

&lt;&gt; practice.html 7 X

&lt;&gt; 2ndpg.html 5



C: &gt; Users &gt; 91834 &gt; Desktop &gt; &lt;&gt; practice.html &gt; html &gt; body &gt; form#myForm &gt; input#name

```
1  <!DOCTYPE html>
2  <html>
3      <head>
4          <title>Form Validation</title>
5      </head>
6      <body bgcolor="pink">
7          <form id="myForm">
8              <label for="name">Name:</label>
9              <input type="text" id="name" name="name"><br><br>
10
11              <label for="email">Email:</label>
12              <input type="text" id="email" name="email"><br><br>
13
14              <label for="mobile">Mobile Number:</label>
15              <input type="text" id="mobile" name="mobile"><br><br>
16
17              <label>Gender:</label>
18              <input type="radio" id="male" name="gender" value="male">Male
19              <input type="radio" id="female" name="gender" value="female">Female<br><br>
20
21              <label>Hobbies:</label>
22              <input type="checkbox" id="reading" name="hobbies" value="reading">Reading
23              <input type="checkbox" id="traveling" name="hobbies" value="traveling">Traveling<br><br>
24
25              <input type="submit" value="submit">
26          </form>
27          <script>
28              document.getElementById("myForm").addEventListener("submit",function(event){
29                  event.preventDefault();
30
31                  var name=document.getElementById("name").value.trim();
32                  var email=document.getElementById("email").value.trim();
33                  var mobile=document.getElementById("mobile").value.trim();
34
35                  var emailPattern=/^[a-zA-Z0-9._-]+@[a-zA-Z0-9.-]+\.[a-zA-Z]{2,4}$/;
36
37                  if(name==""||email==""||mobile=="")
38                  {
39                      alert("Please fill all the fields");
40                  }
41                  else if(mobile.length!=10||isNaN(mobile))
42                  {
```

C: > Users > 91834 > Desktop > <> practice.html > html > body > form#myForm > input#name

```
2    <html>
6        <body bgcolor="pink">
27            <script>
28                document.getElementById("myForm").addEventListener("submit",function(event){
30
31                    var name=document.getElementById("name").value.trim();
32                    var email=document.getElementById("email").value.trim();
33                    var mobile=document.getElementById("mobile").value.trim();
34
35                    var emailPattern=/^[a-zA-Z0-9._-]+@[a-zA-Z0-9.-]+\.[a-zA-Z]{2,4}$/;
36
37                    if(name==""||email==""||mobile=="")
38                    {
39                        alert("Please fill all the fields");
40                    }
41                    else if(mobile.length!=10||isNaN(mobile))
42                    {
43                        alert("Invalid Mobile Number");
44                    }
45                    else if(!emailPattern.test(email))
46                    {
47                        alert("Invalid Email");
48                    }
49                    else{
50                        alert("Form submitted successfully");
51                    }
52                });
53            </script>
54        </body>
55    </html>
```

<> 2ndpg.html 5 ✕

[illegible]

C: &gt; Users &gt; 91834 &gt; Desktop &gt; &lt;&gt; practice.html &gt; 📁 html &gt; 📁 body &gt; 📁 div#image.moveable &gt; 📁 img

```
1  <html>
2  <head>
3  <style>
4      .moveable{ position: absolute;
5      }
6  </style>
7  <script type = "text/javascript">
8      var x = 5;
9      var y = 5;
10     var dest_x = 300;
11     var dest_y = 300;
12     var interval = 10;
13     function moveImage()
14     {
15         if(x < dest_x)
16             x = x + interval;
17         if(y < dest_y)
18             y = y + interval;
19
20         document.getElementById("image").style.top = y + "px";
21         document.getElementById("image").style.left = x + "px";
22         if((x + interval < dest_x) && (y + interval < dest_y))
23         {
24             window.setTimeout("moveImage()", 100);
25         }
26     }
27 </script>
28 </head>
29 <body bgcolor="purple" onload = "moveImage()">
30     <div id = "image" class = "moveable">
31         <img height="500" width="500" src = "C:\Users\91834\Pictures\WhatsApp Image 2024-07-18 at 16.19_edited.jpg"
32         alt = "please link to a valid image" />
33     </div>
34 </body>
35 </html>
```



<> practice.html 4 ●



C: > Users > 91834 > Desktop > <> practice.html > html

```
1  <html>
2  <head>
3      <body bgcolor="purple">
4      <script type="text/javascript">
5          var num= window.prompt("Enter the number","");
6          var n= parseInt(num);
7          result=sum(n);
8          window.alert("The sum of"+ n + "natural number is:"+result);
9          function sum(n){
10              var i;
11              var sum=0;
12              for(i=1;i<=n;i++){
13                  sum=sum+i;
14              }
15              return sum;
16          }
17      </script>
18  </head>
19  </body>
20 </html>
```

<> practice.html 3 x



C: > Users > 91834 > Desktop > <> practice.html > html > head > script > displaydate

```
1  <html>
2  <head>
3      <title>To display the system date</title>
4      <script>
5          function displaydate() {
6              var d = new Date();
7              var weekday = ["Sunday", "Monday", "Tuesday", "Wednesday", "Thursday", "Friday", "Saturday"];
8              var monthname = ["Jan", "Feb", "Mar", "Apr", "May", "Jun", "Jul", "Aug", "Sep", "Oct", "Nov", "Dec"];
9
10             // Fixed method name: getFullYear() instead of getFullyear()
11             var dateStr = weekday[d.getDay()] + " " + monthname[d.getMonth()] + " " + d.getFullYear();
12
13             // Fixed property name: innerHTML instead of innerHtml
14             document.getElementById("date").innerHTML = dateStr;
15         }
16     </script>
17 </head>
18 <body bgcolor="Pink" onload="displaydate()">
19     <h1 id="date">System Date will be displayed here</h1>
20 </body>
21 </html>
22
```

PROBLEMS 2 OUTPUT DEBUG CONSOLE TERMINAL PORTS SEARCH/ERROR

File Edit View Extensions



C: &gt; Users &gt; 91834 &gt; Desktop &gt; &lt;&gt; practice.html &gt; 📁 html &gt; 📁 body &gt; 📁 form &gt; 📁 center &gt; 📁 table &gt; 📁 tr

```
1  <html>
2  <head>
3      <title>Registration Form</title>
4      <script type="text/javascript">
5          function calc() {
6              var m1, m2, m3, avg = 0, total = 0, result = " ", grade = " ";
7
8              m1 = parseInt(document.form1.WP.value);
9              m2 = parseInt(document.form1.AI.value);
10             m3 = parseInt(document.form1.CG.value);
11
12             total = m1 + m2 + m3;
13             avg = total / 3;
14
15             if (m1 < 35 || m2 < 35 || m3 < 35) {
16                 result = "Fail";
17                 grade = "D";
18             } else if (avg >= 75) {
19                 result = "Distinction";
20                 grade = "A+";
21             } else if (avg >= 60 && avg < 75) {
22                 result = "First Class";
23                 grade = "A";
24             } else if (avg >= 50 && avg < 60) {
25                 result = "Second Class";
26                 grade = "B";
27             } else if (avg >= 35 && avg < 50) {
28                 result = "Pass Class";
29                 grade = "C";
30             } else if (avg < 35) {
31                 result = "Fail";
32                 grade = "F";
33             }
34
35             document.form1.result.value = result;
36             document.form1.grade.value = grade;
37             document.form1.total.value = total;
38             document.form1.average.value = avg;
39         }
40     </script>
41 </head>
42 <body bgcolor="Orange">
```



C: &gt; Users &gt; 91834 &gt; Desktop &gt; practice.html &gt; html &gt; body &gt; form &gt; center &gt; table &gt; tr

```
1  <html>

42  <body bgcolor="Orange">
43    <form name="form1">
44      <center>
45        <h2>Student Marks</h2>
46        <table border="10">
47          <tr>
48            <td>Student Name</td>
49            <td><input type="text" /></td>
50          </tr>
51          <tr>
52            <td colspan="2" align="center">Subject Marks</td>
53          </tr>
54          <tr>
55            <td>Web Programming</td>
56            <td><input type="text" name="WP" /></td>
57          </tr>
58          <tr>
59            <td>Artificial Intelligence</td>
60            <td><input type="text" name="AI" /></td>
61          </tr>
62          <tr>
63            <td>Data Mining</td>
64            <td><input type="text" name="CG" /></td>
65          </tr>
66          <tr>
67            <td colspan="2" align="center">
68              <input type="button" onclick="calc()" value="CALCULATE" />
69            </td>
70          </tr>
71          <tr>
72            <td>Total</td>
73            <td><input type="text" name="total" /></td>
74          </tr>
75          <tr>
76            <td>Average</td>
77            <td><input type="text" name="average" /></td>
78          </tr>
79          <tr>
80            <td>Result</td>
81            <td><input type="text" name="result" /></td>
82          </tr>
```



C: &gt; Users &gt; 91834 &gt; Desktop &gt; &lt;&gt; practice.html &gt; 📁 html &gt; 📁 body &gt; 📁 form &gt; 📁 center &gt; 📁 table &gt; 📁 tr

```
1  <html>
42 <body bgcolor="Orange">
43   <form name="form1">
44     <center>
45       <table border="10">
46
62         <tr>
63           <td>Data Mining</td>
64           <td><input type="text" name="CG" /></td>
65         </tr>
66         <tr>
67           <td colspan="2" align="center">
68             <input type="button" onclick="calc()" value="CALCULATE" />
69           </td>
70         </tr>
71         <tr>
72           <td>Total</td>
73           <td><input type="text" name="total" /></td>
74         </tr>
75         <tr>
76           <td>Average</td>
77           <td><input type="text" name="average" /></td>
78         </tr>
79         <tr>
80           <td>Result</td>
81           <td><input type="text" name="result" /></td>
82         </tr>
83         <tr>
84           <td>Grade</td>
85           <td><input type="text" name="grade" /></td>
86         </tr>
87       </table>
88     </center>
89   </form>
90 </body>
91 </html>
```

```
1  <html>
2  <head>
3      <title>Employee Salary Details</title>
4      <script type="text/javascript">
5          function showSalary() {
6              var empname = document.getElementById("empname").value;
7              var empno = document.getElementById("empno").value;
8              var basic = parseInt(document.getElementById("basic").value);
9
10             var hra = basic * 0.4;
11             var da = basic * 0.6;
12             var gross = basic + hra + da;
13             var pf = gross * 0.13;
14             var tax = gross * 0.2;
15             var deductions = pf + tax;
16             var netsalary = gross - deductions;
17
18             document.writeln("<table border='5'>");
19             document.writeln("<tr><th>Employee Salary Details</th></tr>");
20             document.writeln("<tr><td>Emp Name:</td><td>" + empname + "</td></tr>");
21             document.writeln("<tr><td>Emp No:</td><td>" + empno + "</td></tr>");
22             document.writeln("<tr><td>Basic Salary:</td><td>" + basic + "</td></tr>");
23             document.writeln("<tr><td>HRA:</td><td>" + hra + "</td></tr>");
24             document.writeln("<tr><td>DA:</td><td>" + da + "</td></tr>");
25             document.writeln("<tr><td>Gross Salary:</td><td>" + gross + "</td></tr>");
26             document.writeln("<tr><td>PF:</td><td>" + pf + "</td></tr>");
27             document.writeln("<tr><td>Tax:</td><td>" + tax + "</td></tr>");
28             document.writeln("<tr><td>Deductions:</td><td>" + deductions + "</td></tr>");
29             document.writeln("<tr><td>Net Salary:</td><td>" + netsalary + "</td></tr>");
30             document.writeln("</table>");
31         }
32     </script>
33 </head>
34 <body bgcolor="pink">
35     <form>
36         <table border="5">
37             <tr>
38                 <th>Employee Details</th>
39             </tr>
40             <tr>
41                 <th>Employee Name:</th>
42                 <td><input type="text" id="empname" /></td>
```

C: &gt; Users &gt; 91834 &gt; Desktop &gt; &lt;&gt; practice.html &gt; ...

```
1  <html>
2  <head>
4      <script type="text/javascript">
5          function showSalary() {
26              document.writeln("<tr><td>PF:</td><td>" + pf + "</td></tr>");
27              document.writeln("<tr><td>Tax:</td><td>" + tax + "</td></tr>");
28              document.writeln("<tr><td>Deductions:</td><td>" + deductions + "</td></tr>");
29              document.writeln("<tr><td>Net Salary:</td><td>" + netsalary + "</td></tr>");
30              document.writeln("</table>");
31          }
32      </script>
33  </head>
34  <body bgcolor="pink">
35      <form>
36          <table border="5">
37              <tr>
38                  <th>Employee Details</th>
39              </tr>
40              <tr>
41                  <th>Employee Name:</th>
42                  <td><input type="text" id="empname" /></td>
43              </tr>
44              <tr>
45                  <th>Employee No:</th>
46                  <td><input type="text" id="empno" /></td>
47              </tr>
48              <tr>
49                  <th>Basic Pay:</th>
50                  <td><input type="number" id="basic" /></td>
51              </tr>
52          </table>
53          <br />
54          <input type="button" value="Show Salary Details" onClick="showSalary()" />
55      </form>
56  </body>
57  </html>
58
```