

CSE3002-INTERNET AND WEB PROGRAMMING

NAME: YOGESWARI SAHU

REGISTRATION NUMBER: 18BCE0928

FACULTY: JAYAKUMAR K

SLOT: L13+L14

LAB ASSIGNMENT-5

QUESTION:

Design an e- newspaper using DOM with following feature:

- i. Add buttons to change the headlines, content and author with respect to the date.
- ii. Customize the advertisements page based on the requirement

PROCEDURE:

The tags and attributes used:

CODE :

`<html>-`

Root element of an HTML page(contains everything in the html)

`<head> -`

Tells information about the document and contains any links

`<title> -`

Gives the topic/name of the document(when we show it on browser the name of the tab is that name)

<style>-

Defines style information for a document

Properties:

margin properties are used to create space around elements, outside of any defined borders.

padding properties are used to generate space around an element's content, inside of any defined borders.

background-color property specifies the background color of an element.

display property specifies if/how an element is displayed.

font-family property should hold several font names as a "fallback" system. If the browser does not support the first font, it tries the next font, and so on.

font-style property is mostly used to specify italic text

font-size property sets the size of the text.

border properties allow you to specify the style, width, and color of an element's border.

border-width property specifies the width of the four borders.

border-color property is used to set the color of the four borders.

<h1>,<h2>,<h3>,<h4>,<h5>,<h6>-

The different sizes of headings we can use in which h1 is the largest and h6 is the smallest

<body>-

Contains the body, i.e. the content of the body

<meta>-

Lets your document be responsive

<div>-

Converts the document into sections to which we can give specific classes or ids

Attributes:

style- The style attribute is used to add styles to an element, such as color, font, size, and more.

class- used to specify a class for an HTML element.

id- used to specify a unique id for an HTML element.

<input>-

used the type of information used to receive from users

Attributes:

type- Specifies field input type, including text password, date, time,checkbox, etc.

maxlength - Maximum input element characters allowed

min- The minimum value of an input element

max- The maximum value of an input element

size- The input element width in characters

Required-used to ensure the input element is completed before submitting

the form

<textarea> -

this tag defines a multi-line text input control.

<button> -

this tag defines a clickable button. Inside a <button> element you can put text (and tags like <i>, ,
, , etc.). This is not possible with a button created with the <input> element

Event-

onclick-

The onclick attribute fires on a mouse click on the element.

DOM-

document.getElementById(id)- To Find an element by element id

document.getElementsByTagName(name)-To Find elements by tag name

document.getElementsByClassName(name)-To Find elements by class name

element.innerHTML = new html content- Used to Change the inner HTML of an element


```
width: 100%;
background-color: #4CAF50;
color: white;
padding: 14px 20px;
margin: 8px 0;
border: none;
border-radius: 4px;
cursor: pointer;
}
button:hover {
  background-color: #45a049;
}
#inp {
  border-radius: 5px;
  background-color: #f2f2f2;
  padding: 20px;
  margin: 10px 50px;
}
#out{
  font-size: 14px;
  line-height: 20px;
  width: 75%;
  display: inline-block;
  padding: 0 5% 0 5%;
  vertical-align: top;
  margin: 10px 50px;
  text-align: center;
  border: black;
  border-width: 3px;
}
#heading{
  font-weight: 400;
  font-style: italic;
  font-size: 36px;
  box-sizing: border-box;
  padding: 10px 0 10px 0;
}
#author{
  font-weight: 700;
  font-size: 20px;
  box-sizing: border-box;
  padding: 10px 0 10px 0;
}
#author:before{
  border-top: 1px solid #2f2f2f;
  content: '';
  width: 100px;
  height: 7px;
```

```
    display: block;
    margin: 0 auto;
}
#author:after{
    border-bottom: 1px solid #2f2f2f;
    content: '';
    width: 100px;
    height: 10px;
    display: block;
    margin: 0 auto;
}
.headart{
    text-align: center;
    position: relative;
}
.cd{
    text-transform: uppercase;
    border-bottom: 2px solid #2f2f2f;
    border-top: 2px solid #2f2f2f;
    padding: 12px 0 12px 0;
}
</style>
</html>
```

OUTPUT:

18BCE0928-Yogeswari Sahu

The Date will be placed here

The Heading will be placed here

The name of author will be placed here

The Huge content will be placed here

Heading
Author
Content
Update

18BCE0928-Yogeswari Sahu

Fri Aug 21 2020

"Does Government Have Plans To Tackle Unemployment": Congress

by Yogeswari Sahu

The Congress on Thursday demanded answers from the government on whether it has plans to tackle vital issues concerning the common man and raised concerns over decline in GDP growth and rise in unemployment. Party spokesperson Abhishek Singhvi said this government cannot be clueless about important issues affecting people and questioned why the prime minister did not talk about these issues in his speeches at the Red Fort or on television. "This government cannot be a "Ram bharse" government, because even Ram helps only those who help themselves." I want to ask our prime minister, who is such a great orator, on why he does not talk about employment and the issue of economic decline which is crucial," he said at a virtual press conference. Mr Singhvi took a swipe at the Madhya Pradesh government over its assertion that it will reserve government jobs for people of the state and accused it of indulging in "jumlebaazi" (sloganeering) as it has no jobs to offer. Claiming that as per government data, total job losses as of April was 1.77 crore and that figure is just under 2 crore (1.9 crore) in July, the Congress leader alleged that the figure has consistently been on a secular increase for the last six months and the government has not done anything.

"Does Government Have Plans To Tackle Unemployment": Congress
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18BCE0928

File | C:/Users/YOGESWARI/Downloads/IWP%20Lab/assignment5.html

by Yogeswari Sahu

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Update

LAB ASSIGNMENT-7

QUESTION:

7. Write a program to demonstrate the concept of JQuery.

i. Create three buttons with labels red, green, blue, when the mouse is moved over it, the background color has to be changed respectively.

ii. Create a HTML page holding a list of items and an [Extract Text] button. Implement the extractText function which will be called when the button's onClick event is fired.

iii. Create a HTML page that holds a list of towns, a search box and a [Search] button. Implement the search function to bold the items from the list which include the text from the search box.

iv. Disable/enable the form submit button. Disable the submit button until the visitor has clicked a check box.

v. Distinguish between left and right mouse click.

vi. Remove style added with .css() function.

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<body>-

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Converts the document into sections to which we can give specific classes or ids

Attributes:

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class- used to specify a class for an HTML element.

id- used to specify a unique id for an HTML element.

-

defines a list item.

-

used for specifying an unordered list, which groups a collection of items having no numerical order.

<button> -

this tag defines a clickable button. Inside a <button> element you can put text (and tags like <i>, ,
, , etc.). This is not possible with a button created with the <input> element

jQuery Event Methods-

\$(document).ready() -

The \$(document).ready() method allows us to execute a function when the document is fully loaded.

hover()-

The hover() method specifies two functions to run when the mouse pointer hovers over the selected elements.

This method triggers both the mouseenter and mouseleave events.

click()-

The `click()` method attaches an event handler function to an HTML element. The function is executed when the user clicks on the HTML element.

`mousedown()` -

The `mousedown()` method attaches an event handler function to an HTML element. The function is executed, when the left, middle or right mouse button is pressed down, while the mouse is over the HTML element

`prop()` -

The `prop()` method sets or returns properties and values of the selected elements. When this method is used to return the property value, it returns the value of the first matched element. When this method is used to set property values, it sets one or more property/value pairs for the set of matched elements.

`.css()`-

The `css()` method sets or returns one or more style properties for the selected elements.

`.each()`-

The `each()` method specifies a function to run for each matched element.

`attr()`-

The `attr()` method sets or returns attributes and values of the selected elements. When this method is used to return the attribute value, it returns the value of the FIRST matched element. When this method is used to set attribute values, it

sets one or more attribute/value pairs for the set of matched elements.

alert()-

The alert() method displays an alert box with a specified message and an OK button.

CODE :

```
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <title>18BCE0928- YOGESWARI SAHU</title>
  <script src="https://ajax.googleapis.com/ajax/libs/jquery/3.5.1/jquery.min.js"></script>
  <script type="text/javascript">
    $(document).ready(function(){

/////1st task
      $("#red").hover(function(){
        $("#fulldoc").css("background-color","red");
      },
      function(){
        $("#fulldoc").css("background-color","");
      });

      $("#green").hover(function(){
        $("#fulldoc").css("background-color","green");
      },
      function(){
        $("#fulldoc").css("background-color","");
      });

      $("#blue").hover(function(){
        $("#fulldoc").css("background-color","blue");
      },
      function(){
        $("#fulldoc").css("background-color","");
      });

/////2nd task
      $("#extract").on("click", function() {
```

```

    var items = $("ul.list li")
    console.log(items);
    $.each(items, function(){
        var it = $(this);
        var lb = it.find("p").text();
        $("#extracted").append("<p>"+lb+"</p>");
    });
});

```

/////3rd task

```

$("#search").on("click", function() {
    var value = $("#myInput").val().toLowerCase();
    var items = $("li")
    console.log(items)
    $.each(items, function(){
        var it = $(this);
        var lb = it.find("p").text().toLowerCase();
        if(value==lb)
            $(this).css({"font-weight":"Bold","font-size":"20px"})

    });
});

```

/////4th task

```

$('#submit').prop("disabled", true);
$('input:checkbox').click(function() {
    if ($(this).is(':checked')) {
        $('#submit').prop("disabled", false);
    } else {
        if ($('.checks').filter(':checked').length < 1){
            $('#submit').attr('disabled',true);}
        }
    });

```

/////5th task

```

$('#mouse').mousedown(function(event) {
    switch (event.which) {
        case 1:
            alert('Left Mouse button pressed. ');
            break;
        case 2:
            alert('Middle Mouse button pressed. ');
            break;
        case 3:
            alert('Right Mouse button pressed. ');
            break;
        default:

```

```

        alert('You have a strange Mouse!');
    }
});

/////6th task
$("#remcss").click(function(){
    $("#csshead").css({"background-color": "transparent" ,"font-
weight":"normal", "font-style":"normal"});
});
});
</script>
</head>
<body>
<div id="fulldoc">
    <h1>YOGESWARI SAHU 18BCE0928</h1>
    <button id="red">RED</button>
    <button id="green">GREEN</button>
    <button id="blue">BLUE</button>
    <div class="row">
        <div class="col">
            <ul class="list">
                <li><p>Cat</p></li>
                <li><p>Dog</p></li>
                <li><p>Rat</p></li>
                <li><p>Elephant</p></li>
            </ul>
            <button id="extract">EXTRACT</button>
        </div>
        <div class="col" id="extracted">
            <h4>The Extracted Li's are:</h4>
        </div>
    </div>
    <ul id="myList">
        <li><p>Hyderabad</p></li>
        <li><p>Delhi</p></li>
        <li><p>Bhubaneshwar</p></li>
        <li><p>Chennai</p></li>
        <li><p>Mumbai</p></li>
        <li><p>Guwahati</p></li>
        <li><p>Bangalore</p></li>
        <li><p>Kolkata</p></li>
        <li><p>Jaipur</p></li>
        <li><p>Ahmedabad</p></li>
        <li><p>Indore</p></li>
    </ul>

```



```

        <li><p>Patna</p></li>
    </ul>
    <input id="myInput" type="text" placeholder="Search.."><br><br>
    <button id="search">Search</button><br><br><br>
    <label>Check the checkbox for enabling the Submit button<input type="checkbox"
box" class="checks"><br></label>
    <button id="submit">Submit</button><br><br>
    <button id="mouse">Click to know if you did a right click or left click of
mouse</button><br><br>
    <h2 id="csshead">Hey, I'm YOGESWARI SAHU 18BCE0928</h2><br>
    <button id="remcss">REMOVE STYLING ON THE ABOVE STATEMENT</button>
</div>
<style>
.col {
    float: left;
    width: 25%;
}

.row:after {
    content: "";
    display: table;
    clear: both;
}

.red{
background-color: red;
}

.green{
background-color: green;
}

.blue{
background-color: blue;
}

#csshead{
    background-color: coral;
    font-weight: bold;
    font-family: 'Segoe UI', Tahoma, Geneva, Verdana, sans-serif;
    font-style: italic;
}
</style>
</body>
</html>

```

OUTPUT:

1st task:

REDGREENBLUE

- Cat
- Dog
- Rat
- Elephant

The Extracted LI's are:

Cat

Dog

Rat

Elephant

EXTRACT

- Hyderabad
- Delhi
- Bhubaneshwar
- Chennai
- Mumbai
- Guwahati
- Bangalore
- Kolkata
- Jaipur**
- Ahmedabad
- Indore
- Patna

REDGREENBLUE

- Cat
- Dog
- Rat
- Elephant

The Extracted LI's are:

Cat

Dog

Rat

Elephant

EXTRACT

- Hyderabad
- Delhi
- Bhubaneshwar
- Chennai
- Mumbai
- Guwahati
- Bangalore
- Kolkata
- Jaipur**
- Ahmedabad
- Indore
- Patna

REDGREENBLUE

- Cat
- Dog
- Rat
- Elephant

EXTRACT

- Hyderabad
- Delhi
- Bhubaneshwar
- Chennai
- Mumbai
- Guwahati
- Bangalore
- Kolkata
- Jaipur
- Ahmedabad
- Indore
- Patna

The Extracted Li's are:

Cat

Dog

Rat

Elephant

2nd task:

18BCE0928- YOGESWARI SAHU x +

File C:/Users/YOGESWARI/Downloads/IWP%20Lab/assignment7.html

☆

REDGREENBLUE

- Cat
- Dog
- Rat
- Elephant

EXTRACT

- Hyderabad
- Delhi
- Bhubaneshwar
- Chennai
- Mumbai
- Guwahati
- Bangalore
- Kolkata
- Jaipur
- Ahmedabad
- Indore
- Patna

The Extracted Li's are:

Cat

Dog

Rat

Elephant

3rd task:

- Hyderabad
- Delhi
- Bhubaneshwar
- Chennai
- Mumbai
- Guwahati
- Bangalore
- Kolkata
- **Jaipur**
- Ahmedabad
- Indore
- Patna

jaipur

Search

Check the checkbox for enabling the Submit button ☐

Submit

Click to know if you did a right click or left click of mouse

4th task:

- Bhubaneshwar
- Chennai
- Mumbai
- Guwahati
- Bangalore
- Kolkata
- **Jaipur**
- Ahmedabad
- Indore
- Patna

jaipur

Search

Check the checkbox for enabling the Submit button ☐

Submit

Click to know if you did a right click or left click of mouse

Hey, I'm YOGESWARI SAHU 18BCE0928

REMOVE STYLING ON THE ABOVE STATEMENT

- ~~Durgamchawla~~
- Chennai
- Mumbai
- Guwahati
- Bangalore
- Kolkata
- **Jaipur**
- Ahmedabad
- Indore
- Patna

jaipur

Search

Check the checkbox for enabling the Submit button ☒

Submit

Click to know if you did a right click or left click of mouse

Hey, I'm YOGESWARI SAHU 18BCE0928

REMOVE STYLING ON THE ABOVE STATEMENT

5th task:

- ~~Durgamchawla~~
- Chennai
- Mumbai
- Guwahati
- Bangalore
- Kolkata
- **Jaipur**
- Ahmedabad
- Indore
- Patna

jaipur

Search

Check the checkbox for enabling the Submit button ☒

Submit

Click to know if you did a right click or left click of mouse

Hey, I'm YOGESWARI SAHU 18BCE0928

REMOVE STYLING ON THE ABOVE STATEMENT

This page says
Left Mouse button pressed.

OK

6th task:

- ~~YOGESHWARI~~
- Chennai
- Mumbai
- Guwahati
- Bangalore
- Kolkata

• **Jaipur**

- Ahmedabad
- Indore
- Patna

jaipur

Search

Check the checkbox for enabling the Submit button ☒

Submit

Click to know if you did a right click or left click of mouse

Hey, I'm YOGESWARI SAHU 18BCE0928

REMOVE STYLING ON THE ABOVE STATEMENT

- ~~YOGESHWARI~~
- Chennai
- Mumbai
- Guwahati
- Bangalore
- Kolkata

• **Jaipur**

- Ahmedabad
- Indore
- Patna

jaipur

Search

Check the checkbox for enabling the Submit button ☒

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Hey, I'm YOGESWARI SAHU 18BCE0928

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