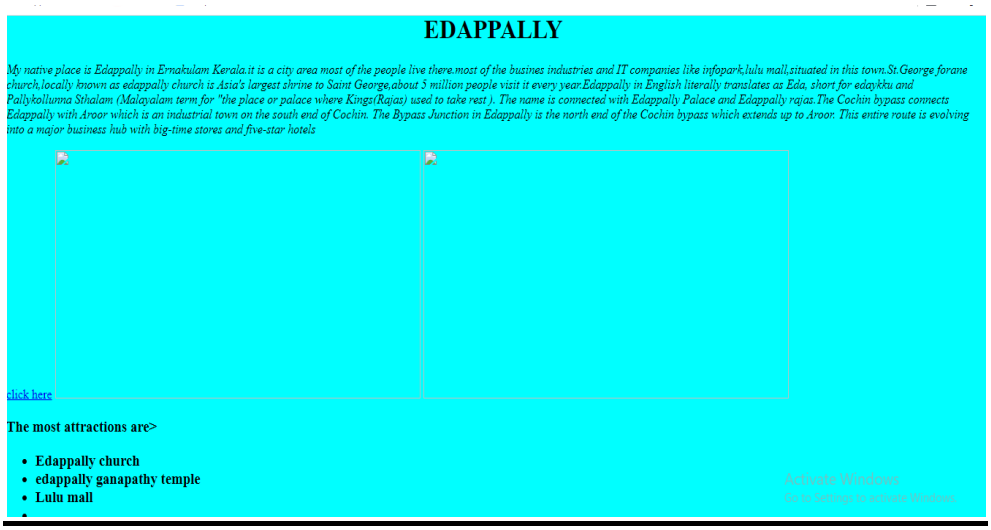
1.Model a simple HTML file related to your native place to demonstrate the usage of different tags.

PROGRAM CODE

```
<Html>
<Head>
<Title>Native place
 </Title>
</Head>
<Body bgcolor="#00FFFF">
<h1 align="center" ><B>EDAPPALLY</B></h1>
<p>
<I>My native place is Edappally in Ernakulam Kerala.it is a city area most of the people live there.most of the busines industries and IT companies like infopark,lulu mall,situated in this town.St.George forane church,locally known as edappally church is Asia's largest shrine to Saint George,about 5 million people visit it every year.Edappally in English literally translates as Eda, short for edaykku and Pallykollunna Sthalam (Malayalam term for "the place or palace where Kings(Rajas) used to take rest ). The name is connected with Edappally Palace and Edappally rajas.The Cochin bypass connects Edappally with Aroor which is an industrial town on the south end of Cochin. The Bypass Junction in Edappally is the north end of the Cochin bypass which extends up to Aroor. This entire route is evolving into a major business hub with big-time stores and five-star hotels</I></p>

</I>
</p>
<a href="home/stud/anju/map.html">click here</a>
<img src="edappally.jpg" width="500" height="300">
<img src="edappally-church.jpg" width="500" height="300">
<h3 align="left" font color="#00008B">The most attractions are>
<UL>
<li>Edappally church</li>
<li>edappally ganapathy temple</li>
<li>Lulu mall<li>
```

```
<li>kochi metro</li>
</UL>
</body>
</html>
```

OUTPUT



Experiment NO:2

AIM

2.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><imgsrc="/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>Anjaly K N</td>
</tr>
<tr align="center">
<td> Age:</td>
<td>20</td>
</tr>
<tr align="center">
<td> Sex:</td>
<td> Female</td>
</tr>
<tr align="center">
<td> DOB</td>
<td>08-08-2001</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>Hindu Nair</td>
</tr>
<tr align="center">
<td> Address:</td>
<td>Chitteth parambil<br>
 </td>
</tr>
<tr align="center">
<td>Phone:</td>
<td>1234567890</td>
</tr>
<tr align="center">
<td>mail id:</td>
<td> anjslykn08@gmail.com</td>
</tr>
<tr align="center">
<td> Educational Qualification:</td>
<td> BCA</td>
</tr>
<tdalign="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

personal informations	
Full name:	Anjaly K N
Father's Name:	Nandakumar C
Age:	20
Date of birth:	08[08]August
Religion:	Hindu Nair
Nationality:	Indian
Contact detais:	9567074804
Address:	Chitteth parambil
Email addresss:	anjalykn008@gmail.com
Education&Knowledge:	
Language:	English,Malayalam,Hindi
Education:	BCA
Hobbies:	cooking,reading,crafts making

Experiment No: 3

AIM

3.Create an application form for MCA course in FISAT.

PROGRAM CODE

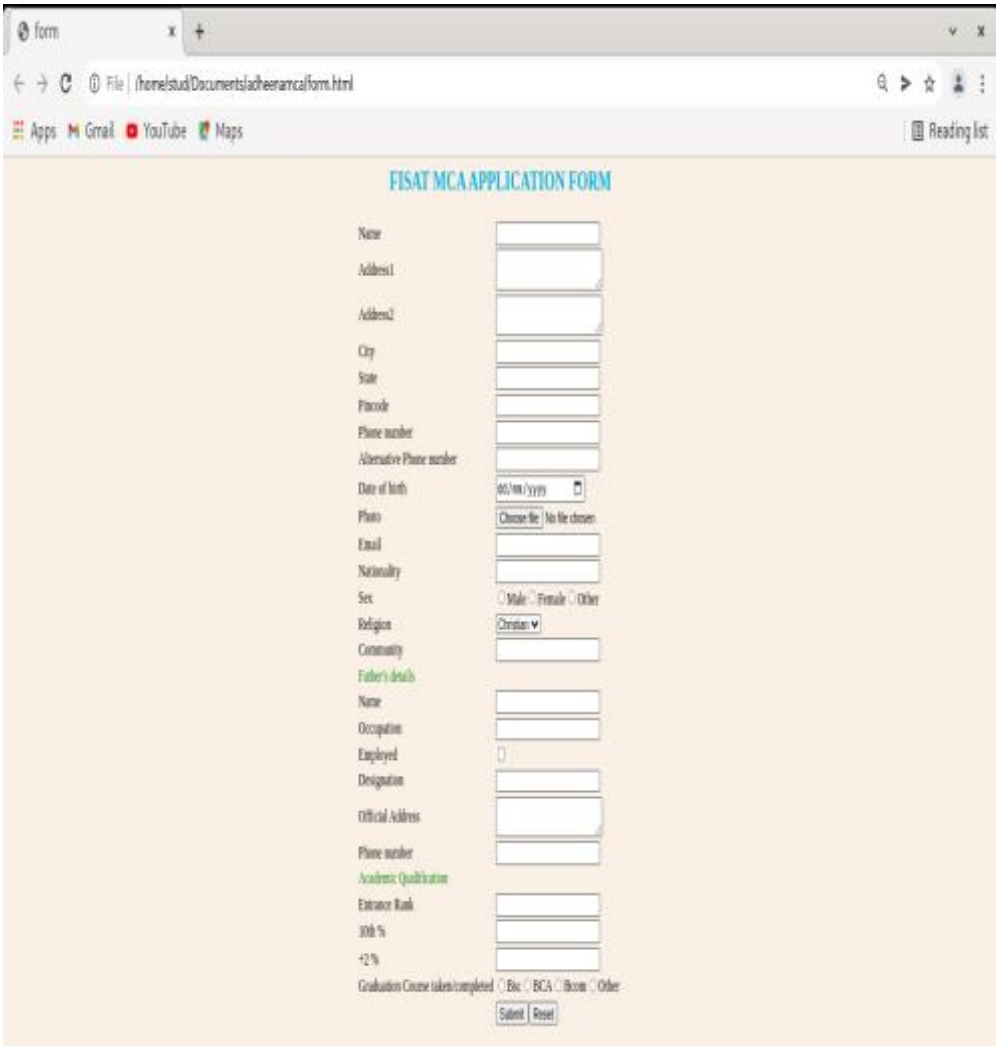
```
<html>
<head>
<title>form</title>
</head>
<body bgcolor="linen" align="center" font color="Black">
<h2><font color="sky blue">FISAT MCA
APPLICATION  FORM</font></h2>
<form>
<table align="center">
<tr>
<td>Name</td>
<td><input type="textfield"></td>
</tr>
<tr>
<td>Address1</td>
<td><textarea></textarea></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><inpu
t 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

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

PROGRAM CODE

FLOATING FRAME

CODE

```
<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/anjaly/frame1.html"><frame name="frame2"
src="/home/stud/anjalymca/frame2.html"></frameset>
</html>
```

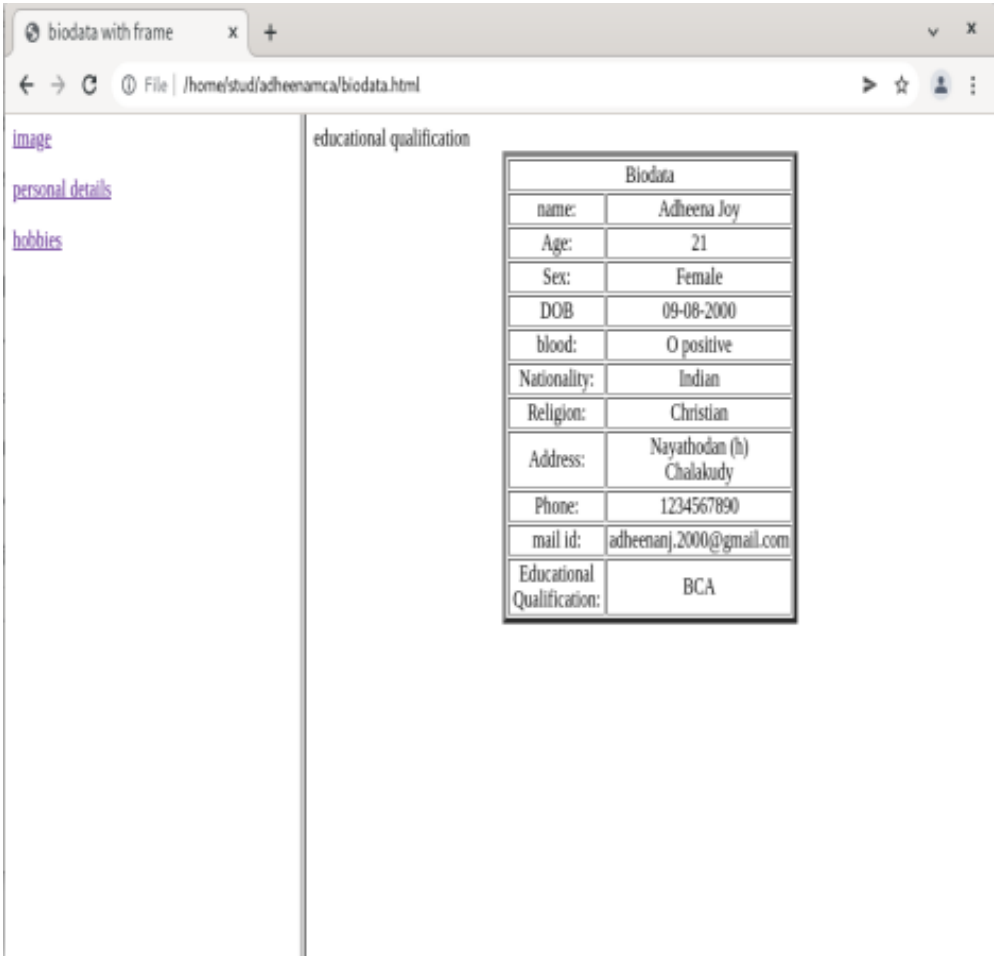
Frame 1

```
<html>
```

```
<head><title>biodata</title></head>
<body>
<a
href="/home/stud/anjalymca/personal_details.html"  target="frame
2">personal details</a><br>
<br>
<a
href="/home/stud/anjalymca/hobbies.html"  target="frame2">hobb
ies</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>08-08-2001</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>Hindu</td>
</tr>
<tr align="center">
<td> Address:</td>
<td>chittethparambil
</td>
</tr>
<tr align="center">
<td>Phone:</td>
<td>1234567890</td>
</tr>
<tr align="center">
<td>mail id:</td>
<td> anjalykn08@gmail.com</td></tr>
<tr align="center">
<td> Educational Qualification:</td><td> BCA</td>
</tr>
</table>
</body>
</html>
```

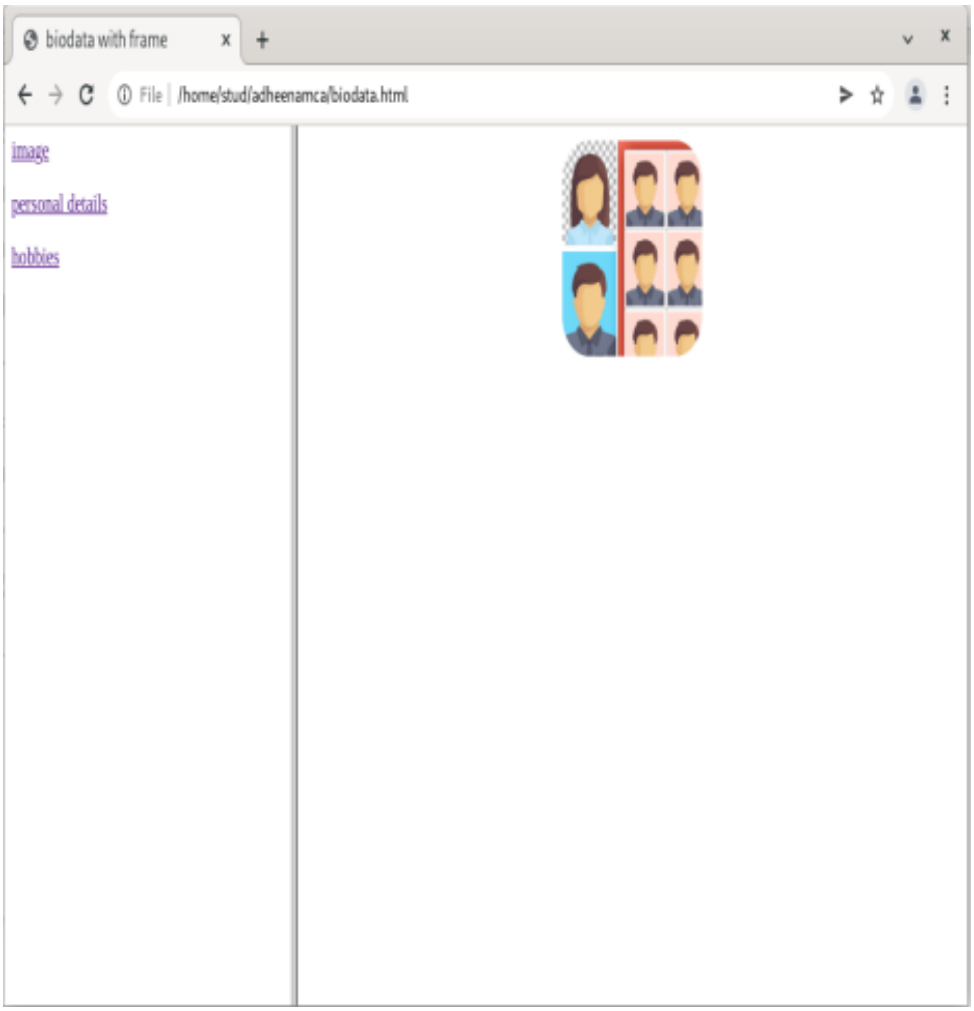
OUTPUT



Image

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

OUTPUT

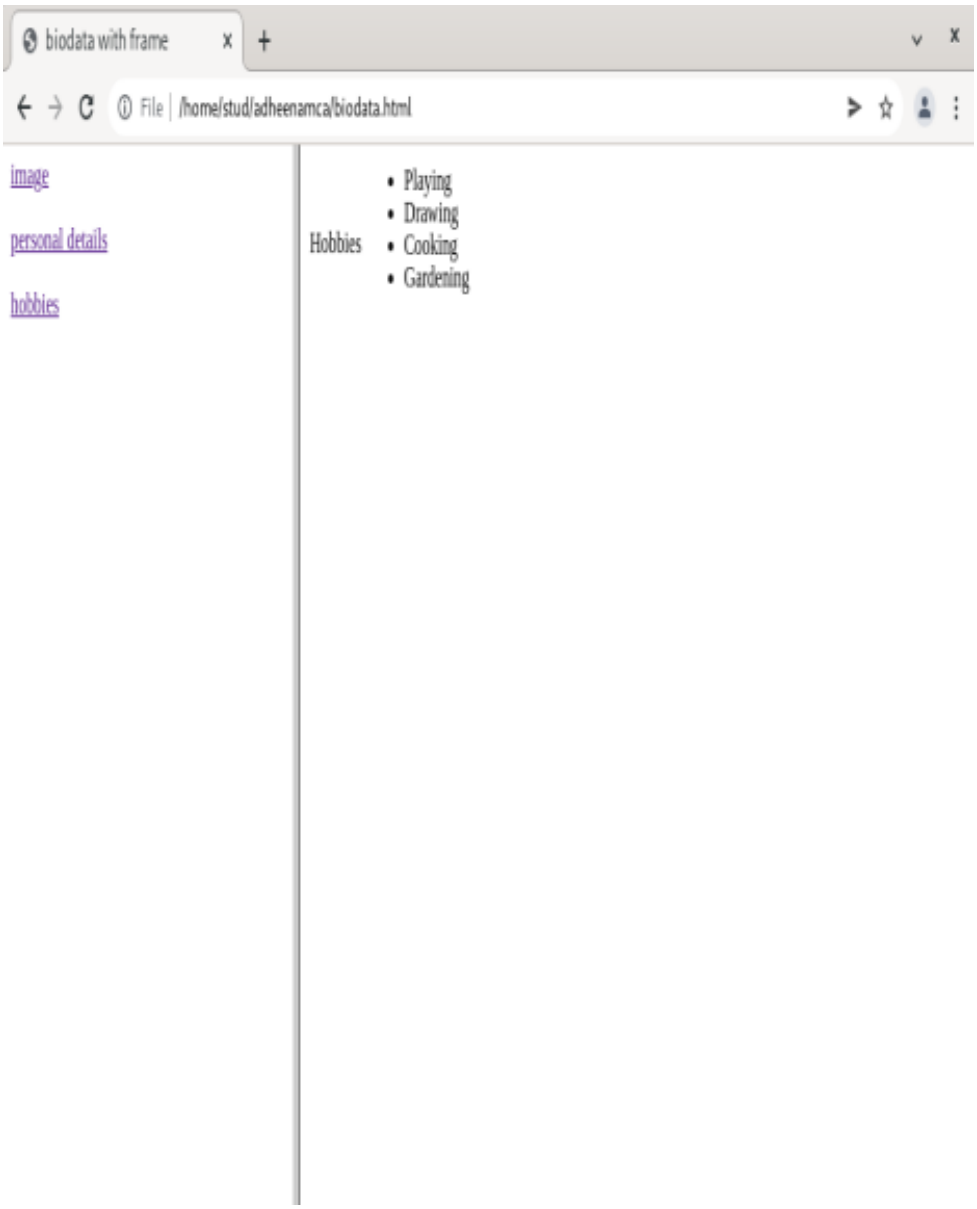


Hobbies

```
<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

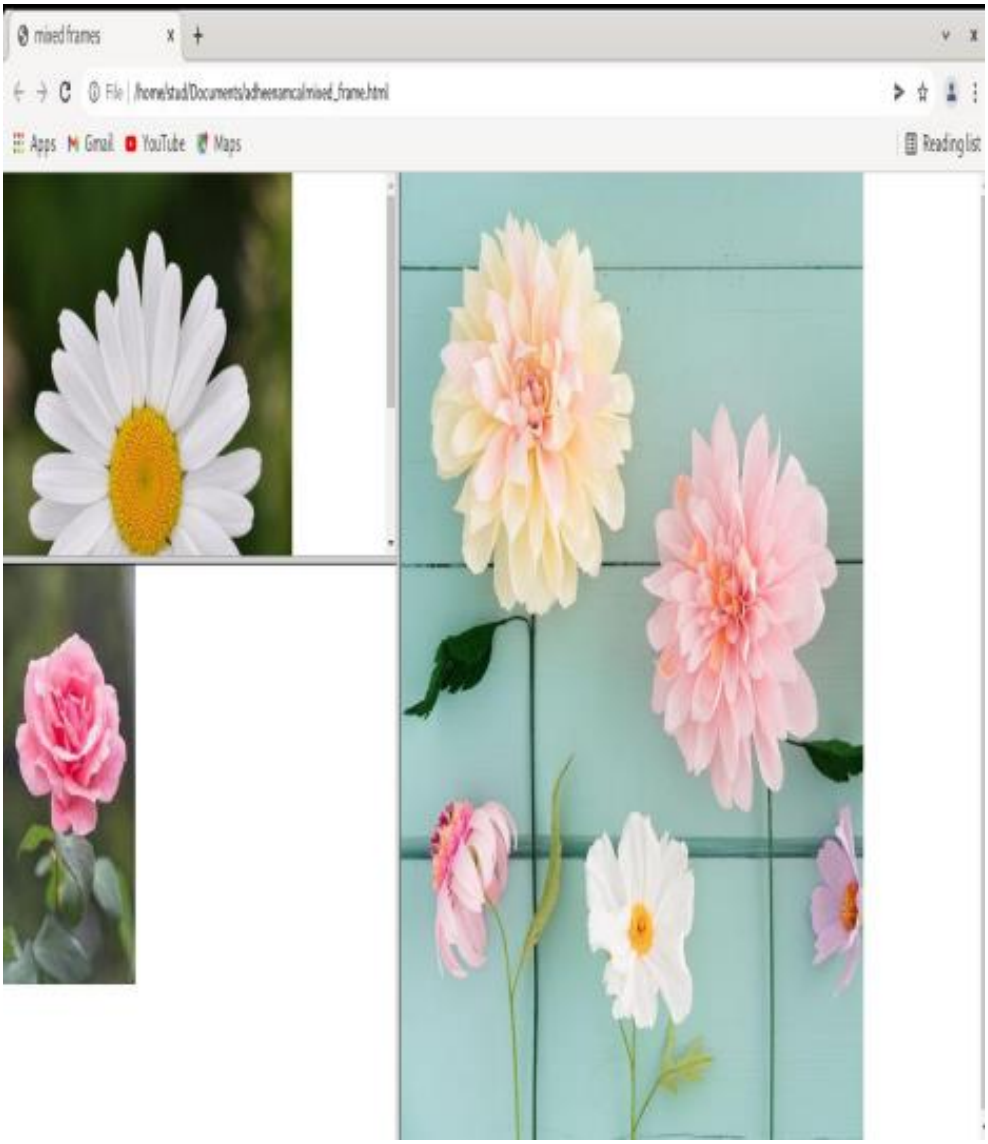


MIXED FRAME

CODE

```
<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


mixed frames
File | /home/stad/Documents/adhwaanca/mixed_frame.html
Apps
Gmail
YouTube
Maps
Reading list

Experiment No: 5

AIM

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

PROGRAM CODE

INLINE

CODE

```
<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
```

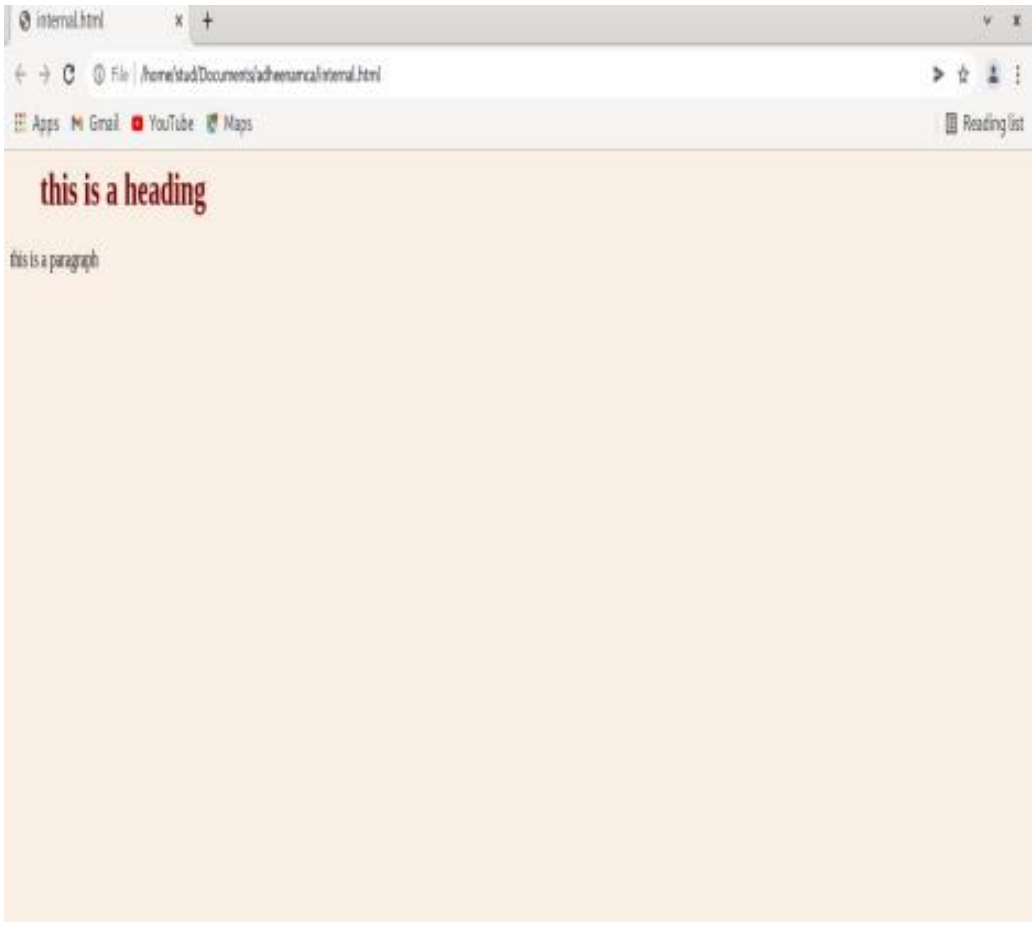
OUTPUT

INTERNAL

CODE

```
<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

CODE

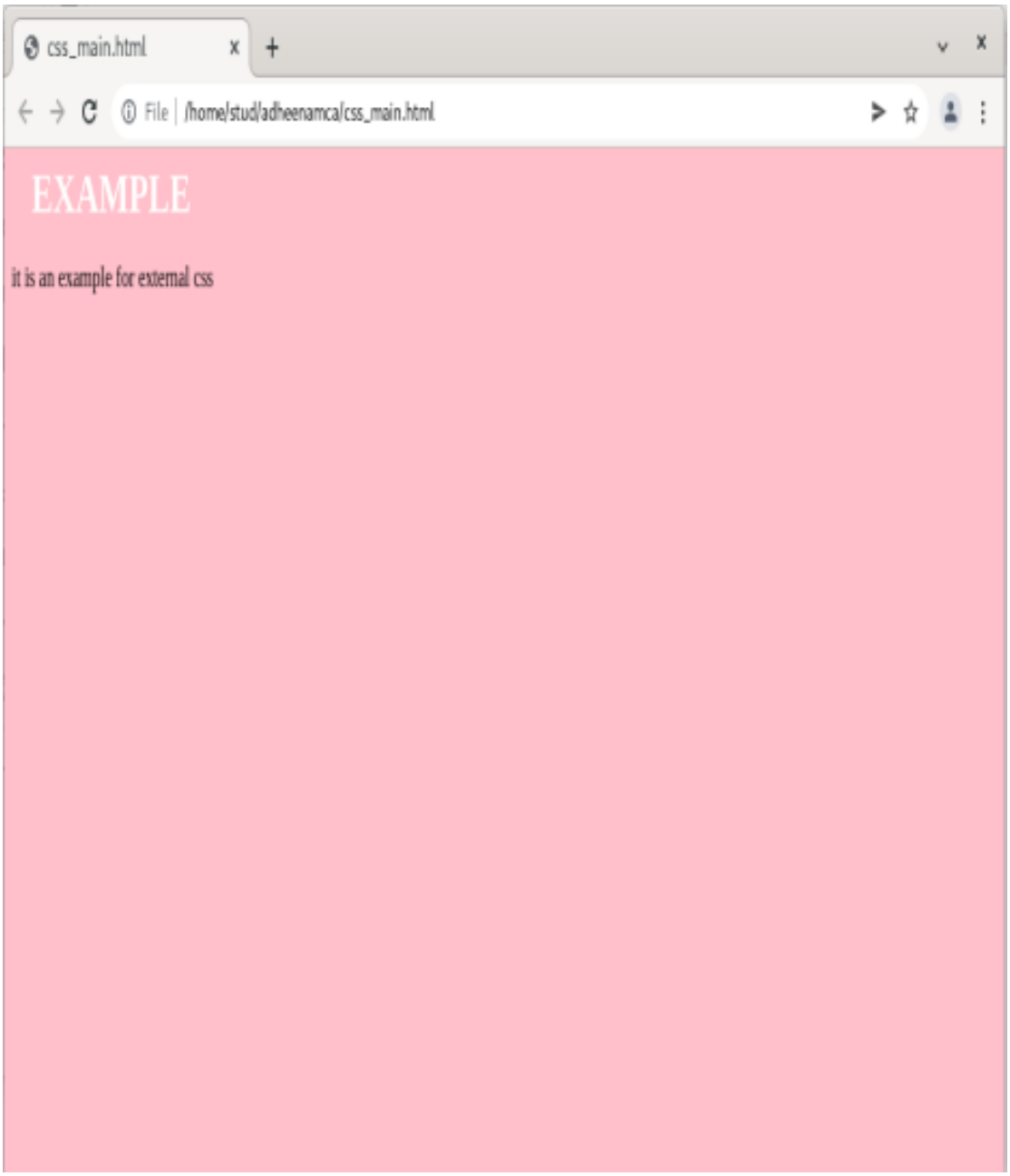
```
<html>
<head>
<link rel="stylesheet" href="mystyle.css"></head>
<body>
<h1>EXAMPLE</h1>
<p>it is an example for external css</p></body>
</html>
```

mystyle.css

```
body{
 background-color:pink;
```

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

OUTPUT



Experiment No: 6

AIM

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

PROGRAM CODE

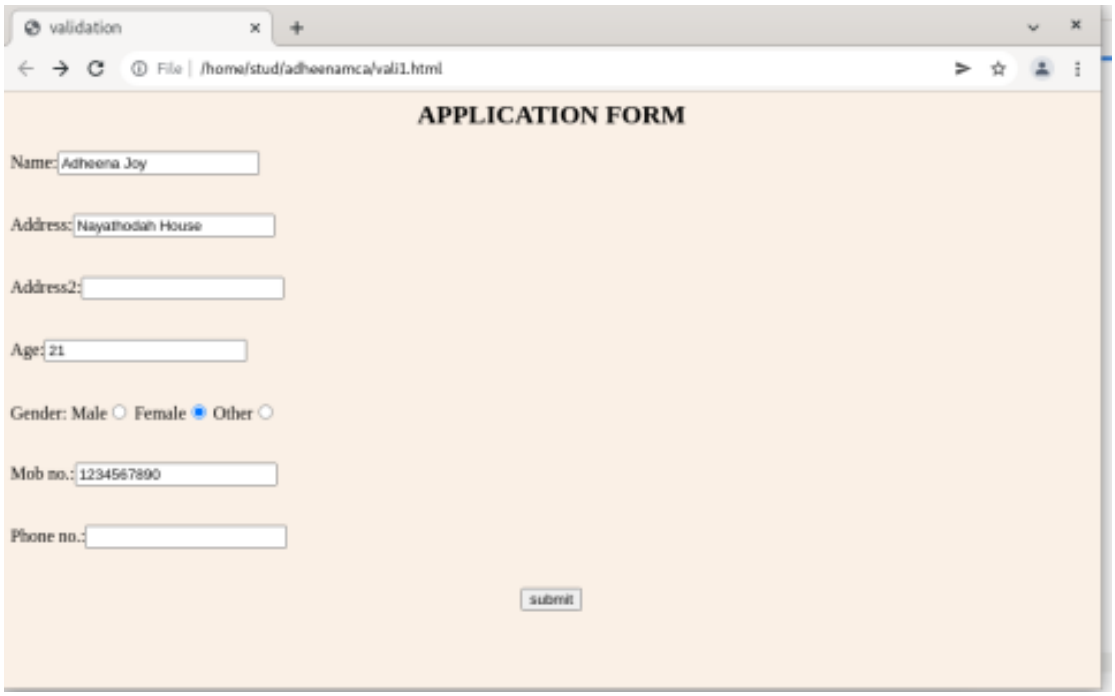
```
<html>
<head>
<title>validation</title>
<script>
function validateform(){
let x=document.forms["myform"]["fname"].value; if(x==""){
alert("name must be required");}
let z=document.forms["myform"]["address"].value; if(z==""){
alert("Address must be filled out");}
let y=document.forms["myform"]["age"].value;
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>
```

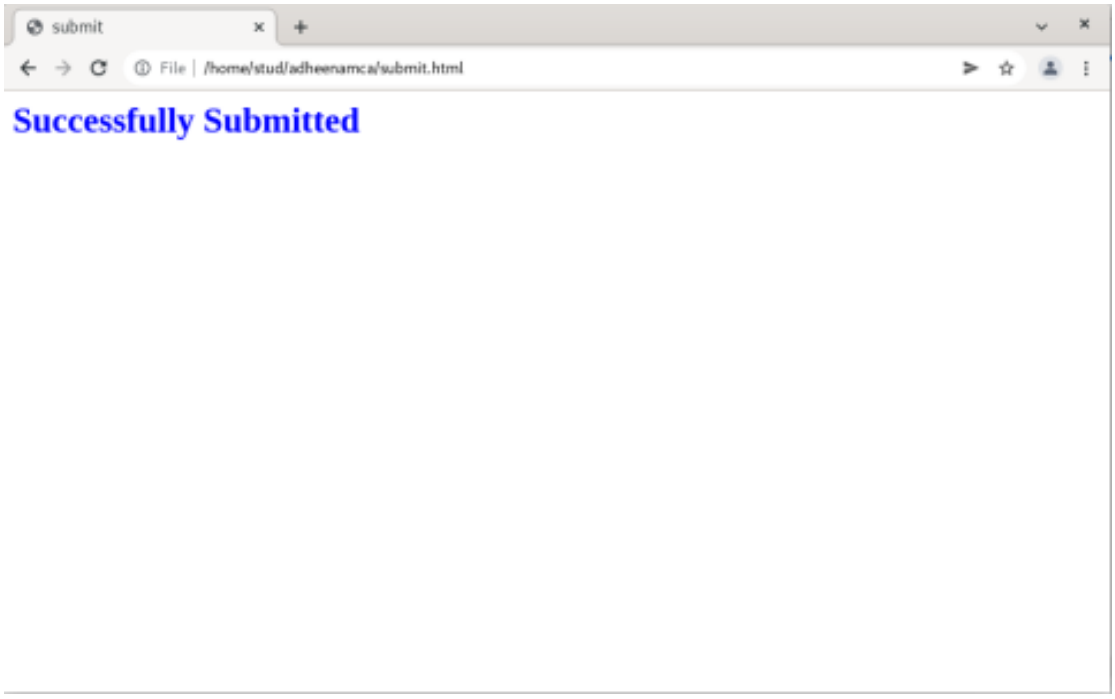
```
<body bgcolor="linen">
<h2><center>APPLICATION FORM</center></h2>
<form name="myform" action="submit.html"
onsubmit="return  validateform()" method="post">
Name:<input type="text" name="fname"><br><br><br>
Address:<input type="text" name="address"><br><br><br>
Address2:<input type="text" name="address2"><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>
```

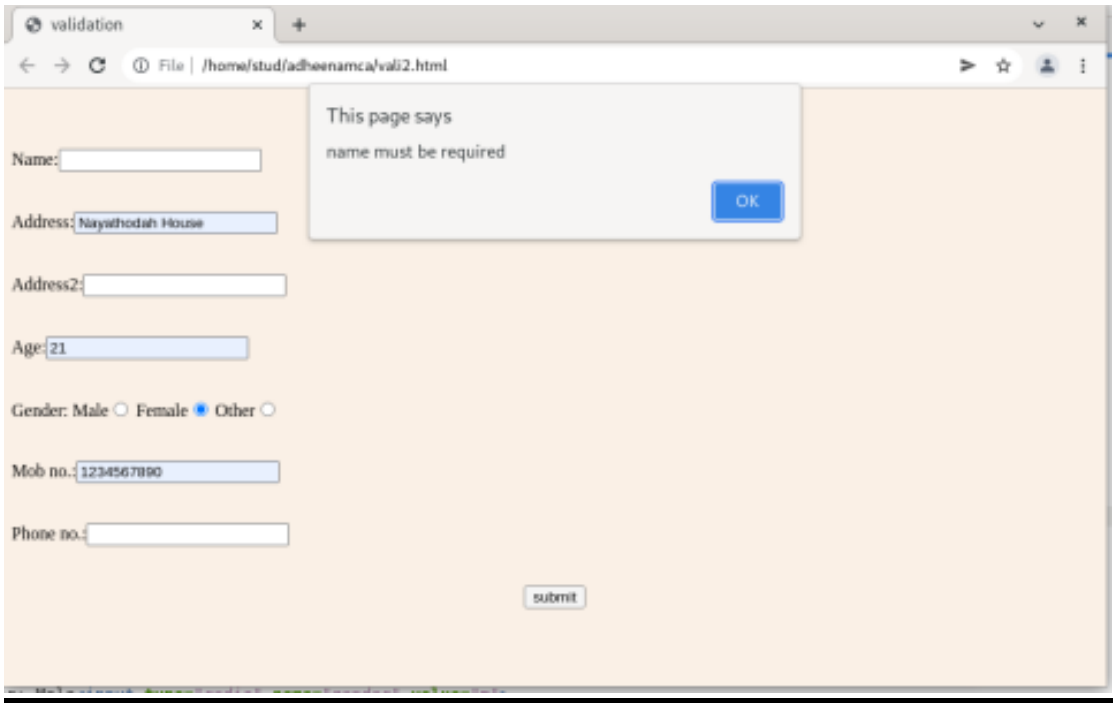
SUBMIT.HTML

```
<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 No: 7

AIM

7.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 heena";
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(){
```

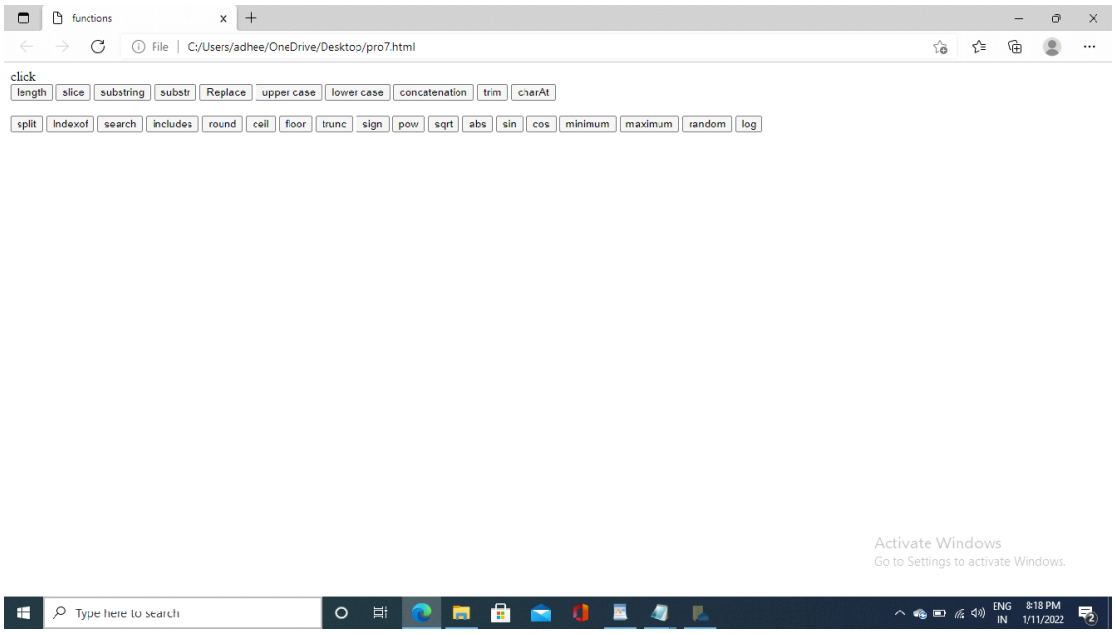
```
num=Math.round(5.6);
alert(num);
}
function cei(){
num=Math.ceil(4.9);
alert(num);
}
function floo(){
num=Math.floor(4.7);
alert(num);
}
function trun(){
num=Math.trunc(4.4);
alert(num);
}
function sig(){
num=Math.sign(-4);
alert(num);
}
function po(){
num=Math.pow(8, 2);
alert(num);
}
function sq(){
num=Math.sqrt(64);
alert(num);
}
```

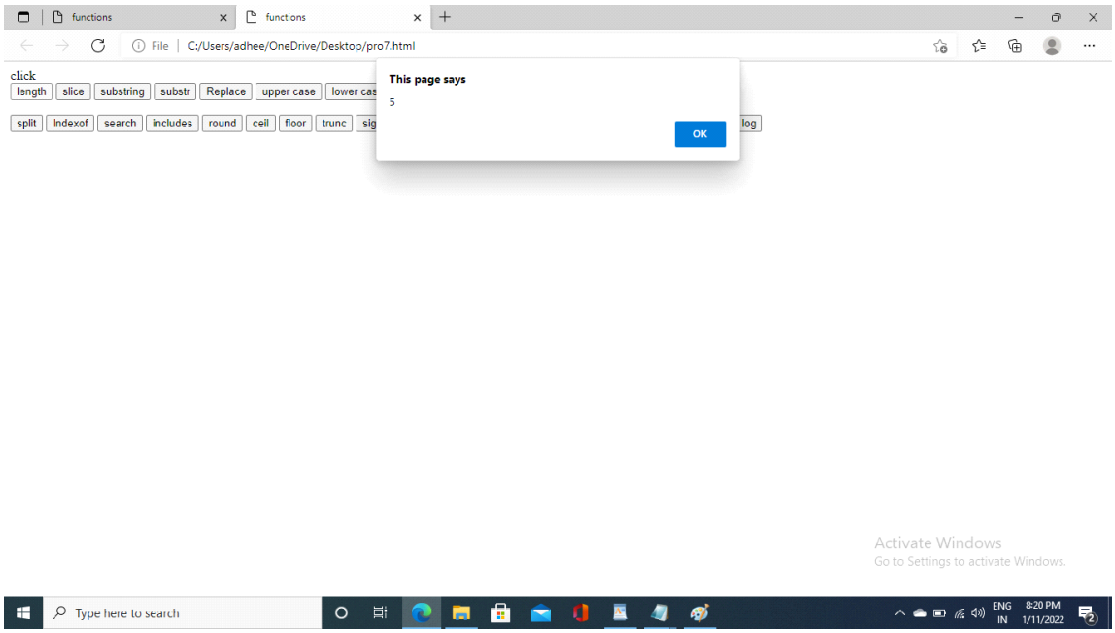
```
function ab(){
num=Math.abs(-4.7);
alert(num);
}
function sin(){
num=Math.sin(90 * Math.PI / 180);
alert(num);
}
function cos(){
num=Math.cos(0 * Math.PI / 180);
alert(num);
}
function min(){
num=Math.min(0, 150, 30, 20, -8, -200);
alert(num);
}
function max(){
num=Math.max(0, 150, 30, 20, -8, -200);
alert(num);
}
function ran(){
num=Math.random();
alert(num);
}
function log(){
num=Math.log(1);
alert(num);
```

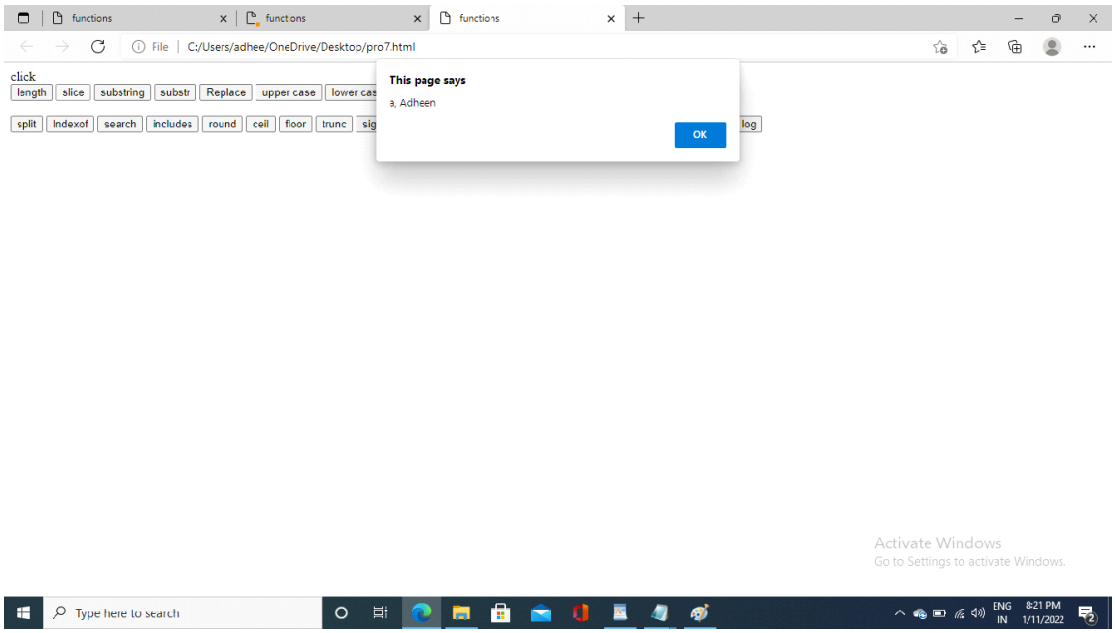
```
}
</script>
</head>
<body>click<br>
<input type="button" onclick="count1()" value="length">
<input type="button" onclick="s()" value="slice">
<input type="button" onclick="sub()" value="substring">
<input type="button" onclick="subt()" value="substr">
<input type="button" onclick="repl()" value="Replace">
<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">
```

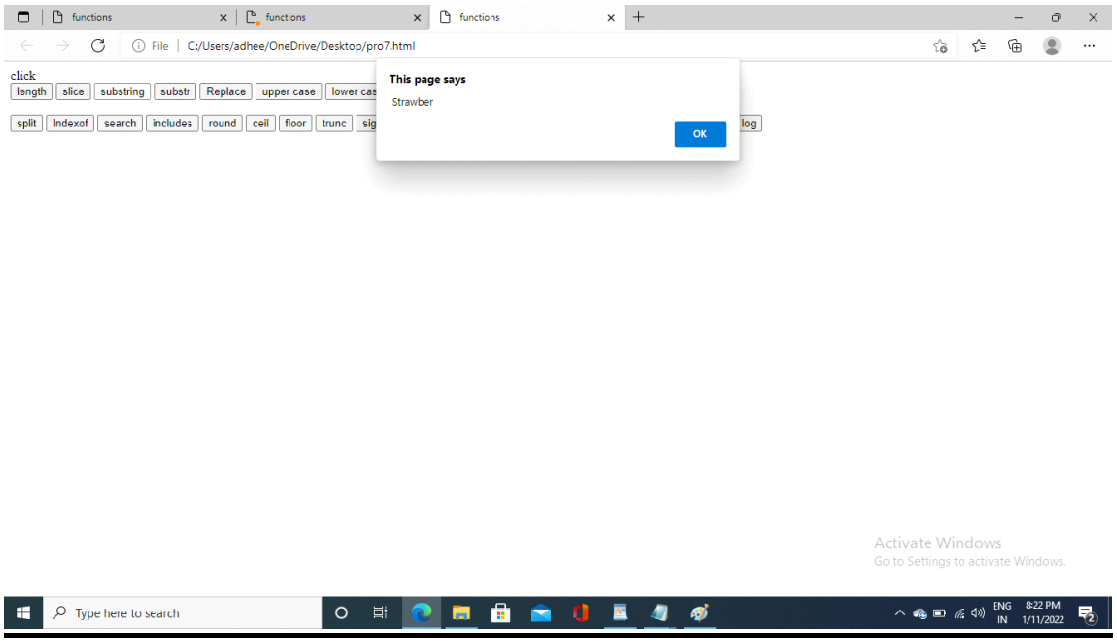
```
<input type="button" onclick="sin()" value="sin">
<input type="button" onclick="cos()" value="cos">
<input type="button" onclick="min()" value="minimum">
<input type="button" onclick="max()" value="maximum">
<input type="button" onclick="ran()" value="random">
<input type="button" onclick="log()" value="log">
</body>
</html>
```

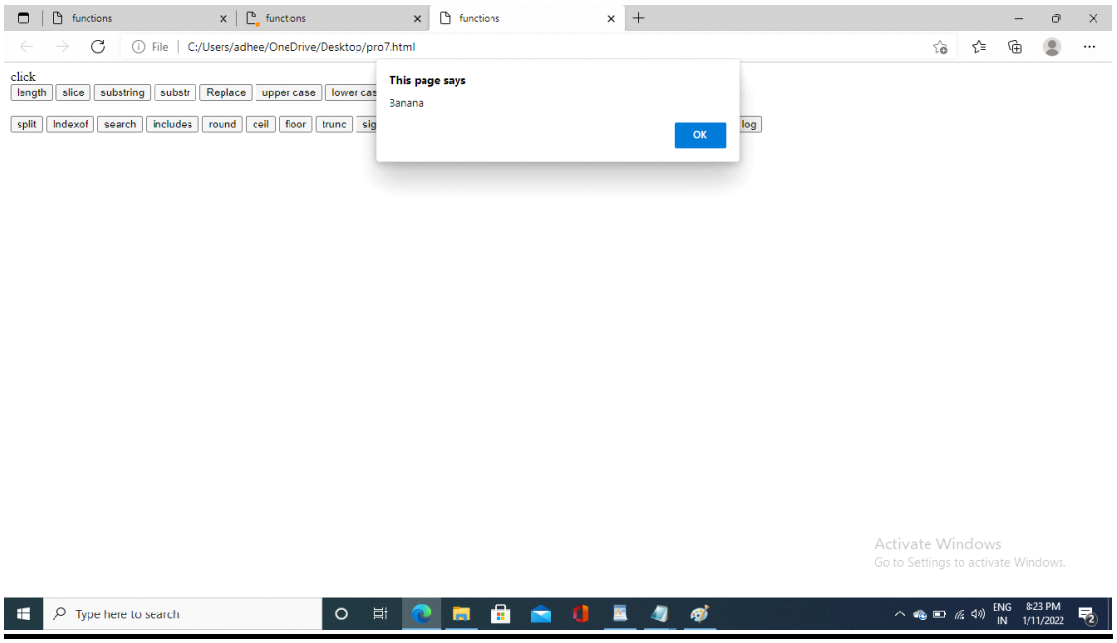
OUTPUT

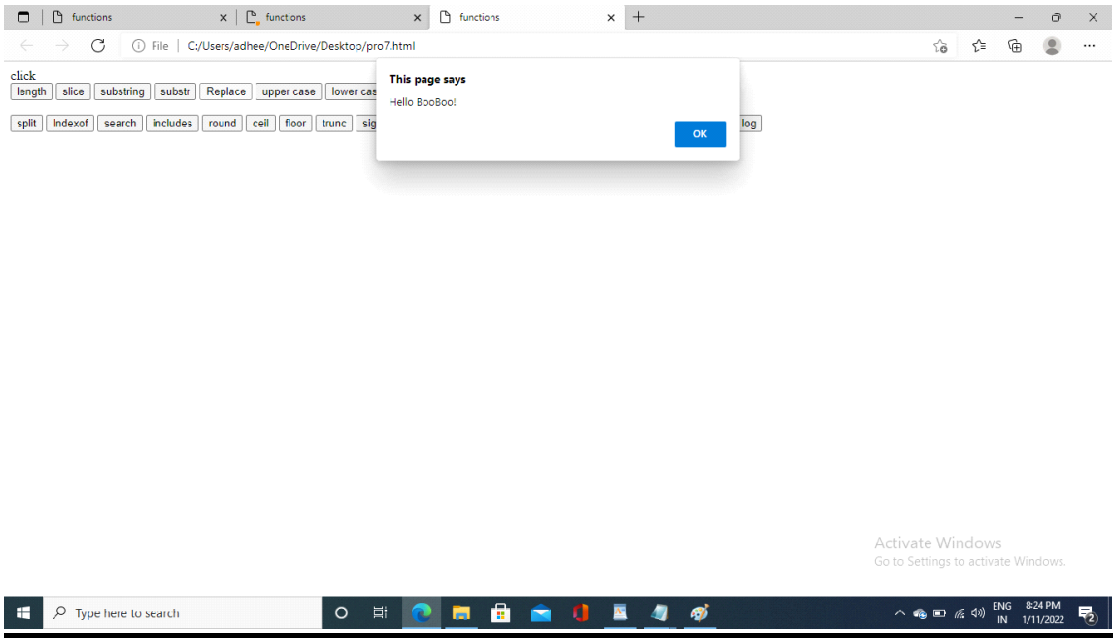


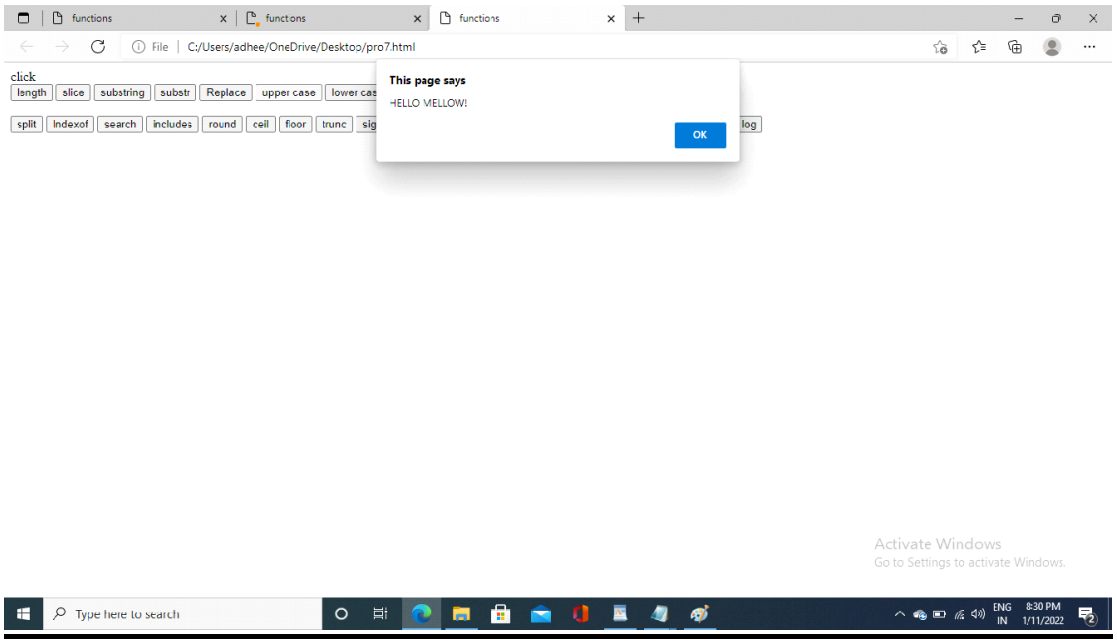

functions
functons
File | C:/Users/adhee/OneDrive/Desktop/pro7.html
click
length
slice
substring
substr
Replace
upper case
split
Indexof
search
includes
round
ceil
floor
trunc
log
This page says
5
OK
Activate Windows
Go to Settings to activate Windows.
Type here to search
ENG
IN
8:20 PM
1/11/2022

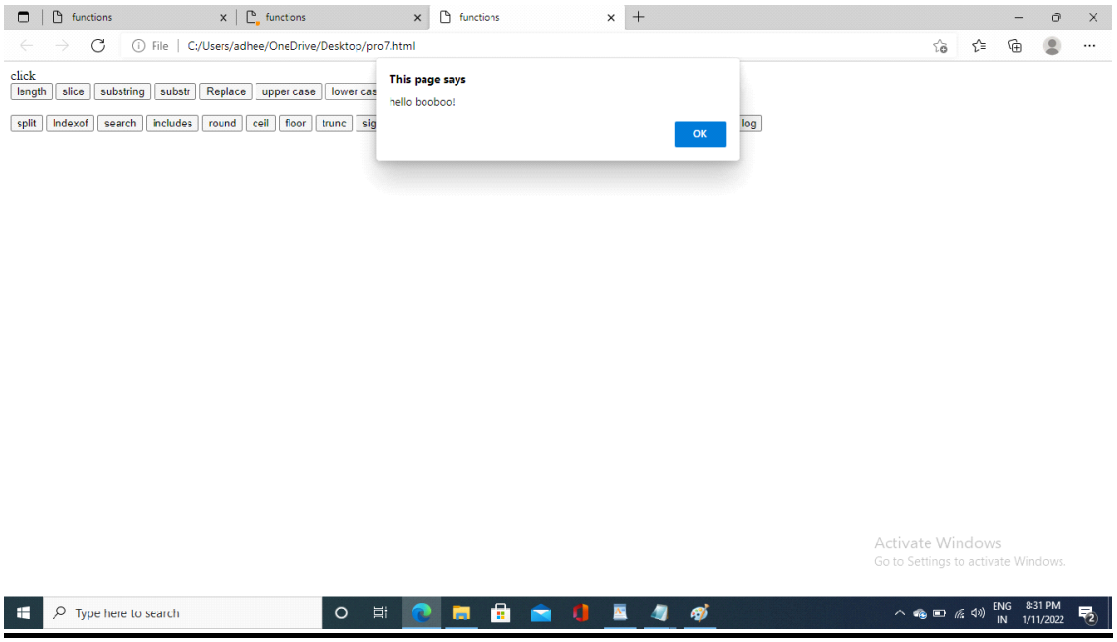

functions
functons
functions
File | C:/Users/adhee/OneDrive/Desktop/pro7.html
click
length
slice
substring
substr
Replace
upper case
split
Indexof
search
includes
round
ceil
floor
trunc
log
This page says
a, Adheen
OK
Activate Windows
Go to Settings to activate Windows.
Type here to search
ENG
IN
8:21 PM
1/11/2022

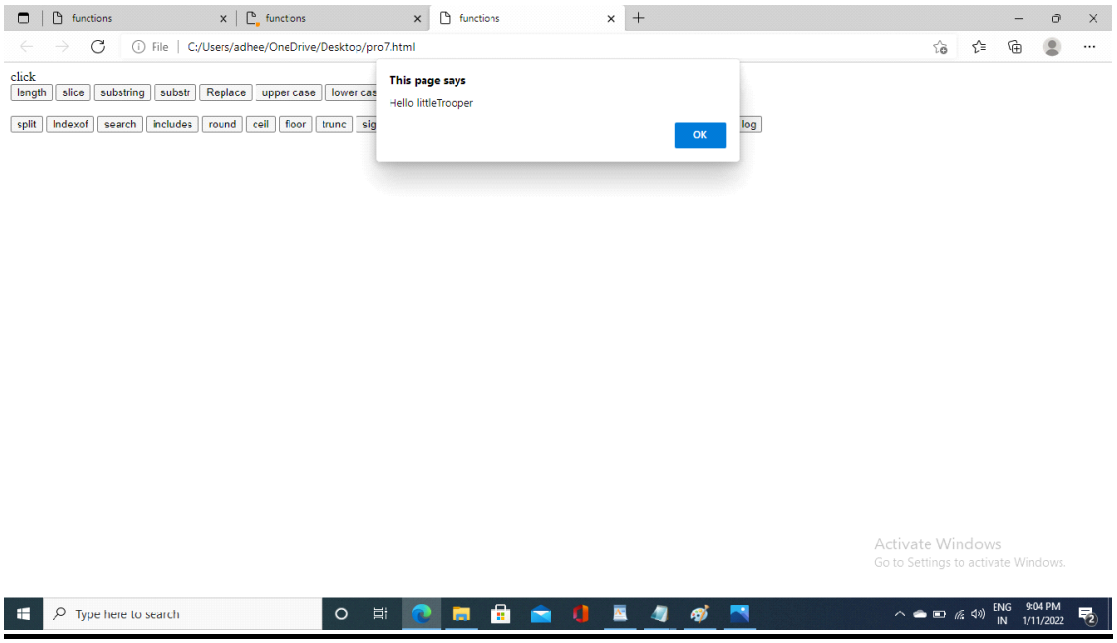

functions
functions
functions
File | C:/Users/adhee/OneDrive/Desktop/pro7.html
click
length
slice
substring
substr
Replace
upper case
split
Indexof
search
includes
round
ceil
floor
trunc
log
This page says
Strawber
OK
Activate Windows
Go to Settings to activate Windows.
Type here to search
ENG
IN
8:22 PM
1/11/2022

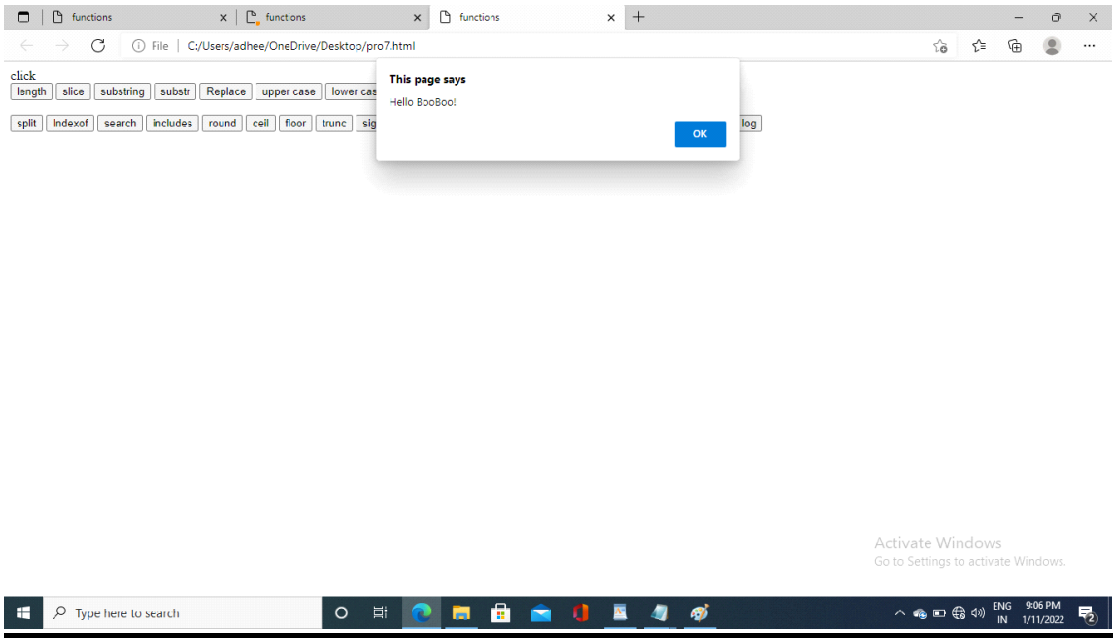

functions
functions
functions
File | C:/Users/adhee/OneDrive/Desktop/pro7.html
click
length
slice
substring
substr
Replace
upper case
split
Indexof
search
includes
round
ceil
floor
trunc
log
This page says
Banana
OK
Activate Windows
Go to Settings to activate Windows.
Type here to search
ENG
IN
8:23 PM
1/11/2022

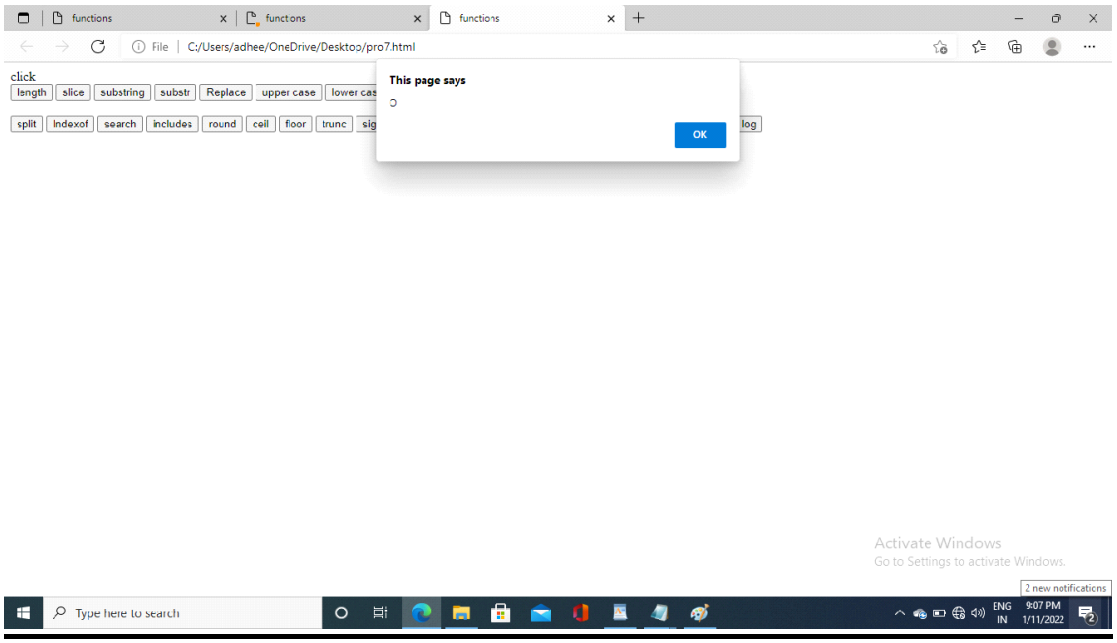

functions
functions
functions
File | C:/Users/adhee/OneDrive/Desktop/pro7.html
click
length
slice
substring
substr
Replace
upper case
split
Indexof
search
includes
round
ceil
floor
trunc
log
This page says
Hello BooBoo!
OK
Activate Windows
Go to Settings to activate Windows.
Type here to search
ENG
IN
8:24 PM
1/11/2022

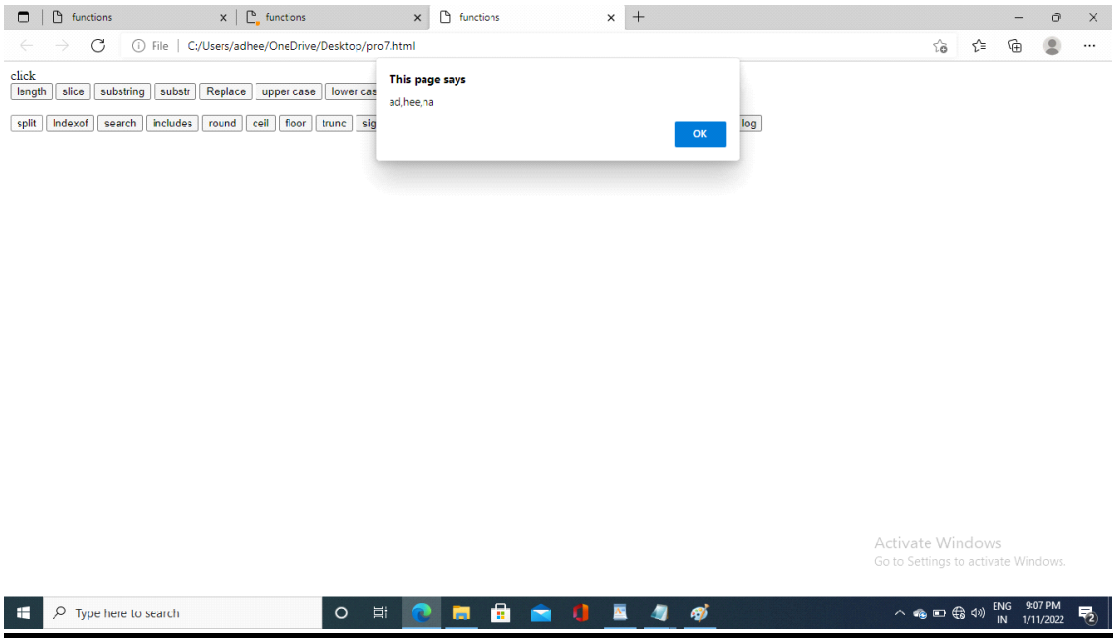

functions
functions
functions
File | C:/Users/adhee/OneDrive/Desktop/pro7.html
click
length
slice
substring
substr
Replace
upper case
split
Indexof
search
includes
round
ceil
floor
trunc
log
This page says
HELLO MELLOW!
OK
Activate Windows
Go to Settings to activate Windows.
Type here to search
ENG
IN
8:30 PM
1/11/2022

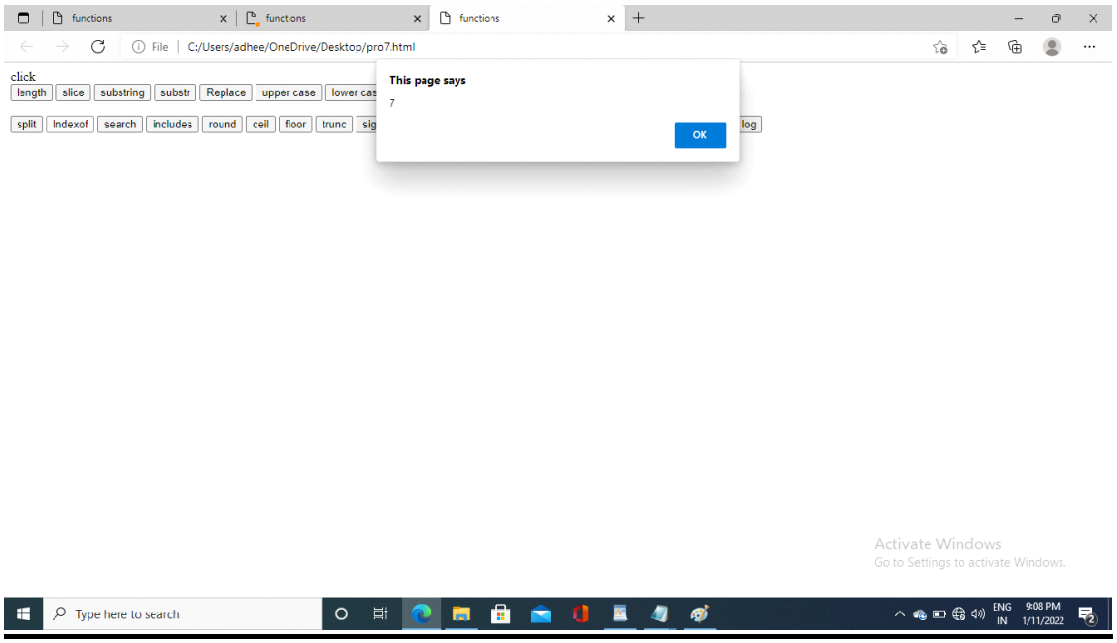

functions
functons
functions
File | C:/Users/adhee/OneDrive/Desktop/pro7.html
click
length
slice
substring
substr
Replace
upper case
split
Indexof
search
includes
round
ceil
floor
trunc
log
This page says
hello boobool
OK
Activate Windows
Go to Settings to activate Windows.
Type here to search
ENG
IN
8:31 PM
1/11/2022

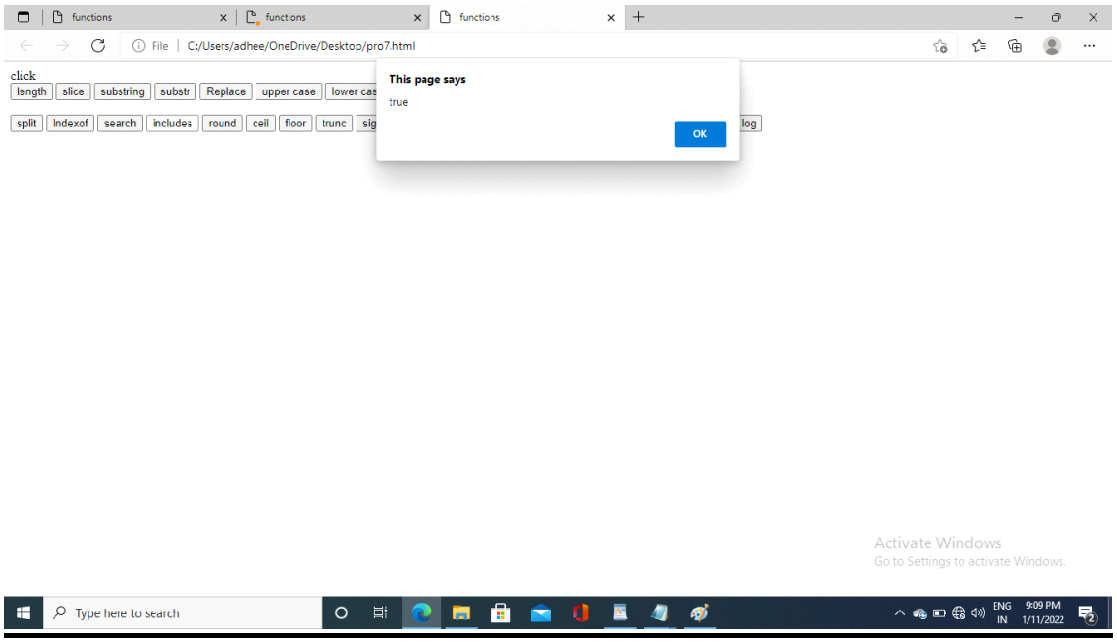

functions
functons
functions
File | C:/Users/adhee/OneDrive/Desktop/pro7.html
click
length
slice
substring
substr
Replace
upper case
split
Indexof
search
includes
round
ceil
floor
trunc
log
This page says
Hello littleTrooper
OK
Activate Windows
Go to Settings to activate Windows.
Type here to search
ENG
IN
9:04 PM
1/11/2022

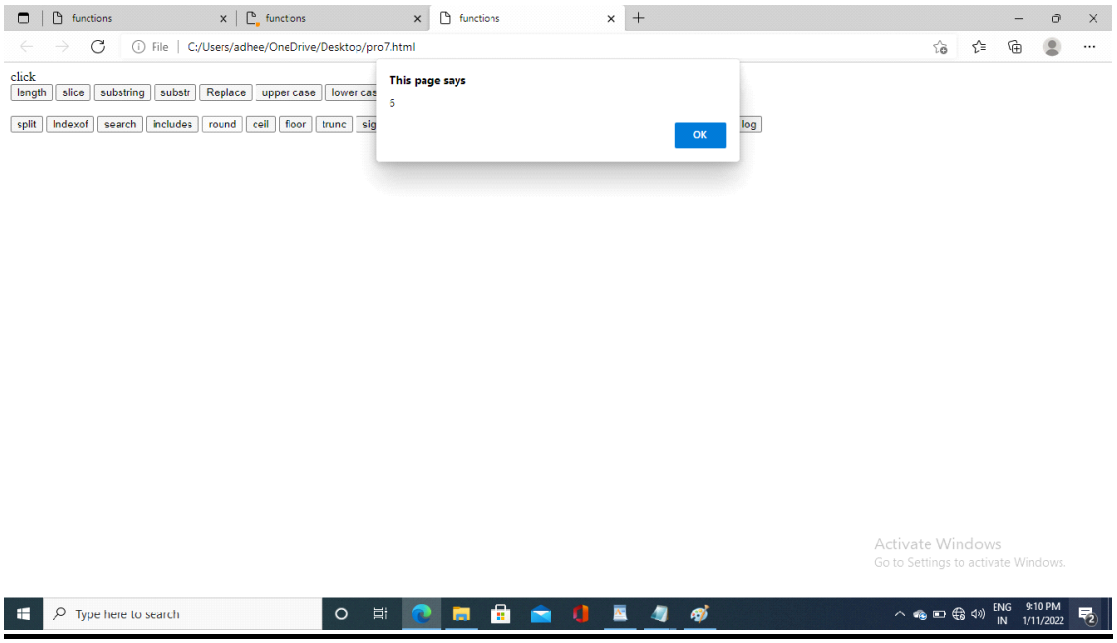

functions
functons
functions
File | C:/Users/adhee/OneDrive/Desktop/pro7.html
click
length
slice
substring
substr
Replace
upper case
split
Indexof
search
includes
round
ceil
floor
trunc
log
This page says
Hello BooBoo!
OK
Activate Windows
Go to Settings to activate Windows.
Type here to search
ENG
IN
9:06 PM
1/11/2022

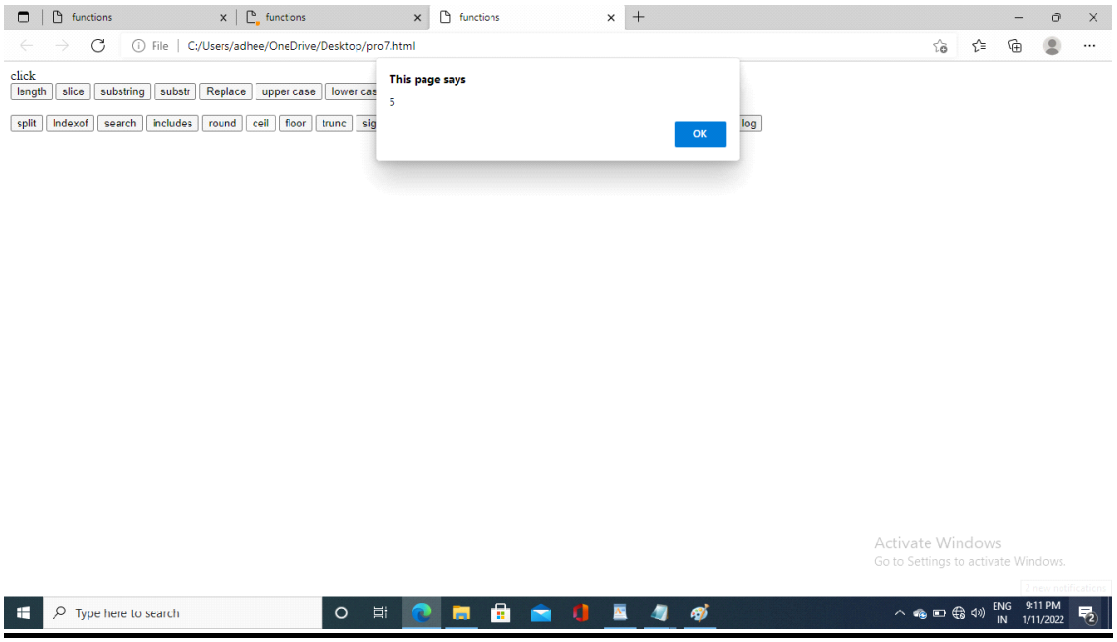

functions
functons
functions
File | C:/Users/adhee/OneDrive/Desktop/pro7.html
click
length
slice
substring
substr
Replace
upper case
split
Indexof
search
includes
round
ceil
floor
trunc
log
This page says
OK
Activate Windows
Go to Settings to activate Windows.
2 new notifications
Type here to search
ENG
IN
9:07 PM
1/11/2022

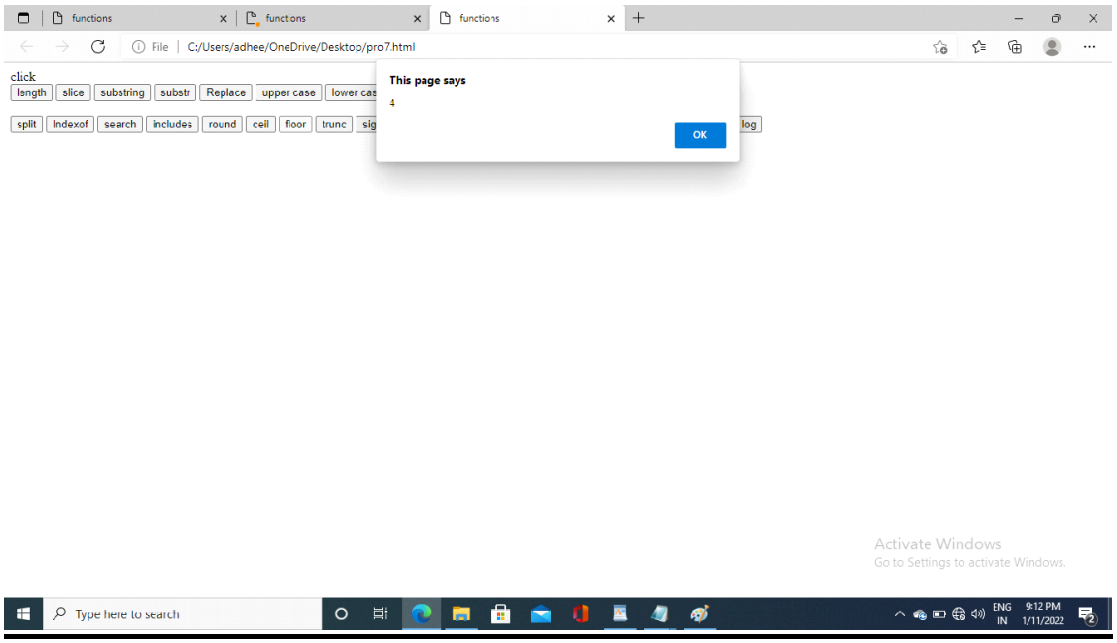

functions
functons
functions
File | C:/Users/adhee/OneDrive/Desktop/pro7.html
click
length
slice
substring
substr
Replace
upper case
split
Indexof
search
includes
round
ceil
floor
trunc
log
This page says
ad,hee,na
OK
Activate Windows
Go to Settings to activate Windows.
Type here to search
ENG
IN
9:07 PM
1/11/2022

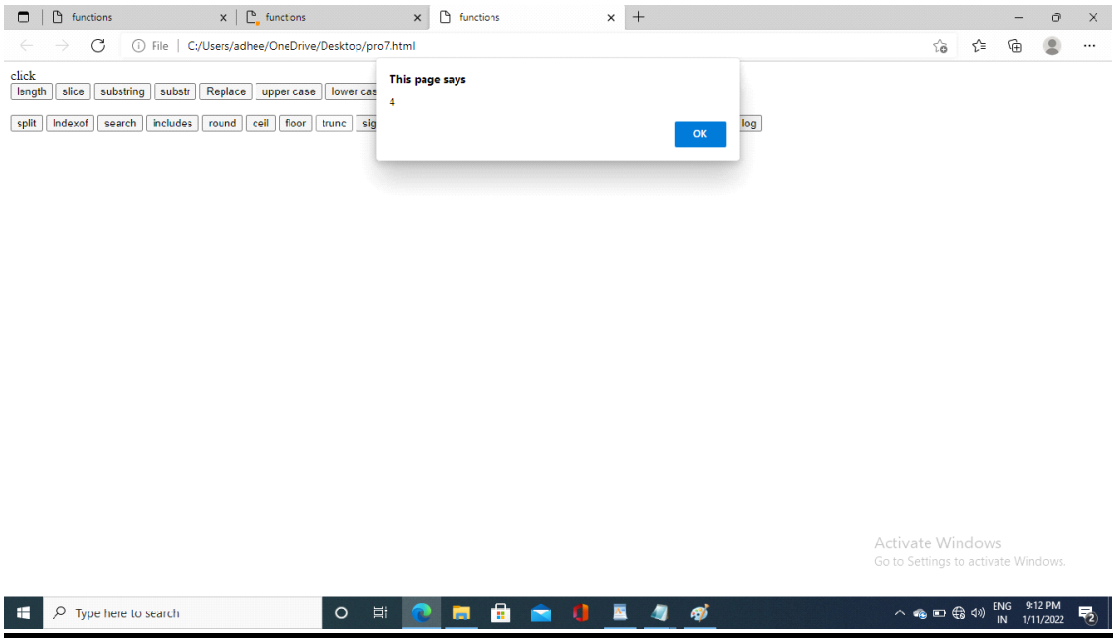

functions
functons
functions
File | C:/Users/adhee/OneDrive/Desktop/pro7.html
click
length
slice
substring
substr
Replace
upper case
split
Indexof
search
includes
round
ceil
floor
trunc
log
This page says
7
OK
Activate Windows
Go to Settings to activate Windows.
Type here to search
ENG
IN
9:08 PM
1/11/2022

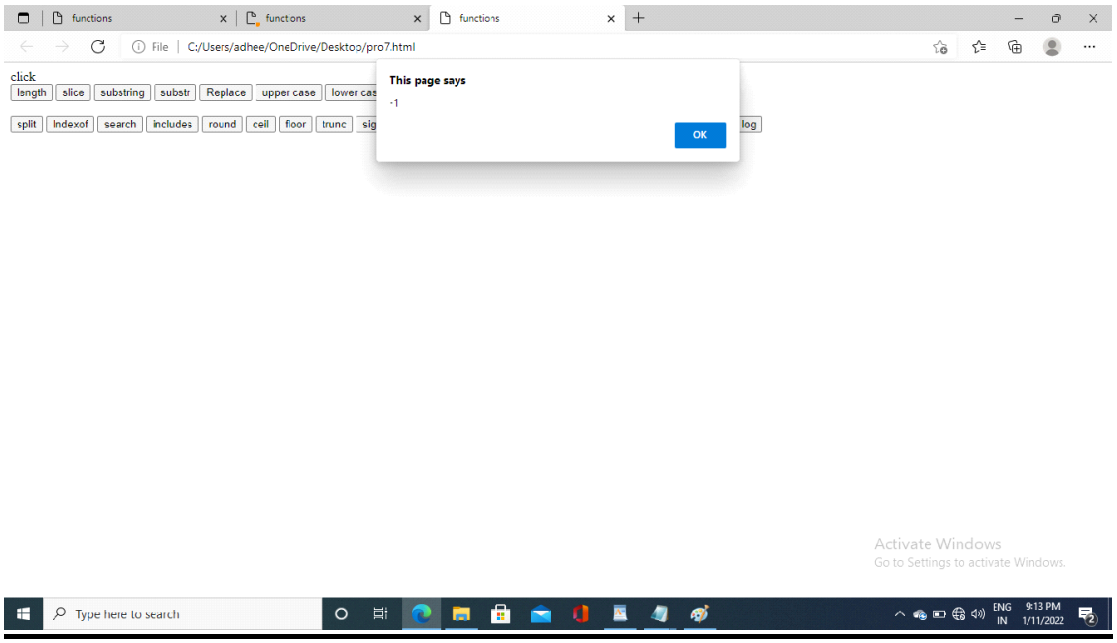

functions
functions
functions
File | C:/Users/adhee/OneDrive/Desktop/pro7.html
click
length
slice
substring
substr
Replace
upper case
split
Indexof
search
includes
round
ceil
floor
trunc
log
This page says
true
OK
Activate Windows
Go to Settings to activate Windows.
Type here to search
ENG
IN
9:09 PM
1/11/2022

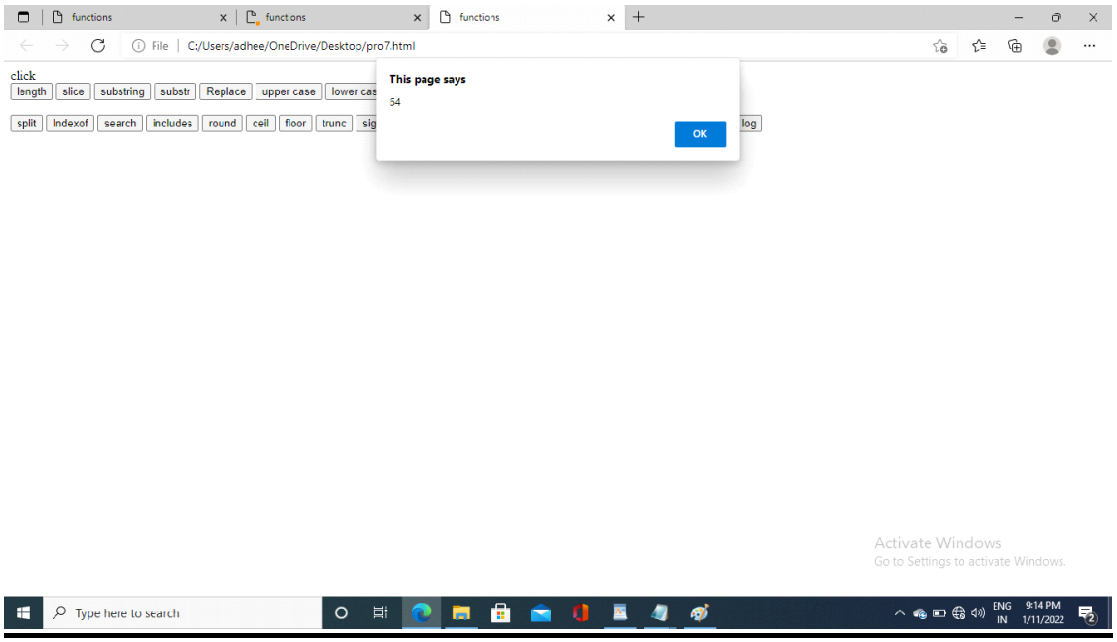

functions
functions
functions
File | C:/Users/adhee/OneDrive/Desktop/pro7.html
click
length
slice
substring
substr
Replace
upper case
split
Indexof
search
includes
round
ceil
floor
trunc
log
This page says
5
OK
Activate Windows
Go to Settings to activate Windows.
Type here to search
ENG
IN
9:10 PM
1/11/2022

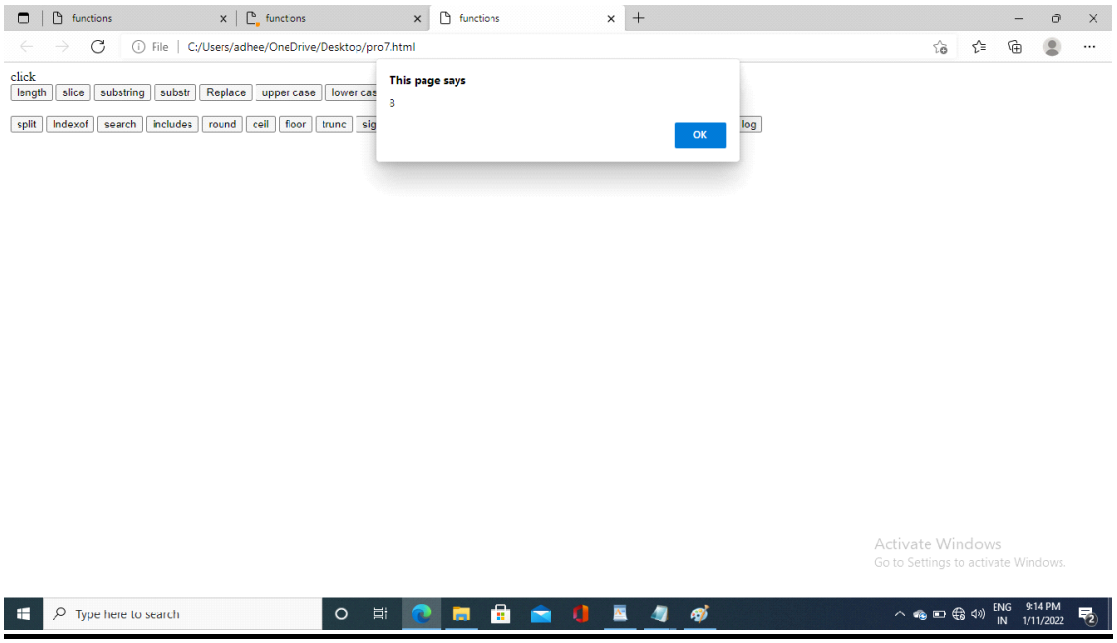

functions
functions
functions
File | C:/Users/adhee/OneDrive/Desktop/pro7.html
click
length
slice
substring
substr
Replace
upper case
split
Indexof
search
includes
round
ceil
floor
trunc
log
This page says
5
OK
Activate Windows
Go to Settings to activate Windows.
Type here to search
ENG
IN
9:11 PM
1/11/2022

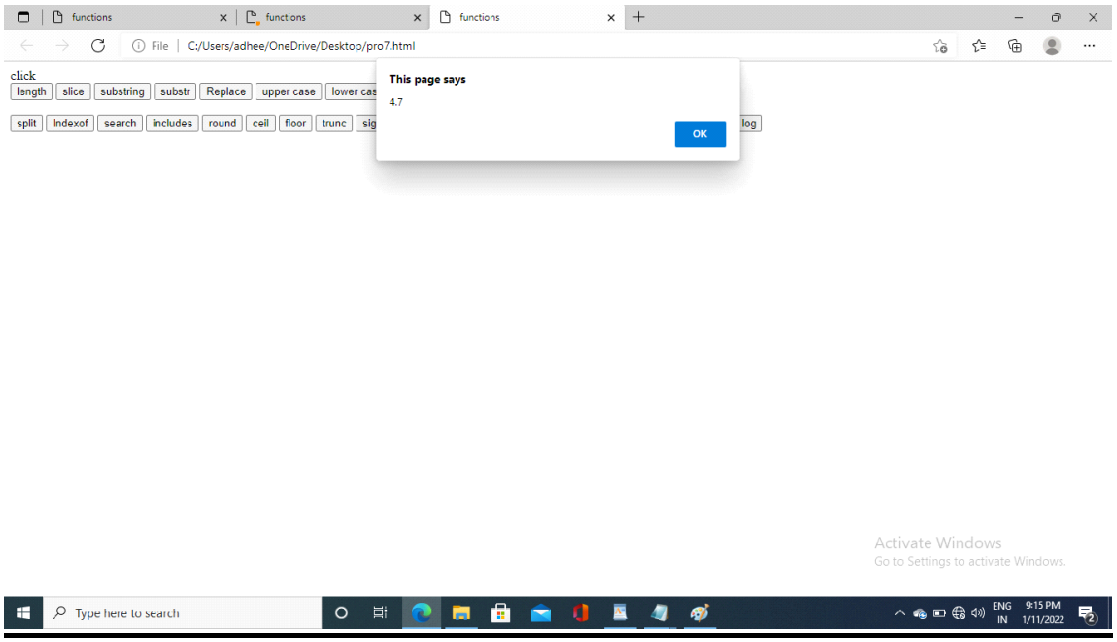

functions
functions
functions
File | C:/Users/adhee/OneDrive/Desktop/pro7.html
click
length
slice
substring
substr
Replace
upper case
split
Indexof
search
includes
round
ceil
floor
trunc
log
This page says
4
OK
Activate Windows
Go to Settings to activate Windows.
Type here to search
ENG
IN
9:12 PM
1/11/2022

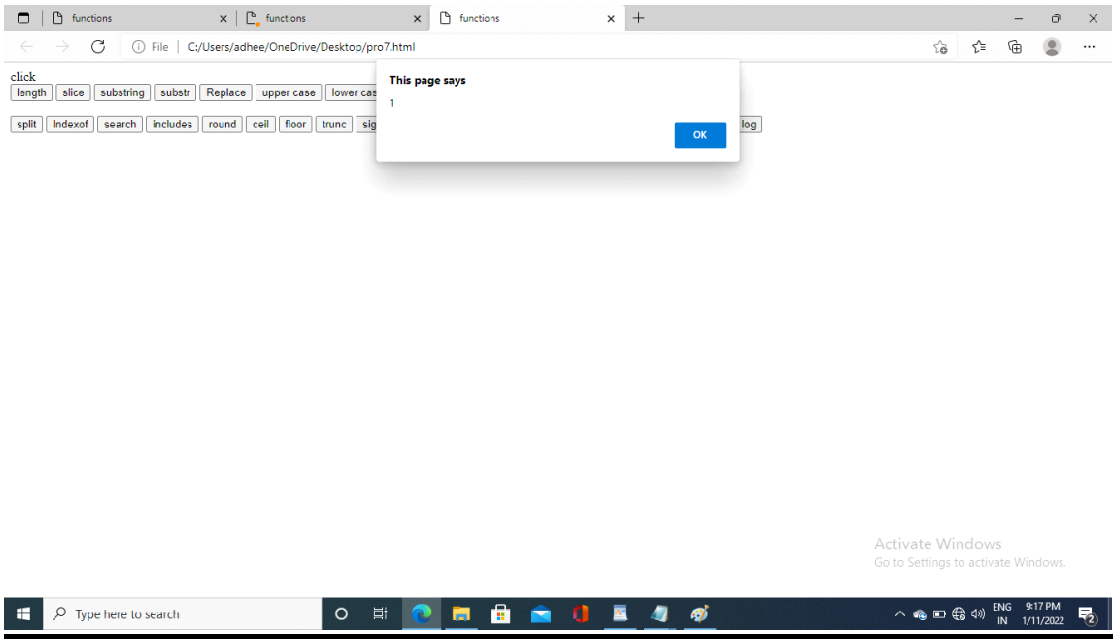

functions
functons
functions
File | C:/Users/adhee/OneDrive/Desktop/pro7.html
click
length
slice
substring
substr
Replace
upper case
split
Indexof
search
includes
round
ceil
floor
trunc
log
This page says
4
OK
Activate Windows
Go to Settings to activate Windows.
Type here to search
ENG
IN
9:12 PM
1/11/2022

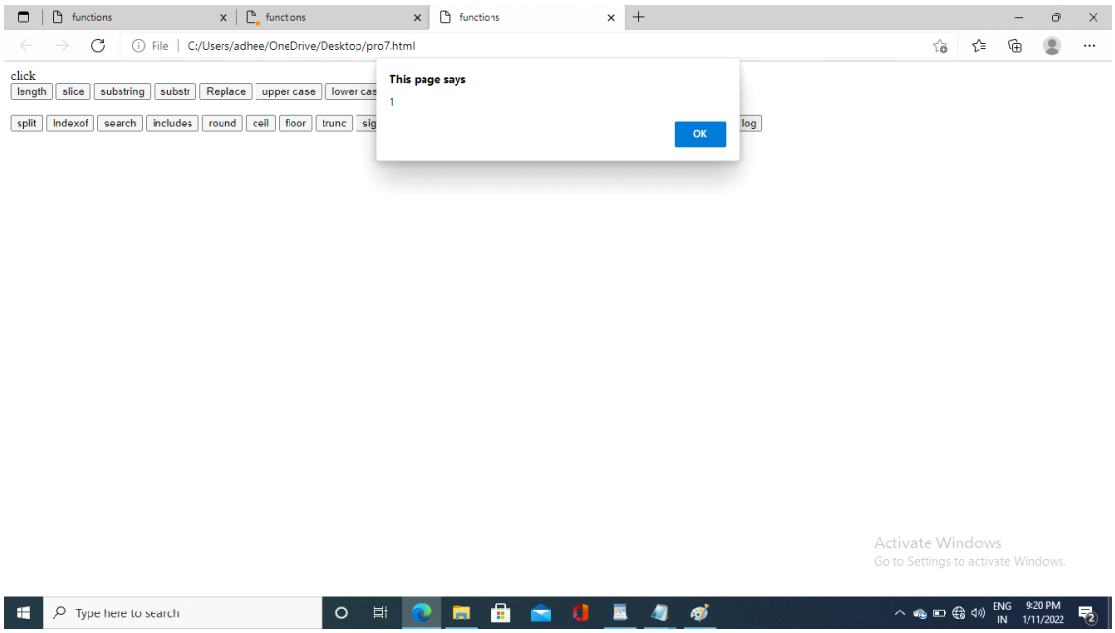

functions
functons
functions
File | C:/Users/adhee/OneDrive/Desktop/pro7.html
click
length
slice
substring
substr
Replace
upper case
split
Indexof
search
includes
round
ceil
floor
trunc
log
This page says
-1
OK
Activate Windows
Go to Settings to activate Windows.
Type here to search
ENG
IN
9:13 PM
1/11/2022

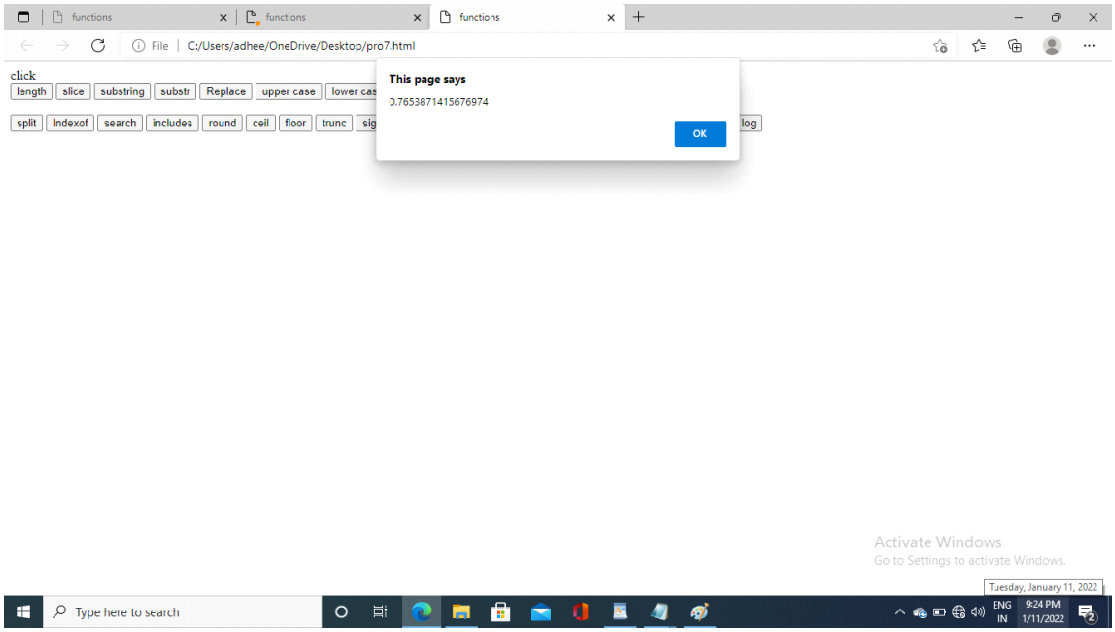

functions
functions
functions
File | C:/Users/adhee/OneDrive/Desktop/pro7.html
click
length
slice
substring
substr
Replace
upper case
split
Indexof
search
includes
round
ceil
floor
trunc
log
This page says
54
OK
Activate Windows
Go to Settings to activate Windows.
Type here to search
ENG
IN
9:14 PM
1/11/2022

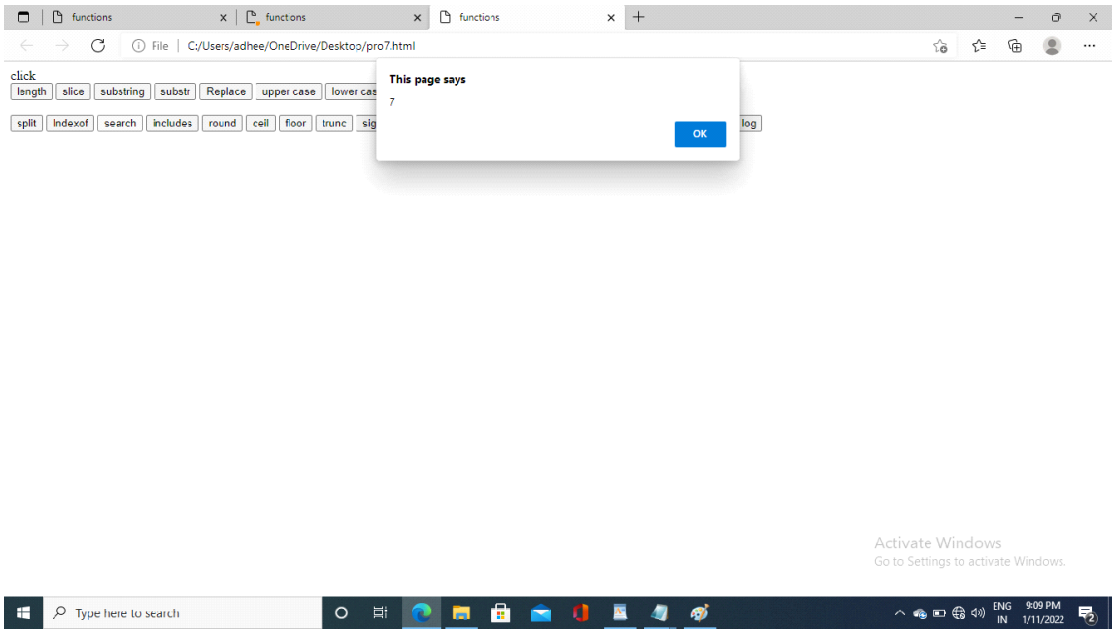

functions
functions
functions
File | C:/Users/adhee/OneDrive/Desktop/pro7.html
click
length
slice
substring
substr
Replace
upper case
split
Indexof
search
includes
round
ceil
floor
trunc
log
This page says
3
OK
Activate Windows
Go to Settings to activate Windows.
Type here to search
ENG
IN
9:14 PM
1/11/2022

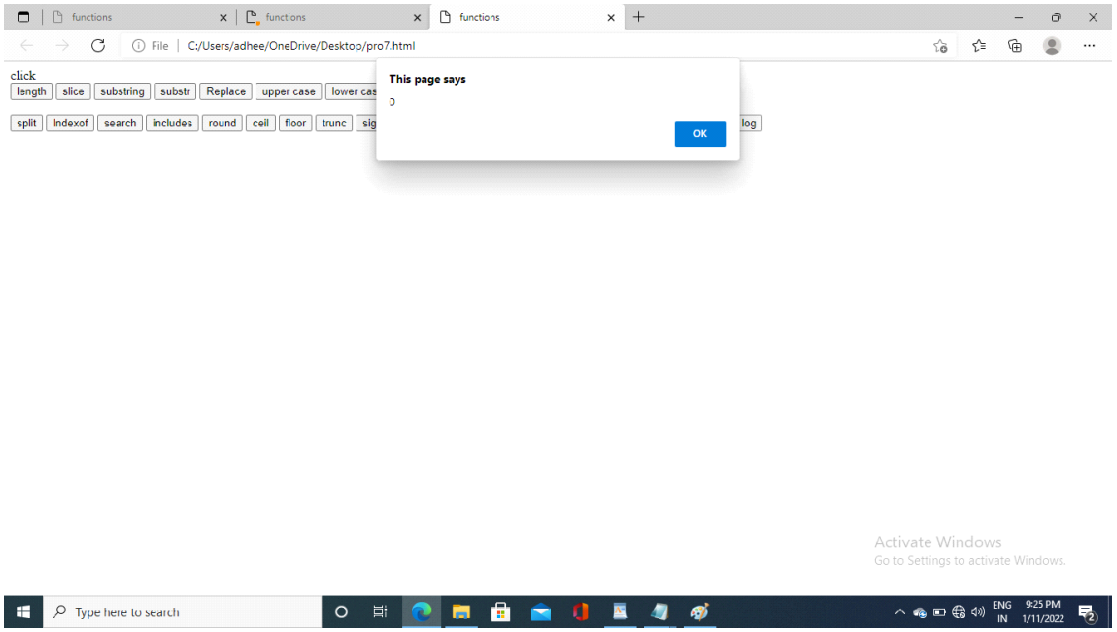

functions
functons
functions
File | C:/Users/adhee/OneDrive/Desktop/pro7.html
click
length
slice
substring
substr
Replace
upper case
split
Indexof
search
includes
round
ceil
floor
trunc
log
This page says
4.7
OK
Activate Windows
Go to Settings to activate Windows.
Type here to search
ENG
IN
9:15 PM
1/11/2022


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
1
OK
Activate Windows
Go to Settings to activate Windows.
Type here to search
ENG
IN
9:17 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
1
OK
Activate Windows
Go to Settings to activate Windows.
Type here to search
ENG
IN
9:20 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
0.7653871415676974
OK
Activate Windows
Go to Settings to activate Windows.
Tuesday, January 11, 2022
Type here to search
ENG
IN
9:24 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
7
OK
Activate Windows
Go to Settings to activate Windows.
Type here to search
ENG
IN
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
0
OK
Activate Windows
Go to Settings to activate Windows.
Type here to search
ENG
IN
9:25 PM
1/11/2022

Experiment No: 7

AIM

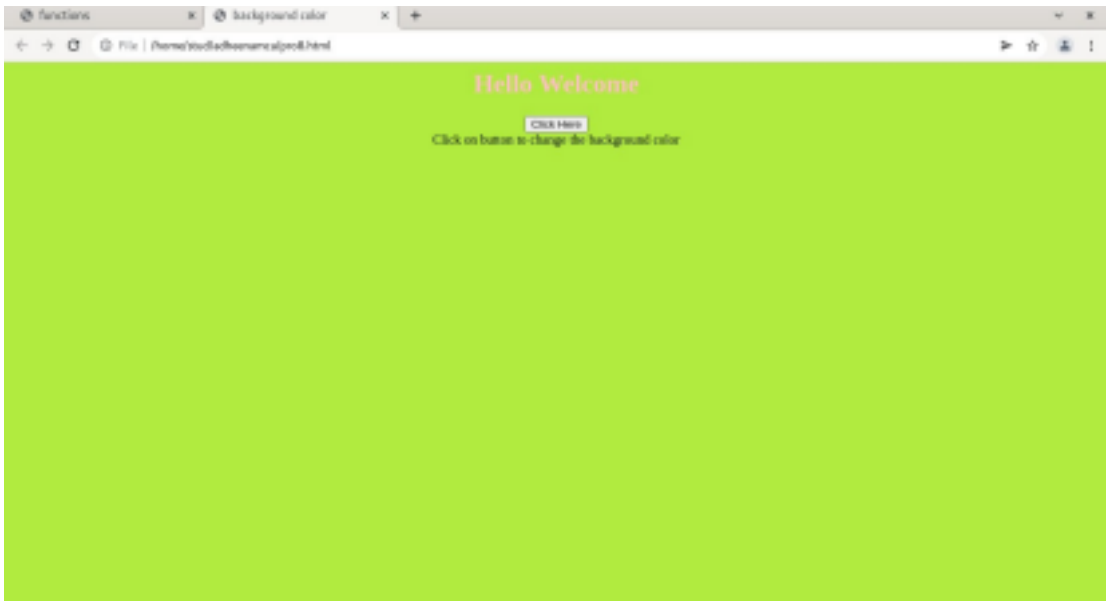
8.Create a HTML page to change the background color for every click of a button using JavaScript Event Handling

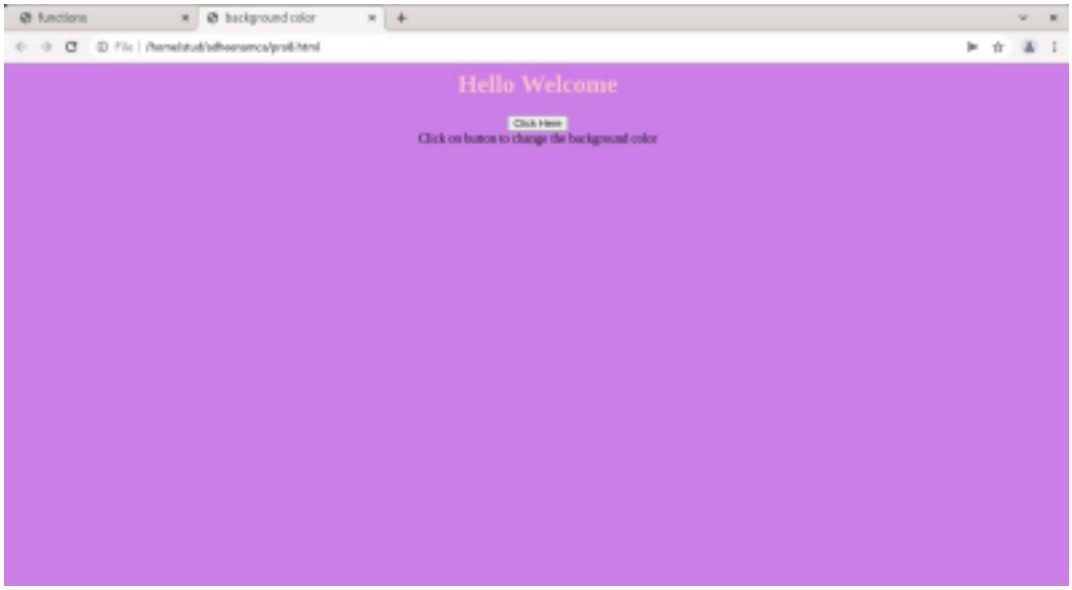
PROGRAM CODE

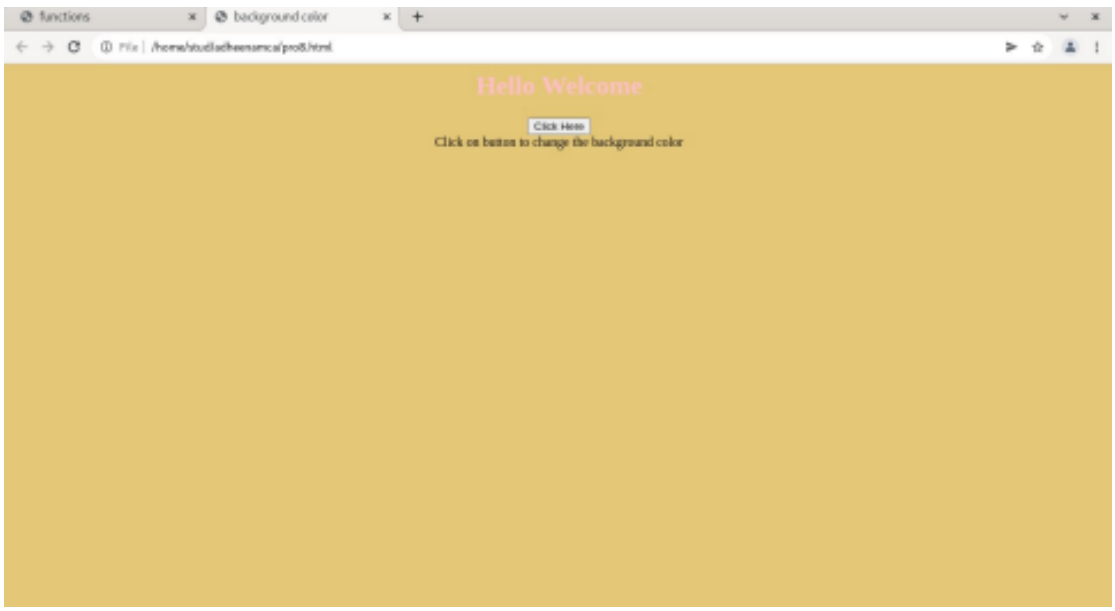
```
<html>
<head>
<title>
background color
</title>
</head>
<body style = "text-align:center;">
<h1 style = "color:pink;" >
 Hello Welcome
</h1>
<button type="button" id="color-button" onclick="changeBg()">Click Here </button>
<br>
<script>
document.writeln( "Click on button to change the background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

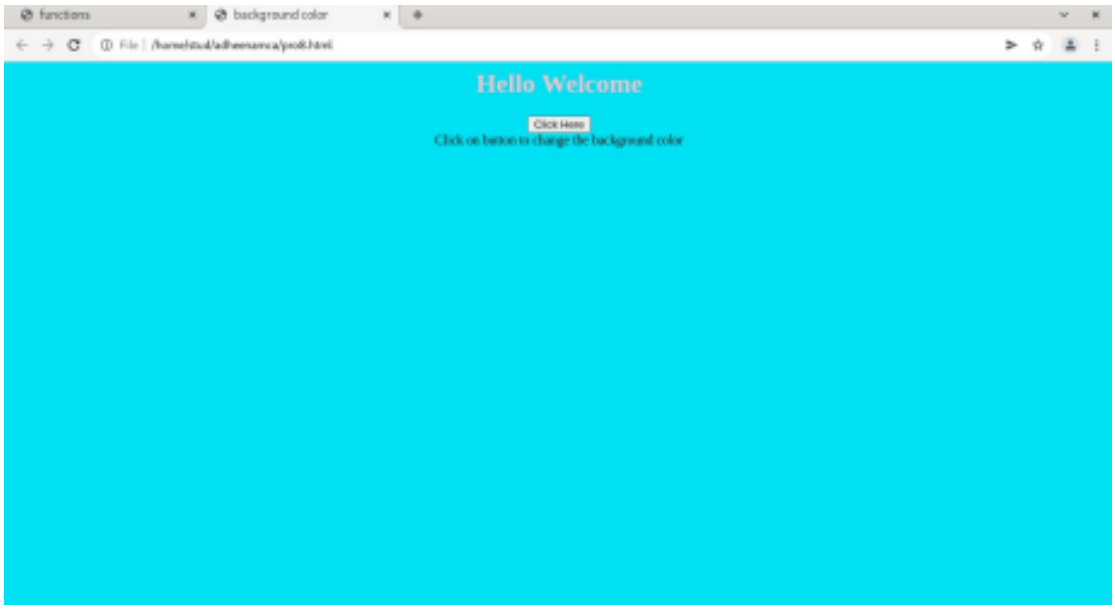
</html>

OUTPUT


Hello Welcome
Click Here
Click on button to change the 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 No: 9

AIM

9.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 No: 10

AIM

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

PROGRAM CODE

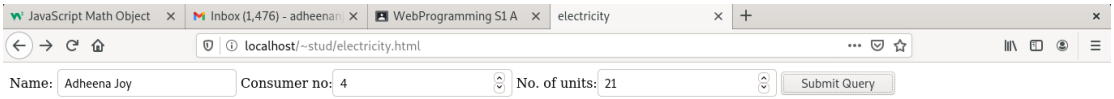
electricity.html

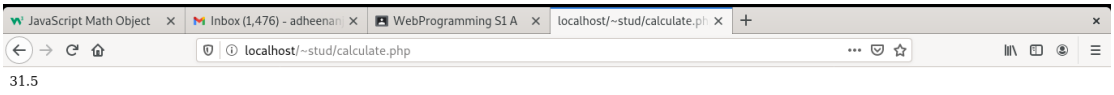
```
<html>
<head>
<title>electricity</title>
</head>
<body>
<form action="calculate.php" method="post">
Name: <input type="text" name="fname">
Consumer no:<input type="number" name="consumer">
No. of units:<input type="number" name="units">
<input type="submit">
</form>
</body>
</html>
```

calculate.php

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

OUTPUT


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


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

Experiment No: 11

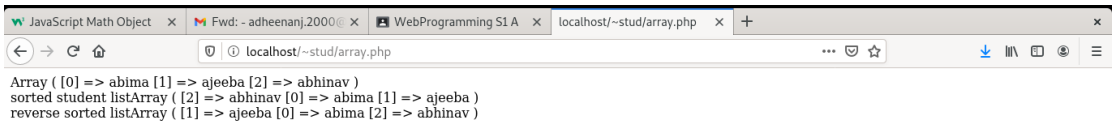
AIM

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

PROGRAM CODE

```
<?php
$stud=array("abima","ajeeba","abhinav");
print_r($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 No: 12

AIM

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

PROGRAM CODE

```
<html>

<body>

<?php

$Indcricketers= array("Virat Kohli", "M S Dhoni", "Rohit Sharma");
echo "Indian Cricketers: " .  $Indcricketers[0] . ", " . $Indcricketers[1] ." and" . $Indcricketers[2] . "."; echo
"<h3>INDIAN  CRICKETERS</h3><table border='1'>

<tr>

<th>NO</th>

<th>NAMES</th>

</tr>

<tr>

<td>1</td>

<td>Virat Kohli</td>

</tr>

<tr>

<td>2</td>

<td>M S Dhoni</td>

</tr>

<tr>

<td>3</td>

<td>Rohit Sharma</td>

</tr>";
```

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

OUTPUT

Indian Cricketers: Virat Kohli, M S Dhoni andRohit Sharma.

INDIAN CRICKETERS

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

Experiment No: 13

AIM

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

PROGRAM CODE

bookinfo.html

```
<html>
<head>
<title>book</title>
</head>
<body align="center"><u>BOOK INFORMATION SYSTEM</u><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

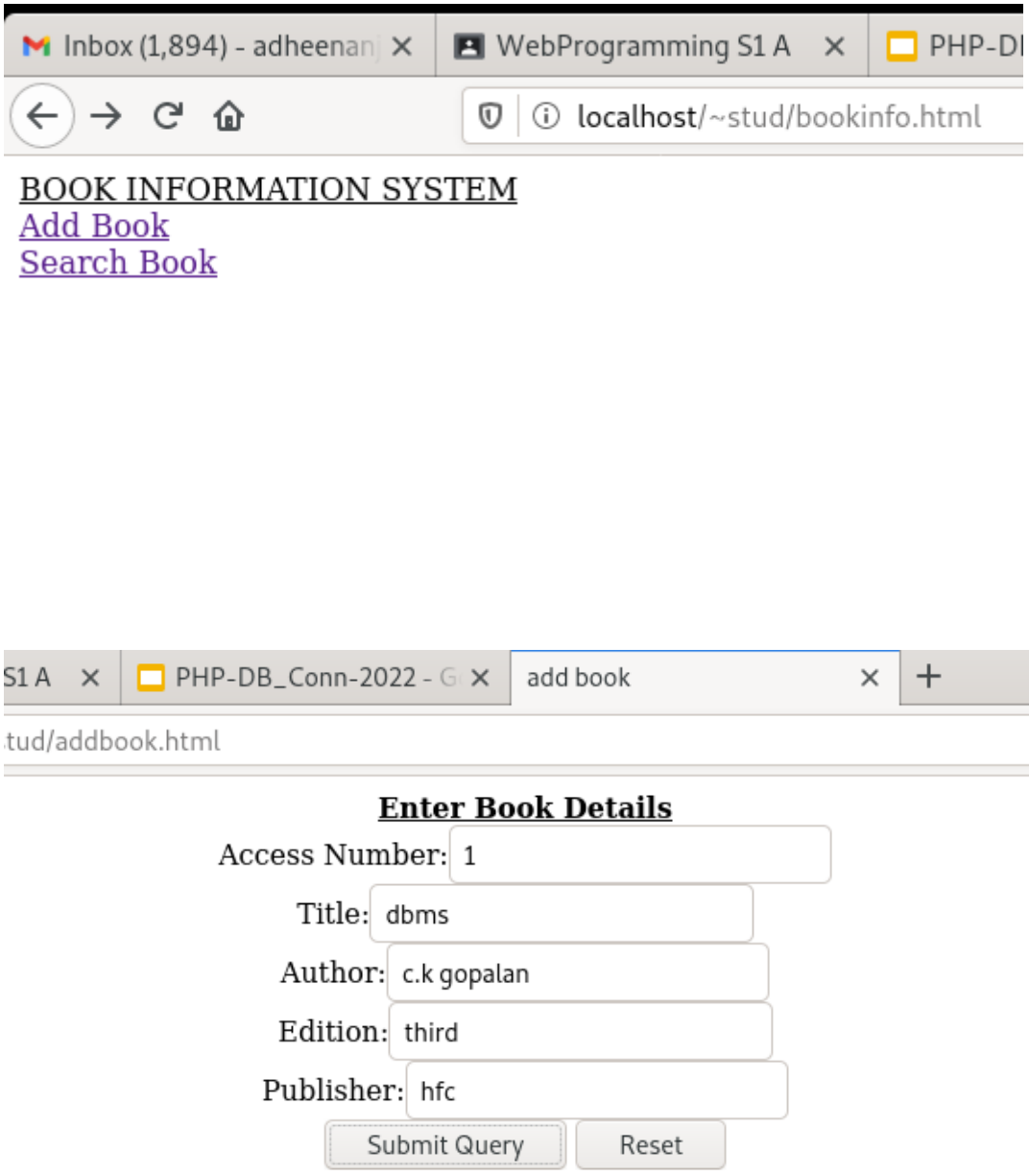
```
<html>
<head>
<title>search</title>
</head>
<body>
<form name="frm2" action="searchl.php"
method="POST">
<center>
<b><u>SEARCH A BOOK</u></b><br>
Enter book title:<input type="text" name="txt"><br>
<input type="submit" name="Submit">
</center>
</form>
</body>
</html>
```

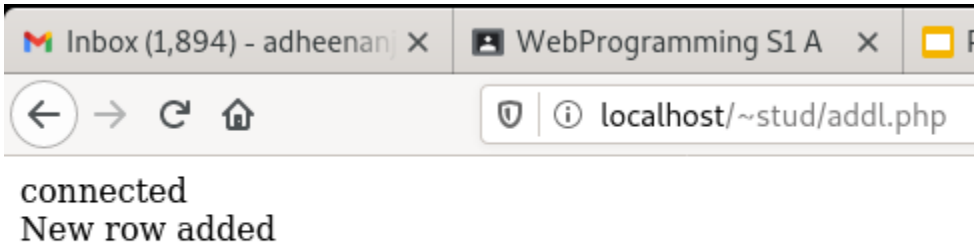
searchl.php

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

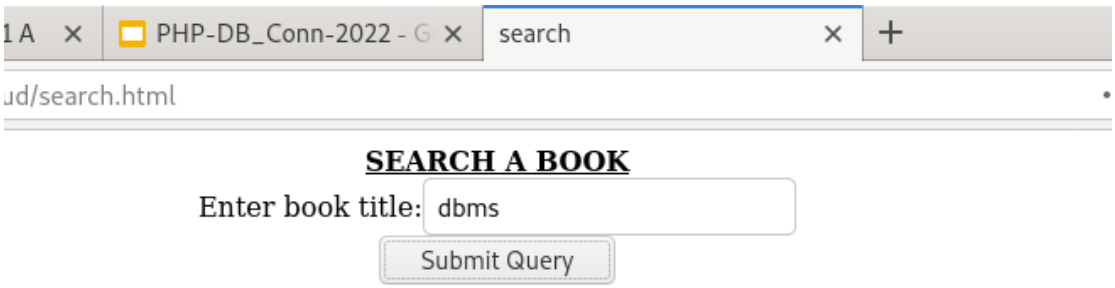
OUTPUT

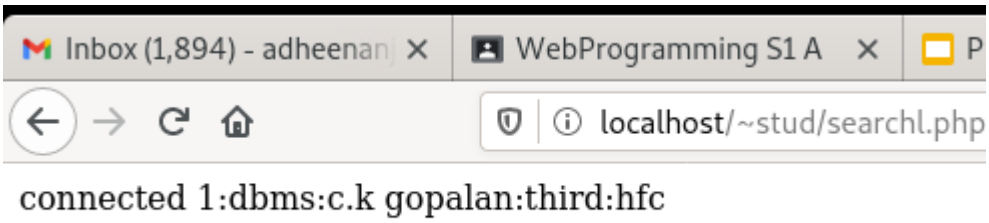





```
stud@debian:~$ mysql -u fisat -p
Enter password:
Welcome to the MariaDB monitor.  Commands end with ; or \g.
Your MariaDB connection id is 59
Server version: 10.5.11-MariaDB-1 Debian 11

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 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

```
<?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