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Master of Computer Applications

LAB RECORD

Course Name: 20MCA133 WEB PROGRAMMING LAB

NAME.....

REG. NO..... SEMESTER.....

MONTH & YEAR.....

Lab Cycle 2

CO2: Learn and design client-side validation using scripting languages.

Program # 6

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

PROGRAM CODE:

strinh.html

```
<!DOCTYPE html>
<html lang="en">
<head>
  <style>
    h3,p{font-family:cursive ;}
  </style>
<meta charset="utf-8">
<title>String and Math functions</title>
</head>
<body>
  Enter the String:
  <input type="text" placeholder="" id="t1"><br><br>
  Enter the start and of the substring() :
  <input type="text" placeholder=""
id="t2">&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;<br><br>
  Enter the end of substring() :<input type="text" placeholder="" id="t3"><br><br>
  Enter the start of substr() :
  <input type="text" placeholder=""
id="t4">&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;<br><br>
  Enter the length of substr() :<input type="text" placeholder="" id="t5"><br><br>
  Enter the end of slice :
  <input type="text" placeholder="" id="t6"><br><br>
  Enter the string to be replaced:
  <input type="text" placeholder=""
id="t7">&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;<br><br>
  Enter the string to replace: <input type="text" placeholder="" id="t8"><br><br>
  Enter the string to be join:
  <input type="text" placeholder="" id="t9"><br><br>
  <button type="button" onclick="string();">Submit</button>

  <h1 align="center" id="h12"></h1>
  <h2 id="str1"></h2><br>
  <h3 style="color:darkblue;" id="d1"><b></b></h3>
```

```

<p id="demo1"></p>
<h3 style="color:darkblue;" id="d2" ><b></b></h3>
<p id="demo2"></p>
<h3 style="color:darkblue;" id="d3"><b></b></h3>
<p id="demo3"></p>
<h3 style="color:darkblue;" id="d4"><b></b></h3>
<p id="demo4"></p>
<h3 style="color:darkblue;" id="d5"><b></b></h3>
<p id="demo5"></p>
<h3 style="color:darkblue;" id="d6"><b></b></h3>
<p id="demo6"></p>
<h3 style="color:darkblue;" id="d7"><b></b></h3>
<p id="demo7"></p>
<h3 style="color:darkblue;" id="d8"><b></b></h3>
<p id="demo8"></p>

```

```

<script>

```

```

function string(){
    var text1 = document.getElementById("t1").value;
    var n1 = document.getElementById("t2").value;
    var n2 = document.getElementById("t3").value;
    var n3 = document.getElementById("t4").value;
    var n4 = document.getElementById("t5").value;
    var n5 = document.getElementById("t6").value;
    var text2 = document.getElementById("t7").value;
    var text3 = document.getElementById("t8").value;
    var text4 = document.getElementById("t9").value;
    document.getElementById("h12").innerHTML = "String Functions";
    document.getElementById("str1").innerHTML = text1;
    document.getElementById("d1").innerHTML = "substring("+n1+", "+n2+")";
    document.getElementById("demo1").innerHTML = text1.substring(n1,n2)
    document.getElementById("d2").innerHTML = "substr("+n3+", "+n4+")";
    document.getElementById("demo2").innerHTML = text1.substr(n3,n4);
    document.getElementById("d3").innerHTML = "slice("+n5+")";
    document.getElementById("demo3").innerHTML = text1.slice(n5);
    document.getElementById("d4").innerHTML =
"replace("+text2+", "+text3+")";
    document.getElementById("demo4").innerHTML = text1.replace(text2,text3);
    document.getElementById("d5").innerHTML = "concat()";
    document.getElementById("demo5").innerHTML = text1.concat(" ",text4);
    document.getElementById("d6").innerHTML = "length of (" +text1 +)";
    document.getElementById("demo6").innerHTML = text1.length;
    document.getElementById("d7").innerHTML = "converting to uppercase";
    document.getElementById("demo7").innerHTML = text1.toUpperCase();
    document.getElementById("d8").innerHTML = "converting to lowercase";
    document.getElementById("demo8").innerHTML = text1.toLowerCase();
}
</script>

```

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

math.html

```
<!DOCTYPE html>
<html lang="en">
<head>
  <style>
    h3,p{ font-family:monospace ;}
  </style>
<meta charset="utf-8">
<title>String and Math functions</title>
</head>
<body>
  Enter a Number:
  <input type="number" placeholder="" id="t1"><br><br>
  Enter which power to be calculated:
  <input type="number" placeholder=""
id="t2">&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;<br><br>
  Enter two value : <input type="number" placeholder="" id="t3">
  <input type="number" placeholder=""
id="t4">&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;<br><br>

  <button type="button" onclick="string();">Submit</button>

  <h1 align="center" id="h12"></h1>
  <h2 id="str1"></h2><br>
  <h3 style="color:blue;" id="d1"><b></b></h3>
  <p id="demo1"></p>
  <h3 style="color:blue" id="d2" ><b></b></h3>
  <p id="demo2"></p>
  <h3 style="color:blue" id="d3"><b></b></h3>
  <p id="demo3"></p>
  <h3 style="color:blue" id="d4"><b></b></h3>
  <p id="demo4"></p>
  <h3 style="color:blue" id="d5"><b></b></h3>
  <p id="demo5"></p>
  <h3 style="color:blue" id="d6"><b></b></h3>
  <p id="demo6"></p>
  <h3 style="color:blue" id="d7"><b></b></h3>
  <p id="demo7"></p>
  <h3 style="color:blue" id="d8"><b></b></h3>
  <p id="demo8"></p>
  <h3 style="color:blue" id="d9"><b></b></h3>
  <p id="demo9"></p>
  <h3 style="color:blue" id="d10"><b></b></h3>
  <p id="demo10"></p>
  <h3 style="color:blue" id="d11"><b></b></h3>
```

```

<p id="demo11"></p>
<h3 style="color:blue" id="d12"><b></b></h3>
<p id="demo12"></p>
<h3 style="color:blue" id="d13"><b></b></h3>
<p id="demo13"></p>

<script>

function string(){
    var num_value= document.getElementById("t1").value;
    var startvalue=document.getElementById("t3").value;
    var endvalue=document.getElementById("t4").value;
    var powervalue=document.getElementById("t2").value;

    document.getElementById("h12").innerHTML = "Math Functions";
    // document.getElementById("str1").innerHTML = num_value;
    document.getElementById("d1").innerHTML = "round("+num_value+")";
    document.getElementById("demo1").innerHTML = Math.round(num_value);
    document.getElementById("d2").innerHTML = "ceil("+num_value+")";
    document.getElementById("demo2").innerHTML = Math.ceil(num_value);
    document.getElementById("d3").innerHTML = "floor("+num_value+")";
    document.getElementById("demo3").innerHTML = Math.floor(num_value);
    document.getElementById("d4").innerHTML = "trunc("+num_value+")";
    document.getElementById("demo4").innerHTML = Math.trunc(num_value);
    document.getElementById("d5").innerHTML = "sign("+num_value+")";
    document.getElementById("demo5").innerHTML = Math.sign(num_value);
    document.getElementById("d6").innerHTML = "power
("+num_value+", "+powervalue+")";
    document.getElementById("demo6").innerHTML =
Math.pow(num_value, powervalue);
    document.getElementById("d7").innerHTML = "square
root("+num_value+")";
    document.getElementById("demo7").innerHTML = Math.sqrt(num_value);
    document.getElementById("d8").innerHTML = "absolute
value("+num_value+")";
    document.getElementById("demo8").innerHTML = Math.abs(num_value);
    document.getElementById("d9").innerHTML = "minimum value
("+num_value+", "+startvalue+", "+endvalue+", "+powervalue+")";
    document.getElementById("demo9").innerHTML =
Math.min(num_value, startvalue, endvalue, powervalue);
    document.getElementById("d10").innerHTML = "maximum value
("+num_value+", "+startvalue+", "+endvalue+", "+powervalue+")";
    document.getElementById("demo10").innerHTML =
Math.max(num_value, startvalue, endvalue, powervalue);
    document.getElementById("d11").innerHTML = "random value()";
    document.getElementById("demo11").innerHTML =
Math.random(num_value);
    document.getElementById("d12").innerHTML = "Log
value("+num_value+")";

```

```

        document.getElementById("demo12").innerHTML = Math.log(num_value);
        document.getElementById("d13").innerHTML = "Log10
value("+num_value+")";
        document.getElementById("demo13").innerHTML =
Math.log10(num_value);
    }
</script>

</body>
</html>

```

stngmth.html

```

<html>
<head><title>frame</title></head>
<frameset>
    <frameset cols="50%,50%">
        <frame src="string.html"></frame>
        <frame src="maths.html"></frame>
    </frameset>
</frameset>
</html>

```

OUTPUT:Enter the String: Enter the start and of the substring() : Enter the end of substring() : Enter the start of substr() : Enter the length of substr() : Enter the start of slice : Enter the string to be replaced: Enter the string to replace: Enter the string to be join:

String Functions

substring(0,3)

Web

substr(4,14)

Programming

slice(2)

b Programming

replace(web,Java)

Web Programming

concat()

Web Programming Lab

length of (Web Programming)

15

converting to uppercase

WEB PROGRAMMING

converting to lowercase

web programming

Enter a Number:

Enter which power to be calculated:

Enter two value :

Math Functions

`round(2.5)`

3

`ceil(2.5)`

3

`floor(2.5)`

2

`trunc(2.5)`

2

`sign(2.5)`

1

`power (2.5,2)`

6.25

`square root(2.5)`

1.5811388300841898

`absolute value(2.5)`

2.5

`minimum value (2.5,5,7,2)`

2

`maximum value (2.5,5,7,2)`

7

`random value()`

0.583171861058164

`Log value(2.5)`

0.9162907318741551

`Log10 value(2.5)`

0.3979400086720376

Program # 7

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

PROGRAM CODE:

```
<!DOCTYPE HTML>
<html>

<head>
<title>calender</title>

<style>
  table {
    border-collapse: collapse;
  }

  td,
  th {
    border: 5px solid black;
    padding: 8px;
    text-align: center;
  }

  th {
    font-weight: bold;
    background-color: #E6E6E6;
    font-size: 40px;
  }
  td{
    font-size: 50px;
  }
</style>
</head>

<body>
<b>Enter the year:&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;<b>
  <input type="text" placeholder="yyyy" id="t1"><br><br>
  <b>Enter the month:<b>
  <input type="text" placeholder="mm" id="t2"><br><br>
  <button type="button" onclick="call()">Generate</button>
<center><h2 style="color:black;" id="h1"></h2></center>
<br>
<br>
<div id="demo"></div>
```

```

<script>
    function createCalendar(elem, year, month) {

document.getElementById("h1").innerHTML="CALENDER("+month+", "+year+")";
        let mon = month - 1;
        let d = new Date(year, mon);
        let table = '<center><table><tr><th style="color:red;">MON</th><th
style="color:red;">TUE</th><th style="color:red;">WED</th><th
style="color:red;">THU</th><th style="color:red;">FRI</th><th
style="color:red;">SAT</th><th style="color:red;">SUN</th></tr><tr>';
        for (let i = 0; i < getDay(d); i++) {
            table += '<td></td>';
        }

        // <td> with actual dates
        while (d.getMonth() == mon) {
            if (getDay(d) % 7 != 6)
                table += '<td>' + d.getDate() + '</td>';
            else
                table += '<td style="color:red;">' + 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></center>';

        elem.innerHTML = table;
    }

function getDay(date) { // get day number from 0 (monday) to 6 (sunday)
    let day = date.getDay();
    if (day == 0) day = 7; // make Sunday (0) the last day
    return day - 1;
}

    function call(){
        var year = document.getElementById("t1").value;
        var month = document.getElementById("t2").value;
        createCalendar(demo,year,month);
    }
</script>

```

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

OUTPUT:Enter the year: Enter the month:

September 2002

MON	TUE	WED	THU	FRI	SAT	SUN
						1
2	3	4	5	6	7	8
9	10	11	12	13	14	15
16	17	18	19	20	21	22
23	24	25	26	27	28	29
30						

Program # 8

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

PROGRAM CODE:

Valid.html

```
<html>
<head>
<title>Validation</title>
<link rel="stylesheet" type="text/css" href="valid.css">
<style>
.div1{
    height: 700px;
    width: 500px;
    border: 5px solid #00008B;
    border-radius: 20px;
}
</style>
</head>
<body>
<center>
<h1 style="color: #3f33ff;">Sign Up Form</h1>
<br>
<br>
<br>
<div class="div1">
<form >
<center>
```

```

<label>Username:</label>

        <input type="text" name="User" id="Username"
class="form-control" autocomplete="off" required><span id="Usernameid"></span>

        <p id="demo1" style="color:red;"></p>

<label>Password:</label>

        <input type="text" name="User" id="password"
class="form-control" autocomplete="off" required><span id="passwords"></span>

        <p id="demo2" style="color:red;"></p>

<label>Confirm Password:</label>

        <input type="text" name="User" id="passwordconfrm"
class="form-control" autocomplete="off" required><span
id="confrmpassword"></span>

        <p id="demo3" style="color:red;"></p>

<label>Mobile Number:</label>

        <input type="text" name="User" id="numbermobile"
class="form-control" autocomplete="off" required><span
id="mobilenumber"></span>

        <p id="demo4" style="color:red;"></p>

<label>Email:</label>

        <input type="text" name="User" id="emailid"
class="form-control" autocomplete="off" required><span id="emailids"></span>

        <p id="demo5" style="color:red;"></p><br>

<button onclick="return validation()">Sign Up</button>

</form>

</center>

</div>

<script type="text/javascript">

        function validation()

        {

                var user= document.getElementById('Username').value;

                var password = document.getElementById('password').value;

                var confrmpassword=
document.getElementById('passwordconfrm').value;

```

```

var mobileno= document.getElementById('numbermobile').value;
var email= document.getElementById('emailid').value;
if ((user.length<3)||(user.length>20)) {
    document.getElementById('demo1').innerHTML=" **
please fill the username between 3 and 20";
    return false;
}
if (!isNaN(user)) {
    document.getElementById('demo1').innerHTML=" **
please enter character";
    return false;
}
if ((password.length<5)||(password.length>20)) {
    document.getElementById('demo2').innerHTML=" **
please fill the password between 3 and 20";
    return false;
}
if (password!=confrmpassword) {
    document.getElementById('demo3').innerHTML=" **
passwords are not matching";
    return false;
}

if (mobileno.length!=10) {
    document.getElementById('demo4').innerHTML=" **
should be 10 digits";
    return false;
}
if (isNaN(mobileno.length)) {
    document.getElementById('demo4').innerHTML=" **
should contains only digits";
    return false;
}

```

```

    }

    if (email.indexOf('@')<=0) {

        document.getElementById('demo5').innerHTML=" **
please fill the email id proper format @ ";

        return false;

    }

    if ((email.charAt(email.length-
4)!='.')&&(email.charAt(email.length-3)!='.')) {

        document.getElementById('demo5').innerHTML=" **
please fill the email id in proper format";

        return false;

    }

}

</script>
</body>
</html>

```

valid.css

```

*{

    box-sizing: border-box;

    font-family: cursive;

}

header{

    text-align: center;

    background: #000;

    color: #fff;

    padding: 10px 0;

}

.container{

    max-width: 700px;

    margin: auto;

```

```
        padding: 20px;
    }
    section {
        border: 2px solid #5624d0;
        border-radius: 7px;
        padding: 10px;
        margin: 10 px 0;
    }
    label{
        display: block;
        padding: 7px;
        border-radius: 7px;
        cursor: pointer;
        border: 1px dashed #ccc;
        margin-bottom: 3px;

    }
    label:hover{
        background: #1E90FF;
    }
    button{
        width: 80px;
        display: block;
        margin: auto;
        padding: 10px;
        background-color:#3f33ff ;
        border: none;
        cursor: pointer;
        border-radius: 20px;
    }
```



```
button:hover{
    background: #000;
    color: #fff;
}
h2{
    text-align: center;
}
#result{
    font-size: 30px;
    color: darkred;
}
input[type=text] {
    border: none;
    border-bottom: 2px solid blue;
}
p{
    display: block;
    text-align: center;
}
```

OUTPUT:

Sign Up Form

Username:

1234

** please enter character

Password:

3

Confirm Password:

2

Mobile Number:

7

Email:

Sign Up

Sign Up Form

Username:

Anu

Password:

12345

Confirm Password:

6789

** passwords are not matching

Mobile Number:

Email:

Sign Up

Sign Up Form

Username:	
<u>Anu</u>	
Password:	
<u>12345</u>	
Confirm Password:	
<u>12345</u>	
Mobile Number:	
<u>1234567898</u>	
Email:	
<u>n.com</u>	
** please fill the email id proper format @	
<input type="button" value="Sign Up"/>	

Program # 9

Create a program using the JavaScript Event Listener to add multiple events on the same button

PROGRAM CODE:

```
<html>
<head>
<style>
    h2{ font-family:cursive ;}
</style>
</head>
<body>
    <h2 style="background-
color:yellow;"></li><center>EventListener()</center></li></h2><br>
<p><i><b>Multiple Events<b></i></p><hr>
<button id="btn">Click Me</button>
<p id="demo"></p>
<script>
var x = document.getElementById("btn");
x.addEventListener("mouseover", mouseOverFunction);
x.addEventListener("click", mouseClickFunction);
x.addEventListener("mouseout", mouseOutFunction);
function mouseOverFunction() {
document.getElementById("demo").innerHTML += "Moused over!<br>";
}
function mouseClickFunction() {
document.getElementById("demo").innerHTML += "Clicked!<br>";
}
function mouseOutFunction() {
```

```
document.getElementById("demo").innerHTML += "Moused out!<br>";  
}  
</script>  
</body>  
</html>
```

OUTPUT:

EventListener()

Multiple Events

Click Me

Moused over!
Clicked!
Moused out!

Program # 10

Develop a JavaScript Event Handling mechanism to change the background colour of a HTML page.

PROGRAM CODE:

```
<!DOCTYPE html>

<html>

<head>

<title>Change Background Colour on Mouse Click</title>

<style>

body { font-family: sans-serif; }

#container { width: 600px;

height: 400px;

margin: 50px auto;

padding: 20px;

text-align: center;

border: 1px solid #ccc;}

</style>

</head>

<body>

<div id="container">

<h1> Changing Background Color</h1>

<p>Click here to change the colour!!!</p> </div>

<script>

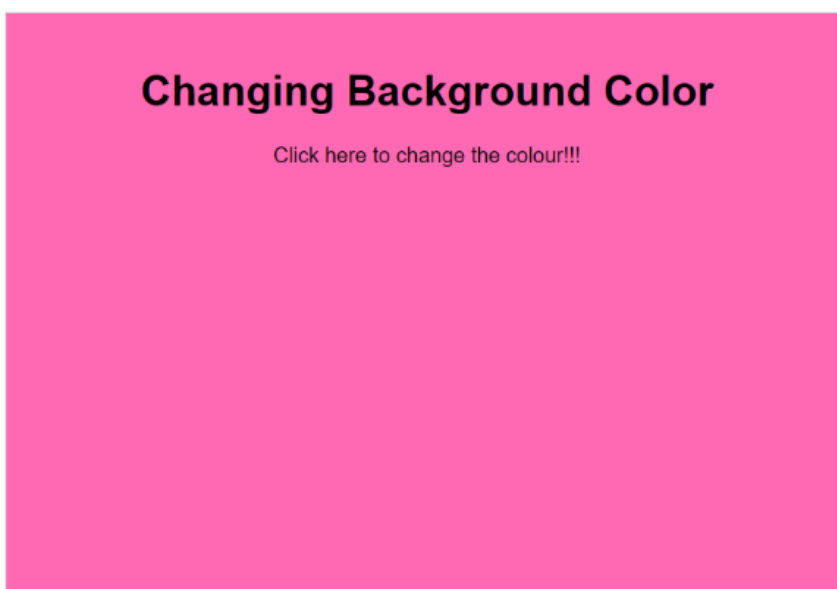
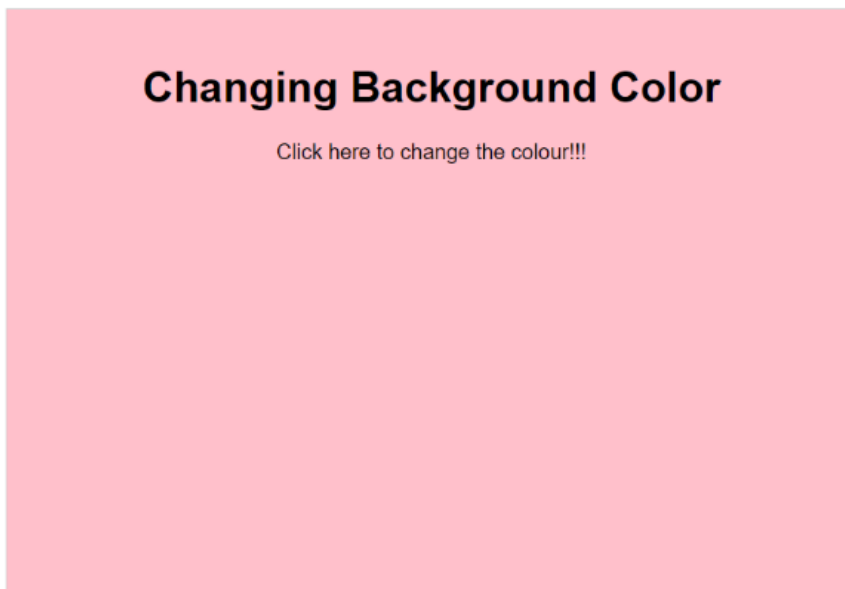
const container = document.getElementById('container');

container.addEventListener('click', () => {

    const colors = ['#FFC0CB', '#FF69B4', '#FF1493', '#DB7093', '#C71585', '#800080'];
```

```
const randomColor = colors[Math.floor(Math.random() * colors.length)];  
container.style.backgroundColor = randomColor; });  
</script>  
</body>  
</html>
```

OUTPUT:



Program # 11

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 mechanism.

PROGRAM CODE:

```
<html>
<head>
<meta charset="UTF-8">
<title>Image and Text Hover</title>
<style>
#image-container {
position: relative;
width: 600px;
height: 500px;
background-color: #ccc;
text-align: center;
}
#image-container img {
width: 100%;
height: auto; }
#hidden-content {
position: absolute;
top: 0;
left: 0;
width: 100%;
height: 100%;
background-color: rgba(0, 0, 0, 0.5);
color: white;
text-align: center;
display: none; }
</style>
</head>
<body>
<center>
    <h2>Image changing</h2>
    <div id="image-container">
    
    <p id="image-text">life!!</p>
    <div id="hidden-content">
    
    </div>
    </div>
```

```
</center>
<script>
const imageContainer = document.getElementById('image-container');
const hiddenContent = document.getElementById('hidden-content');
const imageText = document.getElementById('image-text');
imageContainer.addEventListener('mouseover', () => {
  hiddenContent.style.display = 'block';
  imageText.textContent = 'Travel Around The World'; });
imageContainer.addEventListener('mouseout', () => {
  hiddenContent.style.display = 'none';
  imageText.textContent = 'Explore...!!'; });
</script>
</body>
</html>
```

OUTPUT:

Image changing



Image changing



Program # 12

Design and develop a complete Online exam using Html, CSS and JavaScript.

PROGRAM CODE:

Quiz.html

```
<!DOCTYPE html>
<html>
<head>
    <meta charset="utf-8">
    <meta name="viewport" content="width=device-width, initial-scale=1">
    <title>ONLINE EXAMS</title>
    <link rel="stylesheet" type="text/css" href="quiz.css">
</head>
<body>
<header>
    <h1>QUIZ</h1>

</header>
<br>
<label for="email">Email</label>

    <input type="text" id="email" name="email" required /><br>
    <input type="checkbox" id="response" name="response" value="response" required
/>
Record Response<br>
<div class="container">
<section id="p0">
<h3>1. Today is Thursday.After 132 days,it will be</h3>
<label>
    <input type="radio" name="p0" value="1" >Monday
</label><br>
<label>
    <input type="radio" name="p0" value="2" >Sunnday
</label><br>
<label id="1">
    <input type="radio" name="p0" value="3" id="crt3">Wednesday
</label><br>
<label>
    <input type="radio" name="p0" value="4" >Thursday
</label>
```

```

</section>
<section id="p1">
<h3>2. Find the H.C.F,if the numbers are in the ratio of 4:5:6 and their L.C.M is
2400</h3>
<label>
    <input type="radio" name="p1" value="1" >35
</label><br>
<label id="2">
    <input type="radio" name="p1" value="2" id="crt2" >20
</label><br>
<label>
    <input type="radio" name="p1" value="3" >40
</label><br>
<label>
    <input type="radio" name="p1" value="4" >67
</label>
</section>
<section id="p2">
<h3>3. Sum of present ages of A,B and C is 92 years. if 4 years ago, the ratio of their
ages were 1:2:3 respectively,find A's present age </h3>
<label id="3">
    <input type="radio" name="p2" value="1" id="crt1">17.3 year
</label><br>
<label>
    <input type="radio" name="p2" value="2" >18.5 years
</label><br>
<label>
    <input type="radio" name="p2" value="3" >14.8 years
</label><br>
<label>
    <input type="radio" name="p2" value="4" >20.3 years
</label>
</section>
<section id="p3">
<h3>4. A guy bought 10 pencils for Rs.50 and sold them for Rs.60 .What is his gain in
terms of percentage?</h3>
<label>
    <input type="radio" name="p3" value="1" >10%
</label><br>
<label>
    <input type="radio" name="p3" value="2" >5%
</label><br>
<label>
    <input type="radio" name="p3" value="3" >12%
</label><br>
<label id="4">

```

```

        <input type="radio" name="p3" value="4" id="crt4">20%
    </label>
</section>
<section id="p4">
<h3>5. What is the unit digit in 2^30?</h3>
<label>
    <input type="radio" name="p4" value="1" >3
</label><br>
<label>
    <input type="radio" name="p4" value="2" >1
</label><br>
<label id="5">
    <input type="radio" name="p4" value="3" id="crct3">4
</label><br>
<label>
    <input type="radio" name="p4" value="4" >2
</label>
</section>
<button name="button" value="btn" onclick="result()">Submit</button><br><br>
<center><h3 style="color:blue; " id="d1" ><b></b></h3></center>
    <p id="demo1" style="background-color: #cec0fc;"></p>
<script type="text/javascript">
    function result()
    {
        var score=0;
        if(document.getElementById('crt3').checked)
        {
            score++;
        }
        if(document.getElementById('crt2').checked)
        {
            score++;
        }
        if(document.getElementById('crt1').checked)
        {
            score++;
        }
        if(document.getElementById('crt4').checked)
        {
            score++;
        }
        if(document.getElementById('crct3').checked)
        {
            score++;
        }
        document.getElementById('1').style.backgroundColor="lime";
    }

```

```

        document.getElementById('2').style.backgroundColor="lime";
        document.getElementById('3').style.backgroundColor="lime";
        document.getElementById('4').style.backgroundColor="lime";
        document.getElementById('5').style.backgroundColor="lime";
        document.getElementById("d1").innerHTML = "SCORE";
        document.getElementById("demo1").innerHTML = "Your score is:
"+score+"/5";
    }
</script>
</div>
</body>
</html>

```

quiz.css

```

*{
    box-sizing: border-box;
    font-family: cursive;
}
header{
    text-align: center;
    background: #000;
    color: #fff;
    padding: 10px 0;
}
.container{
    max-width: 700px;
    margin: auto;
    padding: 20px;
}
section {
    border: 2px solid #5624d0;
    border-radius: 7px;
    padding: 10px;
    margin: 10 px 0;
}
label{
    display: block;
    padding: 7px;
    border-radius: 7px;
    cursor: pointer;
    border: 1px dashed #ccc;
    margin-bottom: 3px;
}
label:hover{
    background: #cec0fc;
}

```

```
}
button{
    width: 80px;
    display: block;
    margin: auto;
    padding: 10px;
    background-color:#cec0fc ;
    border: none;
    cursor: pointer;
    border-radius: 20px;
}
button:hover{
    background: #000;
    color: #fff;
}
h2{
    text-align: center;
}
#result{
    font-size: 30px;
    color: darkred;
}
input[type=text] {
    border: none;
    border-bottom: 2px solid blue;
}
p{
    display: block;
    text-align: center;
}
}
```


OUTPUT:

QUIZ

Email

aryan@gmail.com

☒ Record Response

1. Today is Thursday. After 132 days, it will be

☐ Monday

☐ Sunday

☒ Wednesday

☐ Thursday

2. Find the H.C.F, if the numbers are in the ratio of 4:5:6 and their L.C.M is 2400

☐ 35

☒ 20

☐ 40

☐ 67

3. Sum of present ages of A, B and C is 92 years. if 4 years ago, the ratio of their ages were 1:2:3 respectively, find A's present age

☒ 17.3 year

☐ 18.5 years

☐ 14.8 years

☐ 20.3 years

4. A guy bought 10 pencils for Rs.50 and sold them for Rs.60 .What is his gain in terms of percentage?

☐ 10%

☐ 5%

☐ 12%

☒ 20%

5. What is the unit digit in 2^{30} ?

☐ 3

☒ 1

☐ 4

☐ 2

Submit

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aryan@gmail.com

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☐ 5%

☐ 12%

☒ 20%

5. What is the unit digit in 2^{30} ?

☐ 3

☒ 1

☐ 4

☐ 2

Submit

SCORE

Your score is: 4/5