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Create a web page of my profile on HTML

```
<!DOCTYPE html>
<head>
<title> Personal Website </title>
</head>
<body>
<body style = "background-color: powderblue;">
<h1 style = "color: black; text-align: center;">
HARSH GUPTA </h1>
<img src = "harsh.jpg" alt = "xyz" width = "104"
height = "145" img-align = "middle">
<h3 style = "text-align: center;"> ABOUT ME </h3>
<p style = "text-align: center;"> Hi, I am Harsh Gupta.
I am a designer who codes </p>
<ul> style = "text-align: center;">
<li> good communication skills </li>
<li> easy negotiate with other people </li>
<li> confident, hardworking </li>
<li> have high level of persuasiveness </li>
</ul>
<h3> My Contact details </h3>
<button><a href = "abc.com"> facebook </a> </button>
<br> <button> LIKE </button>
<br> <button> UNLIKE </button>
</body>
</html>
```

Teacher's Signature:.....

Bharat

Demonstrate use of a hyperlink & button in web page design on my profile web page.

```
<!DOCTYPE html>
<head>
<title> personal website </title>
</head>
<body>
<h3 style = "text-align: center;"> My Contact details
</h3>
<button><a href = "xyz.com"> ABOUT ME </a></button>
<button><a href = "abc.com"> Professional details </a></button>
<button><a href = "Pqr.com"> Instagram </a></button>
<button><a href = "zab.com"> & like </a></button>
</body>
</html>
```

Teacher's Signature:.....

Do the color experiments using different color coding in your website.

```
<!DOCTYPE html>
<head>
<title> Colors experiment </title>
</head>
<body style = "background-color: powderblue;">
<h1 style = "color: blue; text-align: center;">
    WELCOME TO MY WORLD </h1>
<h3 style = "color: red; text-align: center;> SKILLS </h3>
<ul>
    <li> style = "background-color: rgb(255, 99, 71);">
        ABC </li>
    <li> style = "background-color: rgba(255, 99, 71, 0.5);">
        DEF </li>
    <li> style = "background-color: hsl(0, 100%, 50%);">
        GHI </li>
</ul>
</body>
</html>
```

Teacher's Signature:.....

Dipendra

To create a HTML registration form and to validate the form using js code.

```
<html><head><script>
```

```
function validate()
{
```

```
var name = document.myform.value;
```

```
if (name == "")
```

```
{
```

```
    alert("Please enter your name");
```

```
}
```

```
else
```

```
{
```

```
var letters = /^[A-Za-z]+$/;
```

```
if (letters. test(name))
```

```
else
```

```
{
```

```
    alert(" Please enter your valid name ");
```

```
}
```

```
}
```

```
var email = document.myform.myemail.value;
```

```
var letters = /^[ \w+([-]\? \w+)*@ \w+([-]\? \w+)*
```

```
(\.\w{2,3})+\$/;
```

```
if (email == "")
```

```
{
```

```
    alert(" Please enter your email ");
```

```
}
```

Teacher's Signature:.....

```
else
{
    if (elLetters.test(email))
        else
    {
        alert("Please enter your valid
              email");
    }
}

var mobile = document.myform.mymobile.value;
if (mobile == " ")
{
    alert("Please enter the mobile");
}
else
{
    if (isNaN(mobile))
    {
        alert("Mobile number not valid");
    }
    else
    {
        var number = /^[0-9]+$/;
        if (number.test(mobile))
        {
            alert("Your data is accepted");
            return true;
        }
    }
}
```

Teacher's Signature:.....

```
else
{
    alert("Please input number characters
          only");
    return False;
}
}

</script>
</head>
<body>
<center>
<h1> Registration form </h1>
<h3> Sign Up </h3>
<form name = "my form" onsubmit = "return validate()"
      method = "post">
    Name: <input type = "text" name = "myname" /><br>
    Email: <input type = "text" name = "myemail" /><br>
    Mobile: <input type = "text" name = "mymobile" /><br>
    <input type = "submit" value = "submit" />
</form> </center>
</body>
</html>
```

Teacher's Signature:.....

Output:

Name:

Email:

Mobile:

Rajput

To create an HTML page to explain the use of various predefined functions is a string in js.

```
<!DOCTYPE html>
<body>
<h2> Javascript String Methods </h2>
<p id = "demo"></p>
<p id = "demo1"></p>
<p id = "demo2"></p>
<p id = "demo3"></p>
<p id = "demo4"></p>
<p id = "demo5"></p>
<p id = "demo6"></p>
<p id = "demo7"></p>
<p id = "demo8"></p>
<p id = "demo9"></p>
<p id = "demo10"></p>
```

```
<script>
var str = "Please locate where 'locate' occurs!";
var pos = str.indexOf("locate");
document.getElementById("demo").innerHTML = pos;
var
var pos = str.lastIndexOf("locate");
document.getElementById("demo1").innerHTML = pos;
```

Teacher's Signature:.....

```
var pos = str.indexOf("locate", 15);  
document.getElementById("demo2").innerHTML = pos;
```

```
var pos = str.lastIndexOf("locate", 15);  
document.getElementById("demo3").innerHTML = pos;
```

```
var pos = str.search("locate");  
document.getElementById("demo4").innerHTML = pos;
```

```
var pos = str.slice(7,13);  
document.getElementById("demo5").innerHTML = pos;
```

```
var pos = str.substring(7,13);  
document.getElementById("demo6").innerHTML = pos;
```

```
var pos = str.replace("where", "when");  
document.getElementById("demo7").innerHTML = pos;
```

```
var pos = str.toUpperCase();  
document.getElementById("demo8").innerHTML = pos;
```

```
var pos = str.toLowerCase();  
document.getElementById("demo9").innerHTML = pos;
```

Teacher's Signature:.....

```
var pos = str.concat (" ", print);  
document.getElementById ("demo10").innerHTML = pos;
```

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

Teacher's Signature:.....

Output..

Javascript String Methods

7

21

21

7

locate
locate

Please locate when 'locate' occurs!

PLEASE LOCATE WHEN 'LOCATE' OCCURS!

Please locate when 'locate' occurs!

Please locate when 'locate' occurs! print

Dipendra

Write a Javascript program to define a user defined function for sorting the values in an array.

```
function bubblesort(array){  
    var done = false;  
    while (!done)  
    while (!done) {  
        done = true;  
        for(var i = 1; i < array.length; i++) {  
            if(array[i-1] > array[i]) {  
                done = false;  
                var temp = array[i-1];  
                array[i-1] = array[i];  
                array[i] = temp;  
            }  
        }  
    }  
    return array;  
}
```

```
var numbers = [12, 10, 15, 11, 14, 13, 16];  
bubblesort(numbers);  
console.log(numbers);
```

Teacher's Signature:.....

Output.

[10, 11, 12, 13, 14, 15, 16]

↑
↓
↓

Dipm

To create an HTML page to explain the use of various predefined function in an array & Date and math object in javascript.

```
<!DOCTYPE HTML>
<body>
<p id = "demo1"></p>
<p id = "demo2"></p>
<p id = "demo3"></p>
<p id = "demo4"></p>
<p id = "demo5"></p>
<p id = "demo6"></p>
<p id = "demo7"></p>
<p id = "demo8"></p>
<p id = "demo9"></p>
<p id = "demo10"></p>
<p id = "demo11"></p>
<p id = "demo12"></p>
```

```
<script>
```

```
var fruits = ["Banana", "Orange", "Apple"];
```

```
document.getElementById("demo1").innerHTML = fruits.toString();
document.getElementById("demo2").innerHTML = fruits.join("*");
document.getElementById("demo3").innerHTML = fruits.pop();
```

Teacher's Signature:.....

document.getElementById("demo4").innerHTML = fruits.push("Hello");
document.getElementById("demo5").innerHTML = fruits.length;

document.getElementById("demo6").innerHTML = Math.PI;

document.getElementById("demo7").innerHTML = Math.round(4.7);

document.getElementById("demo8").innerHTML = Math.pow(8,2);

document.getElementById("demo9").innerHTML = Math.sqrt(64);

document.getElementById("demo10").innerHTML = new Date();

document.getElementById("demo11").innerHTML =
new Date(2018, 11, 24, 10, 33, 30, 0);

document.getElementById("demo12").innerHTML =
new Date(2018, 11, 24, 10, 33, 30);

</script>
</body>
<html>

Teacher's Signature:.....

Output..

Banana, Orange, Apple

Banana * Orange * Apple

Apple.

4

4

3.141592653589793

5

64

8

Fri Jun 12 2020 1:11:45 GMT+0530 (IST)

Mon Dec 24 2018 10:33:30 GMT+0530 (IST)

Mon Dec 24 2018 10:33:30 GMT+0530 (IST)

Rishabh

Create an HTML file by applying the different styles using inline, external & internal style sheets.

index.html

```
<!DOCTYPE html>
<head><style>
  h2 { color: green, text-align: center; }
</style>
<link rel = "stylesheet" type = "text/css" href = "style.css">
</head>
<body>
<h1 style = "color:red; text-align: center;">Inline css</h1>
<h2> Internal css </h2>
<p> External css </p>
</body>
</html>
```

Style.css

```
p {
  font-family: verdana;
  font-size: 20px;
}
```

Teacher's Signature:.....

Bipin

This is Inline CSS.

This is Internal CSS

This is External CSS.

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

index.html

```
<!DOCTYPE html>
<head>
    <title> HTML frames </title>
</head>
<frameset rows = "20%, 80%">
    <frame name = "top" src = "mixed-frame.html"/>
    <frameset cols = "20%, 80%">
        <frame name = "nav" src = "navigation.html"/>
        <frame name = "main" src = "iframe.html"/>
    </frameset>
</frameset>
</html>
```

navigation.html

```
<html>
<head></head>
<body background = "green"></body>
</html>
```

Teacher's Signature:.....

mixed-frame.html

```
<html>
<head> </head>
<body >bg color = "red">
</body>
</html>
```

iframe.html

```
<html>
<head></head>
<body >bg color = "blue">
<center>
  <iframe src = "iframe.html" width = "80%">
    height = "70%">
</frame>
</center>
</body>
</html>
```

Teacher's Signature:.....

Create an html page to demonstrate exception handling in javascript.

```
<!DOCTYPE html>
<body>
  <h1>Hello World </h1>
  <p id="para">Hello world </p>
  <script>
    try {
      const para = document.getElementById("para").  

      innerHTML;  

    } catch (err) {
      document.write(err.message);
    }
  </script>
</body>
</html>
```

Teacher's Signature:.....

Output..

Hello World

Hello World

document.getElementById is not a function.

bold script

Take both in "bold script" ==> script
<"AOF" = typed

Simple
Normal
Bold
Italic

Rehm

Create a registration form as mentioned below

- a) set background colors
- b) use table for alignments
- c) provide font colors & size.

```
<!DOCTYPE html>
<head>
    <title>registration form </title>
    <style>
        body { background-color : navy; }
        p { color: white; font-size : 20px; }
    </style>
</head>
<body><center>
    <form action = "reg.asp" method = "post" name = "form">
        <table>
            <h1 style = "color: darkorange; font-size: 60px;">
                Registration form </h1>
            <tr>
                <td align = "right">
                    <p> Full name </p>
                </td>
                <td><input type = "text" name = "name" />
                </td>
            </tr>
        </table>
    </form>
</body>
```

Teacher's Signature:.....

```
<tr>
```

```
  <td align = "right">
```

```
    <p> Roll no: </p>
```

```
  </td>
```

```
  <td><input type = "number" name = "roll"/>
```

```
  </td>
```

```
</tr>
```

```
<tr>
```

```
  <td align = "right">
```

```
    <p> Phone no: </p>
```

```
  </td>
```

```
  <td><input type = "number" name = "phone"/>
```

```
  </td>
```

```
</tr>
```

```
<tr>
```

```
  <td></td>
```

```
  <td><input type = "submit" value = "Register"/>
```

```
  </td>
```

```
</tr>
```

```
</table>
```

```
</form>
```

```
</center></body>
```

```
</html>
```

Teacher's Signature:.....

Registration form

Full Name:

Roll No.:

Phone No.:

Display the calendar using javascript code by getting year from the user.

```
<!DOCTYPE html>
<head>
<style>
table { margin: auto 1vw 3vh 1vw;
        float: left;
    }
</style>
</head>

<body>
<div style = "display: inline; margin: 0">
<table border = 1 ;id = "cal 0">
<caption>January </caption>
<tr>
<th>Sun</th> <th>Mon</th> <th>Tue</th>
<th>Wed</th> <th>Thu</th> <th>Fri</th>
<th>Sat</th>
</tr>
</table>
</div>
</body>
```

Teacher's Signature:.....

Bijay

```
<table border=1 id="cal1">
<caption> February </caption>
<tr>
<th> Sun </th> <th> Mon </th> <th> Tue </th>
<th> wed </th> <th> Thu </th> <th> Fri </th>
<th> Sat </th>
</tr>
</table>
```

```
<table border=1 id="cal2">
<caption> Feb March </caption>
<tr>
<th> Sun </th> <th> Mon </th> <th> Tue </th>
<th> wed </th> <th> Thu </th> <th> Fri </th>
<th> Sat </th>
</tr>
</table>
```

```
<table border=1 id="cal3">
<caption> April </caption>
<tr>
<th> Sun </th> <th> Mon </th> <th> Tue </th>
<th> wed </th> <th> Thu </th> <th> Fri </th>
<th> Sat </th>
</tr>
</table>
```

Teacher's Signature:.....

```
<table border=1 id="cal4">
<caption> May </caption>
<tr>
<th> Sun </th> <th> Mon </th> <th> Tue </th>
<th> wed </th> <th> Thu </th> <th> Fri </th>
<th> Sat </th>
</tr>
</table>
```

```
<table border=1 id="cal5">
<caption> June </caption>
<tr>
<th> Sun </th> <th> Mon </th> <th> Tue </th>
<th> wed </th> <th> Thu </th> <th> Fri </th>
<th> Sat </th>
</tr>
</table>
```

```
<table border=1 id="cal6">
<caption> July </caption>
<tr>
<th> Sun </th> <th> Mon </th> <th> Tue </th>
<th> wed </th> <th> Thu </th> <th> Fri </th>
<th> Sat </th>
</tr>
</table>
```

Teacher's Signature:.....

```
<table border="1" id="cal7">
<caption> August </caption>
<tr>
    <th> Sun </th> <th> Mon </th> <th> Tue </th>
    <th> wed </th> <th> Thu </th> <th> Fri </th>
    <th> Sat </th>
</tr>
</table>
```

```
<table border="1" id="cal8">
<caption> September </caption>
<tr>
    <th> Sun </th> <th> Mon </th> <th> Tue </th>
    <th> wed </th> <th> Thu </th> <th> Fri </th>
    <th> Sat </th>
</tr>
</table>
```

```
<table border="1" id="cal9">
<caption> October </caption>
<tr>
    <th> Sun </th> <th> Mon </th> <th> Tue </th>
    <th> wed </th> <th> Thu </th> <th> Fri </th>
    <th> Sat </th>
</tr>
</table>
```

Teacher's Signature:.....

```
<table border=1 id= "cal10">
<caption> November </caption>
<tr>
<th> Sun </th> <th> Mon </th> <th> Tue </th>
<th> Wed </th> <th> Thu </th> <th> Fri </th>
<th> Sat </th>
</tr>
</table>
```

```
<table border=1 id= "cal11">
<caption> December </caption>
<tr>
<th> Sun </th> <th> Mon </th> <th> Tue </th>
<th> Wed </th> <th> Thu </th> <th> Fri </th>
<th> Sat </th>
</tr>
</table>
```

```
<script>
const year = parseInt(prompt("Enter the year"));
for(let i=0; i<12; i++) {
    const month_date = new Date(year, i);
    const firstDay = month_date.getDay();
    const id = "cal"+i;
    const calendar_body = document.getElementById(id);
    let date = 1;
```

Teacher's Signature:.....

Dipm

```
for (let j = 0; j < 6, j++) {  
    const row = document.createElement("tr");  
    for (let k = 0; k < 7, k++) {  
        if (j == 0)  
            if (j === 0 && k < firstDay) {  
                const cell = document.createElement("td");  
                const cellText = document.createTextNode("");  
                cell.appendChild(cellText);  
                row.appendChild(cell);  
            }  
        else if (date > daysInMonth(i, year)) {  
            break;  
        }  
        else {  
            const cell = document.createElement("td");  
            const cellText = document.createTextNode(data);  
            cell.appendChild(cellText);  
            rows.appendChild(cell);  
            date++;  
        }  
    }  
    calendarBody.appendChild(row);  
}  
function daysInMonth
```

Teacher's Signature:.....

```
function daysInMonth(month, year) {  
    return 32 - new Date(year, month, 32).  
        getDate();  
}  
</script>  
</body>  
</html>
```

Teacher's Signature:.....

This page says

Enter the year

OK

Cancel

