WEB PROGRAMMING LAB

CO-2

SINDOORI B

MCA136

LABCYCLE 2 QUESTION 1
AIM:MATH OBJECTS

Create a HTML page to explain the use of various predefined functions in a string and math object in the javascript

PROGRAM CODE:

predefined.html	
| | ```html
<html>
<head>
<title>predefining</title>
</head>
<body>
<script>
var num=Math.abs(-16)
document.write("absolute value",+num);
var str="welcome world";
document.write("<br>")
document.write("char at 0 is:"+str.charAt(0));
var c=50.65
var x=Math.ceil(c)
document.write("<br>ceil value of no is :"+x);
var lw="web programming";
document.write("<br>to upper "+lw.toUpperCase());
var power=Math.pow(3,2);
document.write("<br> power of the given number is "+power);
</script>
</body>
</html>
``` |

RESULT:

absolute value16
char at 0 is w
cod value of no is 71
to appee WEB PROGRAMMING
power of the given number is 9

LAB CYCLE 2 QUESTION 2

AIM:JAVASCRIPT

Create a calendar using Javascript to geeting a year from the user

PROGRAM CODE:

calendarjs.html	
	`<html>`
	`<head>`
	`<script language="javascript">`
	`function day_title(day_name)`
	`{`
	`document.write("<td                align=center                width=35 bgcolor=lightblue><b>"+day_name+"</b></td>");`
	`}`
	`function fill_table(month,month_len)`
	`{`

```javascript
day=1;

document.write("<table border=1 cellspacing=3 cellpadding=3%>");

document.write("<td colspan=7 align=center bgcolor=red><b>"+month+" "+year+"</b><tr>");

day_title("Sun");

day_title("Mon");

day_title("Tue");

day_title("Wed");

day_title("Thu");

day_title("Fri");

day_title("Sat");

document.write("</tr><tr>");

for(var i=1; i<start_day;i++)

{

document.write("<td>");

}

for(var i=start_day; i<8;i++)

{

document.write("<td align=center bgcolor=silver>"+day+"</td>");

day++;

}

document.write("<tr>");

while(day<=month_len)

{

for(var i=1; i<=7 && day<=month_len;i++)
```

```
{
document.write("<td align=center bgcolor=silver>"+day+"</td>");
day++;
}
document.write("<tr>");
start_day=i;
}
document.write("</tr></table><br>");
}
year=prompt("enter 4 digit year ",2016);
today=new Date("January 1, "+year);
start_day=today.getDay()+1;
fill_table("January", 31);
if (year%4==0)
fill_table("February", 29);
else
fill_table("February", 28);
fill_table("March", 31);
fill_table("April", 30);
fill_table("May", 31);
fill_table("June", 30);
fill_table("July", 31);
fill_table("August", 31);
fill_table("September", 30);
```

	fill_table("October", 31);
	
	fill_table("November", 30);
	
	fill_table("December", 31);
	
	</script>
	
	</head>
	
	</html>

RESULT

LAB CYCLE 2 QUESTION 3

AIM:VALIDATION

Create a registration form and check the validation using java script

PROGRAM CODE:

validation.html	
| | ```html
<html>

<head>

<title>registration form</title>

</head>

<body>

<h1 style="text-align: center;">REGISTRATION FORM</h1>

<form name="RegForm" action="/submit.php"

onsubmit="return GEEKFORGEEKS()" method="post">

<p>Name: <input type="text"

size="65" name="Name" /></p>

<br />
``` |
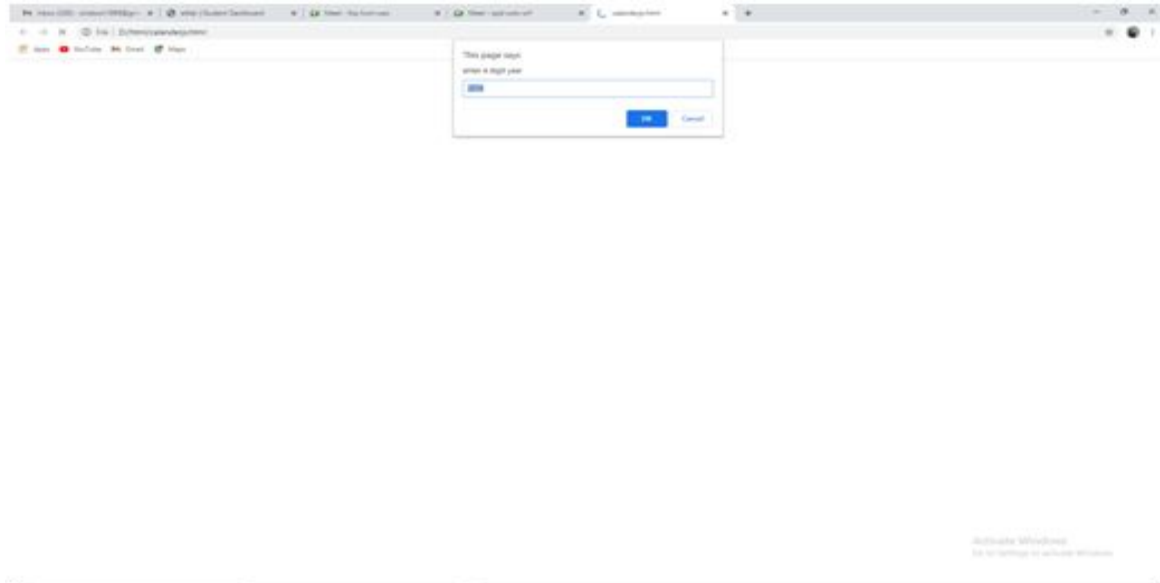
```
<p>Address: <input type="text"
size="65" name="Address" /></p>
<br />
<p>E-mail Address: <input type="text"
size="65" name="EMail" /></p>
<br />
<p>Password: <input type="text"
size="65" name="Password" /></p>
<br />
<p>Telephone: <input type="text"
size="65" name="Telephone" /></p>
<br />


<p>
SELECT YOUR COURSE
<select type="text" value="" name="Subject">
<option>BTECH</option>
<option>BBA</option>
<option>BCA</option>
<option>B.COM</option>
<option>MCA</option>
</select>
</p>
<br />
```

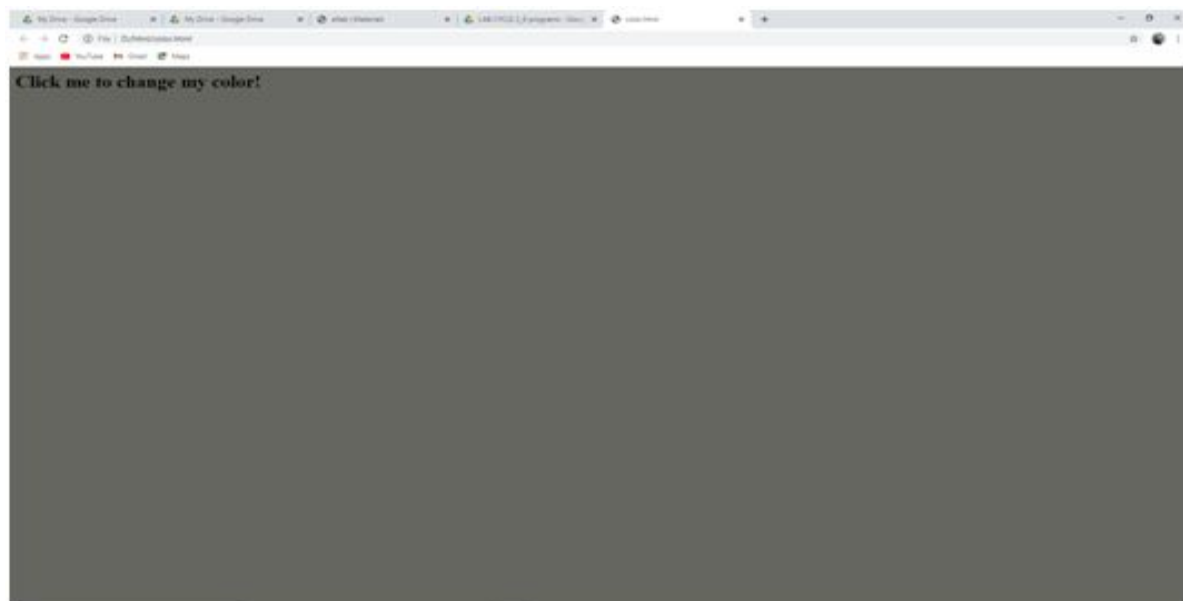|	
	<p>Comments: <textarea cols="55"
	name="Comment"> </textarea></p>
	<p>
	<input type="submit"
	value="send" name="Submit" />
	<input type="reset"
	value="Reset" name="Reset" />
	</p>
	</form>
	</body>
	</html

RESULTS:

LAB CYCLE 2 QUESTION 4
AIM:EVENT HANDLING

Evaluating JAVASCRIPT Event handling for every click of button to change the background color of a HTML page

PROGRAM CODE:

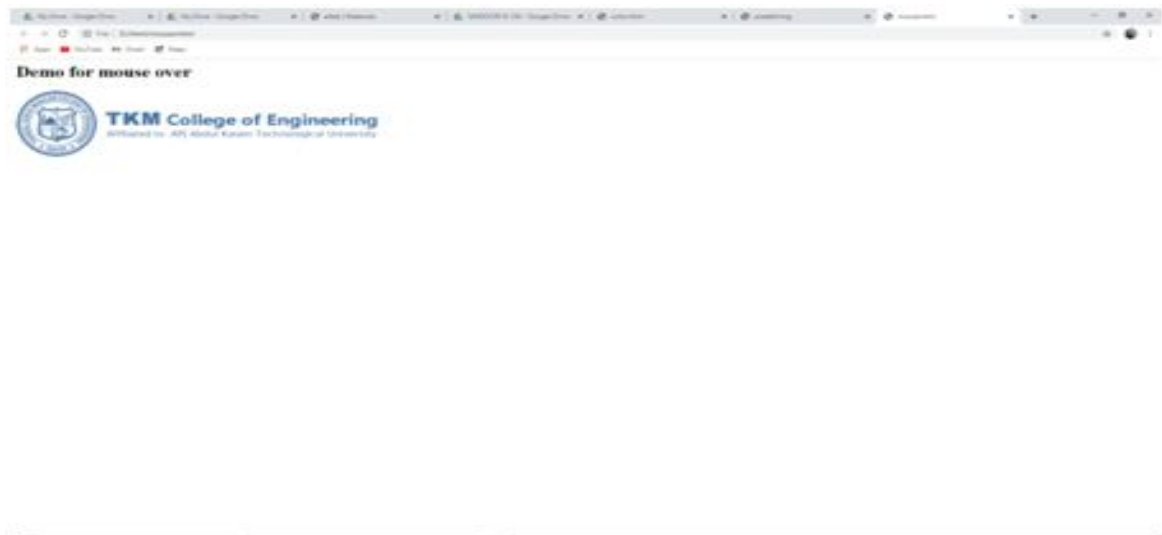| color.html	

	``html
	<html>
	<head>
	<script type="text/javascript">
	function get_random_color() {
	var color = '#';
	for (var i = 0; i < 6; i++)
	{
	color += Math.round(Math.random())*6;
	}
	document.body.style.background= color;
	}
	</script>
	</head>
	<body onclick="get_random_color()">
	 Click me to change my color!
	</body>
	</html>
	``

RESULT:

LAB CYCLE 2 QUESTION 5

AIM:MOUSE EVENT

Create a HTML page to display a new image and text when the mouse comes over the existing content in the page using javascript event handling.

PROGRAM CODE:

| mouse.html | ```html
<html>
<head>
<script language="javascript">
function preload()
{
topon=new Image(100,50);
topon.src="http://tkmce.ac.in/wp-content/themes/tkm/images/tkmce_log
o.png";
topoff=new Image(260,280);
topoff.src="http://tkmce.ac.in/wp-content/uploads/2014/09/founder.png";
}
function myMouseOn(n)
{
preload();
imageON=eval(n+"on.src");
document.images[n].src=imageON;
}
function myMouseOff(n)
{
imageOFF=eval(n+"off.src");
document.images[n].src=imageOFF;
}
</script>
</head>
<body >
<h1> Demo for mouse over</h1>
<a href="#" onMouseOut="myMouseOff('top')";
onMouseOver="myMouseOn('top')";>
<img src="Koala.jpg" alt="Show Next" name="top">
</a>
</body>
</html>
``` |
|---|---|

RESULTS:

Demo for mouse over

TKM College of Engineering
Affiliated to: APJ Abdul Kalam Technological University

Demo for mouse over

LAB CYCLE 2 QUESTION 6

AIM:ONLINE EXAM

Create a HTML page to show oline exam using javascript.

PROGRAM CODE:

reg.html	`<html>`
	`<head>`
	`<title>online exam</title>`
	`<script language="javascript">`

```
function exam(form)
{
var i=0;
if(form.one[2].checked)
i=i+1;
if(form.three[0].checked)
i=i+1;
if(form.four[0].checked)
i=i+1;
if(form.five[1].checked)
i=i+1;
window.alert("exam is finished.... Your score is : "+i);
}
</script>
</head>
<body bgcolor="cyan">
<form onsubmit="exam(this)">
<center><h1><blink>WELCOME TO
EXAM!</blink></h1></center>
<p>
<h1>1.which is platform indepentent language ?</h1>
<input type="radio" name="one" value="c++">
<label>C++</label>
<input type="radio" name="one" value="java">
<label>java</label>
<input type="radio" name="one" value="c">
<label>C</label>
<input type="radio" name="one" value="python">
<label>python</label>
</p>
<p>
<h1>2.which is class of all class in java ?</h1>
<input type="radio" name="three" value="object">
<label>object</label>
<input type="radio" name="three" value="math">
<label>math</label>
<input type="radio" name="three" value="system">
<label>system</label>
<input type="radio" name="three" value="graphics">
<label>graphics</label>
</p>
<p>
<h1>3.frame package is in which package ?</h1>
<input type="radio" name="four" value="awt">
<label>awt</label>
<input type="radio" name="four" value="applet">
```

```html
<label>applet</label>
<input type="radio" name="four" value="swings">
<label>swings</label>
<input type="radio" name="four" value="lang">
<label>lang</label>
</p>
<p>
<h1>4.java doesnt support ?</h1>
<input type="radio" name="five" value="inheritence">
<label>inheritance</label>
<input type="radio" name="five" value="multiple inheritance">
<label>multiple inheritance</label>
<input type="radio" name="five" value="polymorphism">
<label>polymorphism</label>
<input type="radio" name="five" value="encryption">
<label>encryption</label>
<p><center>
        <input type="submit" value="submit">
        <input type="reset" value="reset">
</center></p>
</form>
</body>
</html>
```

RESULTS:

1.which is platform indepentent language ?

○ C++ ● java ○ C ○ python

2.which is class of all class in java ?

● object ○ math ○ system ○ graphics

3.frame package is in which package ?

○ awt ○ applet ● swings ○ lang

4.java doesnt support ?

○ inheritance ● multiple inheritance ○ polymorphism ○ encryption

submit reset