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**Vellore Institute of Technology**  
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# **WEB TECHNOLOGY**

**LAB-DA-3**

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## 1.Pick 5 corporations and hunt down their current stock prices.

- i. Place them in a neatly arranged table with their name, symbol, last price, 52wk high, 52wk low and PE ratio.
- ii. The end result should look like the following. Notice that the first column is aligned left and the rest are centered.
- iii. Now alter the last table using shaded rows and no border.

### HTML CODE:

```
<html>

<head>

<title>Kathir</title>

</head>

<body>

<table cellspacing="1" cellpadding="2" border="2" align="center">

<tr>

<td align="center" colspan="6" bgcolor=""><font

size="3"><i><b>My tech stock picks</b></i></font></td>

</tr>

<tr>

<td><font size="2"><b>NAME</b></font></td>

<td align="center"><font size="2"><b>SYMBOL</b></font></td>

<td align="center"><font size="2"><b>CURRENT</b></font></td>

<td align="center"><font size="2"><b>52WK HI</b></font></td>

<td align="center"><font size="2"><b>52WK LO</b></font></td>

<td align="center"><font size="2"><b>P/E RATIO</b></font></td>

</tr>
```

```
<tr>
<td>Microsoft</td>
<td align="center">MSFT</td>
<td align="center">86-3/8</td>
<td align="center">119-15/16</td>
<td align="center">75-1/2</td>
<td align="center">56.09</td>
</tr>
```

```
<tr><td>Cisco Systems</td>
<td align="center">CSCO</td>
<td align="center">72-1/8</td>
<td align="center">82</td>
<td align="center">24-13/16</td>
<td align="center">400.69</td>
</tr>
```

```
<tr>
<td>America Online</td>
<td align="center">AOL</td>
<td align="center">63</td>
<td align="center">95-13/16</td>
<td align="center">38-15/32</td>
<td align="center">350.00</td>
</tr>
```

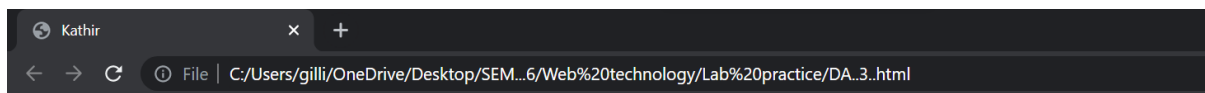
```
<tr>
<td>Qwest Communications</td>
```

```
<td align="center">Q</td>
<td align="center">44-7/16</td>
<td align="center">66</td>
<td align="center">25-3/4</td>
<td align="center">74.06</td>
</tr>
<tr>
<td>Dell Computers</td>
<td align="center">DELL</td>
<td align="center">53-59/64</td>
<td align="center">59-11/16</td>
<td align="center">31-3/8</td>
<td align="center">86.97</td>
</tr>
</table>
</body>
</html>
```

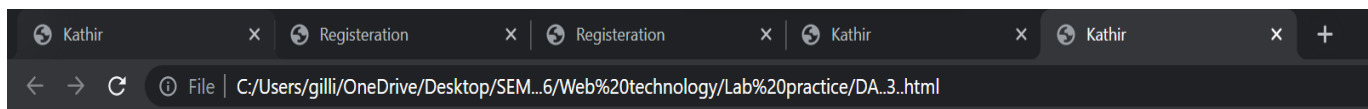
# INPUT:

```
C:\Users\gilli\OneDrive\Desktop\SEM...6\Web technology\Lab practice\DA..3..html - Notepad++
File Edit Search View Encoding Language Settings Tools Macro Run Plugins Window ?
DA..3..html x
7 <tr>
8 <td align="center" colspan="6" bgcolor=""><font
9 size="3"><i><b>My tech stock picks</b></i></font></td>
10 </tr>
11 <tr>
12 <td><font size="2"><b>NAME</b></font></td>
13 <td align="center"><font size="2"><b>SYMBOL</b></font></td>
14 <td align="center"><font size="2"><b>CURRENT</b></font></td>
15 <td align="center"><font size="2"><b>52WK HI</b></font></td>
16 <td align="center"><font size="2"><b>52WK LO</b></font></td>
17 <td align="center"><font size="2"><b>P/E RATIO</b></font></td>
18 </tr>
19 <tr>
20 <td>Microsoft</td>
21 <td align="center">MSFT</td>
22 <td align="center">86-3/8</td>
23 <td align="center">119-15/16</td>
24 <td align="center">75-1/2</td>
25 <td align="center">56.09</td>
26 </tr>
27 <tr><td>Cisco Systems</td>
28 <td align="center">CSCO</td>
29 <td align="center">72-1/8</td>
30 <td align="center">82</td>
31 <td align="center">24-13/16</td>
32 <td align="center">400.69</td>
33 </tr>
34 <tr>
35 <td>America Online</td>
36 <td align="center">AOL</td>
37 <td align="center">63</td>
38 <td align="center">95-13/16</td>
39 <td align="center">38-15/32</td>
40 <td align="center">350.00</td>
41 </tr>
42 <tr>
43 <td>Qwest Communications</td>
44 <td align="center">Q</td>
45 <td align="center">44-7/16</td>
46 <td align="center">66</td>
47 <td align="center">25-3/4</td>
48 <td align="center">74.06</td>
49 </tr>
50 <tr>
51 <td>Dell Computers</td>
52 <td align="center">DELL</td>
53 <td align="center">53-59/64</td>
54 <td align="center">59-11/16</td>
55 <td align="center">31-3/8</td>
56 <td align="center">86.97</td>
57 </tr>
58 </table>
59 </body>
60 </html>
```

## OUTPUT:



My tech stock picks					
NAME	SYMBOL	CURRENT	52WK HI	52WK LO	P/E RATIO
Microsoft	MSFT	86-3/8	119-15/16	75-1/2	56.09
Cisco Systems	CSCO	72-1/8	82	24-13/16	400.69
America Online	AOL	63	95-13/16	38-15/32	350.00
Qwest Communications	Q	44-7/16	66	25-3/4	74.06
Dell Computers	DELL	53-59/64	59-11/16	31-3/8	86.97



My tech stock picks					
NAME	SYMBOL	CURRENT	52WK HI	52WK LO	P/E RATIO
Microsoft	MSFT	86-3/8	119-15/16	75-1/2	56.09
Cisco Systems	CSCO	72-1/8	82	24-13/16	400.69
America Online	AOL	63	95-13/16	38-15/32	350.00
Qwest Communications	Q	44-7/16	66	25-3/4	74.06
Dell Computers	DELL	53-59/64	59-11/16	31-3/8	86.97

## 2. Create a web page containing three divisions.

- The first division displays a digital clock on the rightmost end.
- The width of the first division is 100%.The second division and third division lay side by side.
- The second division has an image slider and third division has a color picker and two list box having font-family and size and a button. When a button is clicked the background color, font and font size should change for a whole page. Use JavaScript to implement the above.

## HTML CODE:

<html>

<head>

<title>Kathir</title>

<script>

```
function displaytime() {  
  x=getHour();  
  y=getMin();  
  z=getSec();  
  document.getElementById("id1").value=x+" H";  
  document.getElementById("id2").value=y+" M";  
  document.getElementById("id3").value=z+" S";  
  setTimeout(displaytime,1000);  
}  
  
function getHour() {  
  var obj=new Date();  
  h=obj.getHours();  
  return h;  
}  
  
function getMin() {  
  var obj=new Date();  
  h=obj.getMinutes();  
  return h;  
}  
  
function getSec() {  
  var obj=new Date();  
  h=obj.getSeconds();  
  return h;  
}  
  
var slideIndex=0;
```

```
imageSlider();
function imageSlider() {
var i;
var slide=document.getElementsByClassName("fade");
for(i=0;i<slide.length;i++)
{
slide[i].style.display="none";
}
slideIndex++;
if(slideIndex>slide.length)
{
slideIndex=1;
}
slide[slideIndex-1].style.display = "block";
setTimeout(imageSlider, 2000);
}
function colorChange() {
var x=document.getElementById("mySelect").value;
document.getElementById("color").style.backgroundColor = x;
var y=document.getElementById("myfont").value;
document.getElementById("color").style.fontFamily=y;
var z=document.getElementById("mySize").value;
document.getElementById("color").style.fontSize=z;
}
</script>
```



<style>

\* {box-sizing:border-box}

body {font-family: Verdana,sans-serif;}

.fade {display:none;

border: 5px solid black;

height: 360px;

width: 610px;

}

.image {

max-width: 1000px;

position: absolute;

top: 208px;

background-image: url("full.jpg");

padding: 20px;

height: 400px;

width: 650px;

}

#digitalclock

{

background-color: rgba(0,0,0,0.5);

float: right;

position: absolute;

top:70px;

left: 1000px;

padding: 10px;

```
border-radius: 10px;
}
#digital{
background-image;
background-size: contain;
position: relative;
width: 100%;
padding: 100px;
}
#digitalclock input[type=text]{
height: 50px;
width: 50px;
border-radius: 5px;
text-align: center;
color: crimson;
background-color: rgba(224, 210, 222, 1);
font-style: italic;
font-size: larger;
-webkit-filter:;
}
#color
{
position: absolute;
top: 208px;
left: 658px;
```

```

height: 400px;
width: 700px;
padding: 100px;
}
#new{
position: fixed;
background-color: #bbbbbb;
top: 450px;
left: 850px;
}
#newtext{
background-color: lightgreen;
}
</style>
</head>
<body onload=imageSlider();displaytime();>
<div id="digital">
<div id="digitalclock">
<input id="id1" type="text"><input id="id2" type="text"><input
id="id3"
type="text">
</div>
</div>
<div class="image" >
<div class="fade">

```

```

```

```
</div>
```

```
<div class="fade">
```

```

```

```
</div>
```

```
</div>
```

```
<div id="color" style="background-color: darkorange; ">
```

```
<div id="newtext">
```

```
<p style="border: 3px solid black;" id="text">
```

A flower, sometimes known as a bloom or blossom, is the reproductive structure found in flowering plants (plants of the division Magnoliophyta, also

called angiosperms). The biological function of a flower is to facilitate reproduction, usually by providing a mechanism for the union of sperm with

eggs.

```
</p>
```

```
</div>
```

```
<form>
```

```
<div id="new">
```

```
<option value="green" >green</option>
```

Select Color:

```
<select id="mySelect">
```

```
<option value="blue" >Blue</option>
```

<option value="green" >Green</option>

<option value="black">Black</option>

<option value="brown">brown</option>

</select>

<br>

Select Font:

<select id="myfont">

<option value="Arial" style="font-family: Arial">Arial</option>

<option value=""Baskerville Old Face"" style="font-family: 'Baskerville Old

Face">Baskerville Old Face</option>

<option value=""Berlin Sans FB Demi"" style="font-family: 'Berlin Sans FB

Demi">Berlin Sans FB Demi</option>

<option value="Century" style="font-family: Century">Century</option>

<option value=""Javanese Text"" style="font-family: 'Javanese Text">Javanese

Text</option>

</select>

<br>

Size:

<select id="mySize">

<option value="large" >Large</option>

<option value="larger" >Larger</option>

<option value="medium" >Medium</option>

<option value="small">Small</option>

<option value="smaller">Smaller</option>

</select>

<br>

<input type="button" value="click" name="click"  
onclick="colorChange()">

</div>

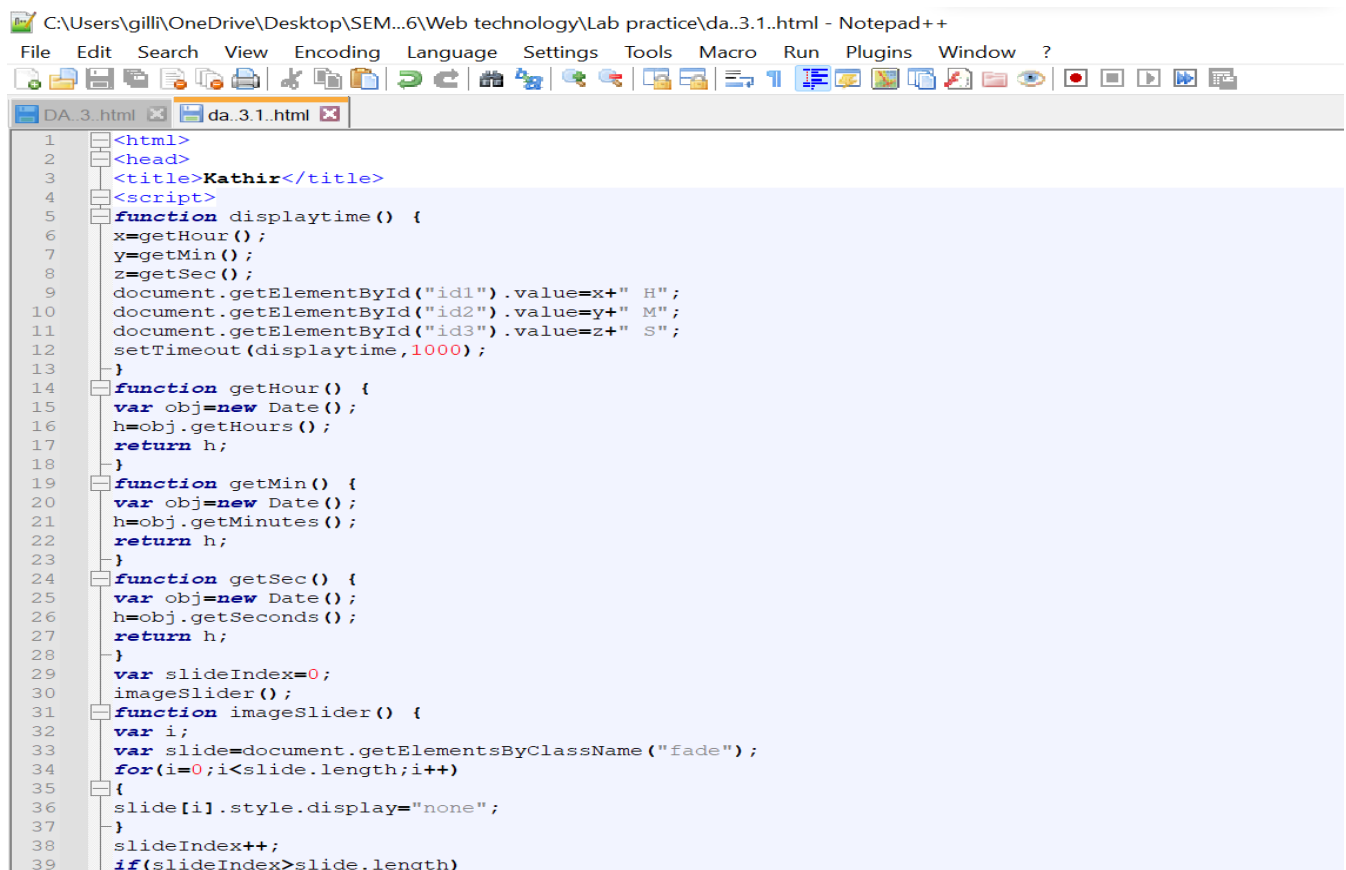
</form>

</div>

</body>

</html>

## INPUT:



```
C:\Users\gilli\OneDrive\Desktop\SEM...6\Web technology\Lab practice\da..3.1..html - Notepad++
File Edit Search View Encoding Language Settings Tools Macro Run Plugins Window ?
DA..3.html da..3.1..html
1 <html>
2 <head>
3 <title>Kathir</title>
4 <script>
5 function displaytime () {
6     x=getHour();
7     y=getMin();
8     z=getSec();
9     document.getElementById("id1").value=x+" H";
10    document.getElementById("id2").value=y+" M";
11    document.getElementById("id3").value=z+" S";
12    setTimeout(displaytime,1000);
13 }
14 function getHour() {
15     var obj=new Date();
16     h=obj.getHours();
17     return h;
18 }
19 function getMin() {
20     var obj=new Date();
21     h=obj.getMinutes();
22     return h;
23 }
24 function getSec() {
25     var obj=new Date();
26     h=obj.getSeconds();
27     return h;
28 }
29 var slideIndex=0;
30 imageSlider();
31 function imageSlider() {
32     var i;
33     var slide=document.getElementsByClassName("fade");
34     for(i=0;i<slide.length;i++)
35     {
36         slide[i].style.display="none";
37     }
38     slideIndex++;
39     if(slideIndex>slide.length)
```

```

40 {
41     slideIndex=1;
42 }
43 slide[slideIndex-1].style.display = "block";
44 setTimeout(imageSlider, 2000);
45 }
46 function colorChange() {
47     var x=document.getElementById("mySelect").value;
48     document.getElementById("color").style.backgroundColor = x;
49     var y=document.getElementById("myfont").value;
50     document.getElementById("color").style.fontFamily=y;
51     var z=document.getElementById("mySize").value;
52     document.getElementById("color").style.fontSize=z;
53 }
54 </script>
55 <style>
56 * {box-sizing:border-box}
57 body {font-family: Verdana,sans-serif;}
58 .fade {display:none;
59 border: 5px solid black;
60 height: 360px;
61 width: 610px;
62 }
63 .image {
64 max-width: 1000px;
65 position: absolute;
66 top: 208px;
67 background-image: url("full.jpg");
68 padding: 20px;
69 height: 400px;
70 width: 650px;
71 }
72 #digitalclock
73 {
74 background-color: rgba(0,0,0,0.5);
75 float: right;
76 position: absolute;
77 top:70px;
78 left: 1000px;

```

```

79 padding: 10px;
80 border-radius: 10px;
81 }
82 #digital{
83 background-image;
84 background-size: contain;
85 position: relative;
86 width: 100%;
87 padding: 100px;
88 }
89 #digitalclock input[type=text]{
90 height: 50px;
91 width: 50px;
92 border-radius: 5px;
93 text-align: center;
94 color: crimson;
95 background-color: rgba(224, 210, 222, 1);
96 font-style: italic;
97 font-size: larger;
98 -webkit-filter:;
99 }
100 #color
101 {
102 position: absolute;
103 top: 208px;
104 left: 658px;
105 height: 400px;
106 width: 700px;
107 padding: 100px;
108 }
109 #new{
110 position: fixed;
111 background-color: #bbbbbb;
112 top: 450px;
113 left: 850px;
114 }
115 #newtext{
116 background-color: lightgreen;
117 }

```

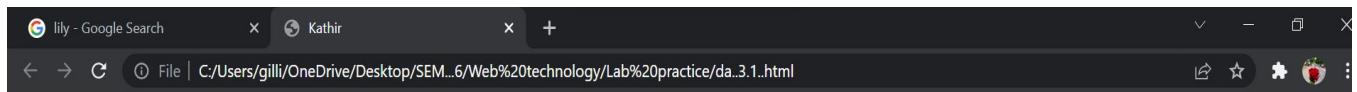
```

118 </style>
119 </head>
120 <body onload=imagesSlider();displaytime();>
121 <div id="digital">
122 <div id="digitalclock">
123 <input id="id1" type="text"><input id="id2" type="text"><input id="id3"
124 type="text">
125 </div>
126 </div>
127 <div class="image" >
128 <div class="fade">
129 
130 </div>
131 <div class="fade">
132 
133 </div>
134 </div>
135 <div id="color" style="background-color: darkorange; ">
136 <div id="newtext">
137 <p style="border: 3px solid black;" id="text">
138 A flower, sometimes known as a bloom or blossom, is the reproductive
139 structure found in flowering plants (plants of the division Magnoliophyta, also
140 called angiosperms). The biological function of a flower is to facilitate
141 reproduction, usually by providing a mechanism for the union of sperm with
142 eggs.
143 </p>
144 </div>
145 <form>
146 <div id="new">
147 <option value="green" >green</option>
148 Select Color:
149 <select id="mySelect">
150 <option value="blue" >Blue</option>
151 <option value="green" >Green</option>
152 <option value="black">Black</option>
153 <option value="brown">brown</option>
154 </select>
155 <br>
158 <br>
159 Select Font:
160 <select id="myfont">
161 <option value="Arial" style="font-family: Arial">Arial</option>
162 <option value=" 'Baskerville Old Face' " style="font-family: 'Baskerville Old
163 Face' ">Baskerville Old Face</option>
164 <option value=" 'Berlin Sans FB Demi' " style="font-family: 'Berlin Sans FB
165 Demi' ">Berlin Sans FB Demi</option>
166 <option value="Century" style="font-family: Century">Century</option>
167 <option value=" 'Javanese Text' " style="font-family: 'Javanese Text' ">Javanese
168 Text</option>
169 </select>
170 <br>
171 Size:
172 <select id="mySize">
173 <option value="large" >Large</option>
174 <option value="larger" >Larger</option>
175 <option value="medium" >Medium</option>
176 <option value="small">Small</option>
177 <option value="smaller">Smaller</option>
178 </select>
179 <br>
180 <input type="button" value="click" name="click" onclick="colorChange () ">
181 </div>
182 </form>
183 </div>
184 </body>
185 </html>

```



## OUTPUT:



A flower, sometimes known as a bloom or blossom, is the reproductive structure found in flowering plants (plants of the division Magnoliophyta, also called angiosperms). The biological function of a flower is to facilitate reproduction, usually by providing a mechanism for the union of sperm with eggs.

green  
Select Color: Blue ▾  
Select Font: Arial ▾  
Size: Large ▾  
click

3. Design the following HTML form using HTML and javascript

- i) Utilize CSS shorthand background properties to provide a color and image.
- ii) Utilize field set tags.
- iii) Check no fields are null.

## HTML CODE:

```
<html>

<head>

<title>Kathir</title>

</head>

<script> function validate()
{
```

```
var n=document.getElementById("name").innerHTML; var
t=document.getElementById("toppings").innerHTML; var
s=document.getElementById("sauce").checked; var
b=document.getElementById("base").checked; var
i=document.getElementById("delivery instructions").innerHTML;
if(n == 0){ alert("Name field is Empty");} if(t == 0){
alert("select the toppings");} if (s == 0){
alert("select the sauce");}
if (b == 0){ alert("select the type of base required");}
if (i == 0){ alert("text should be filled ");
}
}
</script>
<title> pizza shop 2.0 </title>
<style>
body{
background:red
url("https://sp.yimg.com/ib/th?id=OP.PimU5R8avWhCJA474C474&
o=5&pid
=21.1&bw=0&bc=FFFFFF&w=174&h=174")no-repeat fixed;
background-size:cover;
</style>
</head>
<body>
<form name="pizza" onsubmit=" validate();">
```

```

<table align="center" border="1" width="25%" height="25%">
<tr>
<th colspan="2">PIZZA SHOP 2.0 </th>
</tr>
<tr>
<td align="left" ; >Name</td>
<td><input type="text" name="name" id="name"></td>
</tr>
<tr>
<td align="left">Pizza Topping</td>
<td><input type="radio" name="supreme" id
="toppings">supreme</br>
<input type="radio" name="vegetarian"
id="toppings">vegetarian</br>
<input type="radio" name="hawaaian"
id="toppings">hawaiaain</br></td>
</tr>
<tr>
<td align="left"> Pizza sauce</td>
<td >
<select name ="dropdown">
<option value="tomato" selected id ="sauce">tomato</option>
<option value="carrot" selected id ="sauce">carrot</option>
</select>
</td>
</tr>

```

```

<tr>
<td align="left" > Optional extras</td>
<td><input type="checkbox" name="extra cheese" id="base">extra
cheese
<input type="checkbox" name="gluten Free Baes" id ="base">gluten
free base
</td>
</tr>
<tr>
<td colspan="2" >Delivery Instructions: <br/><textarea
name="Delivery
Instructions" id="delivery instructions">
</textarea>
</td>
</tr>
<tr>
<td colspan="2">
<button> Send my order</button>
</td>
</tr>
</table>
</form>
</body>
</html>

```

## INPUT:

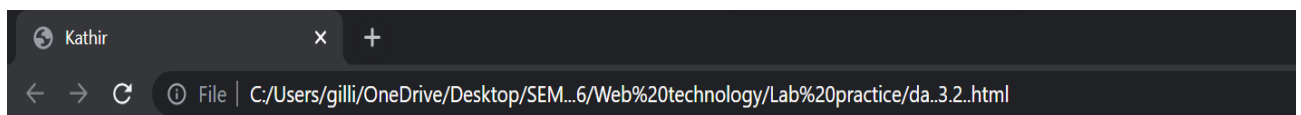
```
C:\Users\gilli\OneDrive\Desktop\SEM...6\Web technology\Lab practice\da..3.2..html - Notepad++
File Edit Search View Encoding Language Settings Tools Macro Run Plugins Window ?
DA..3..html x da..3.1..html x da..3.2..html x da..3.3..html x da..3.4..html x da..3.6..html x
1 <html>
2 <head>
3 <title>Kathir</title>
4 </head>
5 <script> function validate()
6 {
7     var n=document.getElementById("name").innerHTML; var
8     t=document.getElementById("toppings").innerHTML; var
9     s=document.getElementById("sauce").checked; var
10    b=document.getElementById("base").checked; var
11    i=document.getElementById("delivery instructions").innerHTML;
12    if(n == 0){ alert("Name field is Empty");} if(t == 0){
13    alert("select the toppings");} if (s == 0){
14    alert("select the sauce");}
15    if (b == 0){ alert("select the type of base required");}
16    if (i == 0){ alert("text should be filled ");
17    }
18    }
19 </script>
20 <title> pizza shop 2.0 </title>
21 <style>
22 body{
23 background:red
24 url("https://sp.yimg.com/ib/th?id=OP.PimU5R8avWhCJA474C474&o=5&pid
25 =21.1&bw=0&bc=FFFFFF&w=174&h=174")no-repeat fixed;
26 background-size:cover;
27 </style>
28 </head>
29 <body>
30 <form name="pizza" onsubmit=" validate();" >
31 <table align="center" border="1" width="25%" height="25%">
32 <tr>
33 <th colspan="2">PIZZA SHOP 2.0 </th>
34 </tr>
35 <tr>
36 <td align="left" ; >Name</td>
37 <td><input type="text" name="name" id="name"></td>
38 </tr>
39 <tr>
```

```

40 <td align="left">Pizza Topping</td>
41 <td><input type="radio" name="supreme" id="toppings">supreme</br>
42 <input type="radio" name="vegetarian" id="toppings">vegitarian</br>
43 <input type="radio" name="hawaaian" id="toppings">hawaiaain</br></td>
44 </tr>
45 <tr>
46 <td align="left"> Pizza sauce</td>
47 <td >
48 <select name="dropdown">
49 <option value="tomato" selected id="sauce">tomato</option>
50 <option value="carrot" selected id="sauce">carrot</option>
51 </select>
52 </td>
53 </tr>
54 <tr>
55 <td align="left" > Optional extras</td>
56 <td><input type="checkbox" name="extra cheese" id="base">extra cheese
57 <input type="checkbox" name="gluten Free Baes" id="base">gluten free base
58 </td>
59 </tr>
60 <tr>
61 <td colspan="2" >Delivery Instructions: <br/><textarea name="Delivery
62 Instructions" id="delivery instructions">
63 </textarea>
64 </td>
65 </tr>
66 <tr>
67 <td colspan="2">
68 <button> Send my order</button>
69 </td>
70 </tr>
71 </table>
72 </form>
73 </body>
74 </html>

```

## OUTPUT:



PIZZA SHOP 2.0	
Name	<input type="text"/>
Pizza Topping	<input type="radio"/> supreme <input type="radio"/> vegetarian <input type="radio"/> hawaiaain
Pizza sauce	carrot ▼
Optional extras	<input type="checkbox"/> extra cheese <input type="checkbox"/> gluten free base
Delivery Instructions:	
<input type="text"/>	
<input type="button" value="Send my order"/>	

PIZZA SHOP 2.0	
Name	<input type="text"/>
Pizza Topping	<input type="radio"/> supreme <input type="radio"/> vegetarian <input type="radio"/> hawaiaain
Pizza sauce	carrot ▼
Optional extras	<input type="checkbox"/> extra cheese <input type="checkbox"/> gluten free base
Delivery Instructions:	
<input type="text"/>	
<input type="button" value="Send my order"/>	

4.Design a student registration form which takes student name, register number, DOB, program, email id, temporary address, permanent address, phone number.

i) Validate the following using JavaScript:

- a. Mobile number should be exactly 10 digits.
- b. Register number should have alphabets and numbers only
- c. Name should not exceed 30 characters and can be only alphabets.

ii) Email validation

iii) Provide a checkbox saying “Permanent address is same as temporary address”. If checked, the value of permanent address should be added automatically from temp address. And should be in disabled mode.

### **HTML CODE:**

```

<html>

<head>

<title>Registration</title>

<script type="text/javascript">

function validate()

{

```

```

name(document.getElementById("name").value);
reg(document.getElementById("regno").value);
mail(document.getElementById("email").value);
num(document.getElementById("phoneno").value);
}
function name(name)
{
nl=name.length;
flag=1;
for(i=0;i<nl;i++){
c=name.charAt(i);
if(!((c>='A' && c<='Z') || (c>='a' && c<='z') || c==' '))
flag=0;
}
if(flag==0)
alert("Name should contain alphabets");
}
function reg(regno)
{
flag=1;
for(i=0;i<regno.length;i++){
c=regno.charAt(i);
if(!((c>='A' && c<='Z') || (c>='a' && c<='z') || (c>='0' && c<='9'))))
flag=0;
}
}

```



```
if(flag==0)
alert("Register number should be in alphabets and number");
}
function mail(email)
{
atp=email.indexOf("@");
dotp=email.lastIndexOf(".");
if (atp<1 || dotp<atp+2 || dotp+2>=email.length)
alert("Enter a valid E-mail ID");
}
function num(phoneno)
{
if(phno.length<10)
alert("Enter a valid phoneno");
}
function disable()
{
if(document.getElementById("check").checked)
{
document.getElementById("permadd").value=document.getElementById("tempadd").value;
document.getElementById("permadd").disabled=true;
}
else
```

```
{
document.getElementById("permadd").disabled=false;
document.getElementById("permadd").value="";
}
}
</script>
</head>
<body>
<center>
<form>
<table border="1" height="50" cellpadding="2">
<tr>
<th colspan="2"> STUDENT REGISTRATION FORM </th>
</tr>
<tr>
<td>Student Name:</td><td><input name="name" id="name"
type="text"
maxlength="30"></td>
</tr>
<tr>
<td>Register Number:</td><td><input id="regno" type="text"></td>
</tr>
<tr>
<td>Date of Birth:</td><td><input id="dob" type="text"></td>
</tr>
```

```

<tr>
<td>Program:</td><td><input id="prog" type="text"></td>
</tr>
<tr>
<td>E-Mail ID:</td><td><input id="email" type="text"></td>
</tr>
<tr>
<td colspan="2">Temporary Address:<br><textarea id="tempadd"
></textarea></td>
</tr>
<tr>
<td colspan="2">Permanent Address:<br><textarea id="permadd"
></textarea></td>
</tr>
<tr>
<td colspan="2"><input id="check" type="checkbox"
onclick="disable();">Same as temporary address</td>
</tr>
<td>Phone Number:</td><td><input id="phoneno" type="text"
maxlength="10"></td>
</tr>
<tr><td colspan="2"><input type="submit"
onclick="validate();"></td></tr>
</table>
</form>

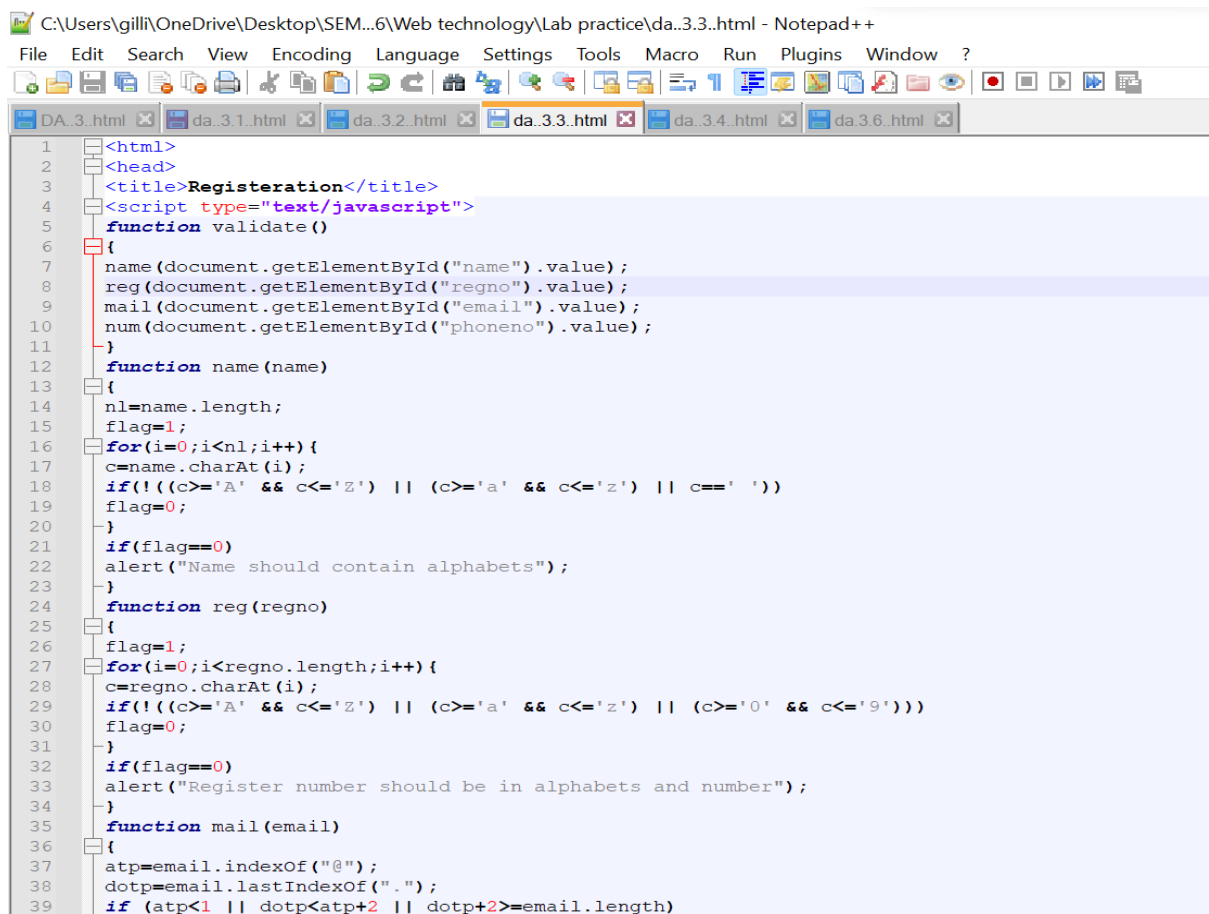
```

</center>

</body>

</html>

## INPUT:



The screenshot shows a Notepad++ window with the title "C:\Users\gilli\OneDrive\Desktop\SEM...6\Web technology\Lab practice\da..3.3..html - Notepad++". The window contains a JavaScript script for validating a registration form. The script defines three functions: validate(), name(), and reg(). The validate() function calls name(), reg(), mail(), and num() with the values of the form fields. The name() function checks if the name contains only alphabets. The reg() function checks if the registration number contains only alphabets and numbers. The mail() function checks if the email address is valid. The num() function checks if the phone number is valid. The script uses alert() to display error messages if the validation fails.

```
1 <html>
2 <head>
3 <title>Registration</title>
4 <script type="text/javascript">
5 function validate()
6 {
7     name(document.getElementById("name").value);
8     reg(document.getElementById("regno").value);
9     mail(document.getElementById("email").value);
10    num(document.getElementById("phoneno").value);
11 }
12 function name(name)
13 {
14     nl=name.length;
15     flag=1;
16     for(i=0;i<nl;i++){
17         c=name.charAt(i);
18         if(!((c>='A' && c<='Z') || (c>='a' && c<='z') || c==' '))
19             flag=0;
20     }
21     if(flag==0)
22         alert("Name should contain alphabets");
23 }
24 function reg(regno)
25 {
26     flag=1;
27     for(i=0;i<regno.length;i++){
28         c=regno.charAt(i);
29         if(!((c>='A' && c<='Z') || (c>='a' && c<='z') || (c>='0' && c<='9'))))
30             flag=0;
31     }
32     if(flag==0)
33         alert("Register number should be in alphabets and number");
34 }
35 function mail(email)
36 {
37     atp=email.indexOf("@");
38     dotp=email.lastIndexOf(".");
39     if (atp<1 || dotp<atp+2 || dotp+2>=email.length)
```

```

40     alert("Enter a valid E-mail ID");
41 }
42 function num(phoneno)
43 {
44     if(phno.length<10)
45         alert("Enter a valid phoneno");
46 }
47 function disable()
48 {
49     if(document.getElementById("check").checked)
50     {
51         document.getElementById("permadd").value=document.getElementById("te
52         mpadd").value;
53         document.getElementById("permadd").disabled=true;
54     }
55     else
56     {
57         document.getElementById("permadd").disabled=false;
58         document.getElementById("permadd").value="";
59     }
60 }
61 </script>
62 </head>
63 <body>
64 <center>
65 <form>
66 <table border="1" height="50" cellpadding="2">
67 <tr>
68 <th colspan="2"> STUDENT REGISTRATION FORM </th>
69 </tr>
70 <tr>
71 <td>Student Name:</td><td><input name="name" id="name" type="text"
72 maxlength="30"></td>
73 </tr>
74 <tr>
75 <td>Register Number:</td><td><input id="regno" type="text"></td>
76 </tr>
77 <tr>
78 <td>Date of Birth:</td><td><input id="dob" type="text"></td>

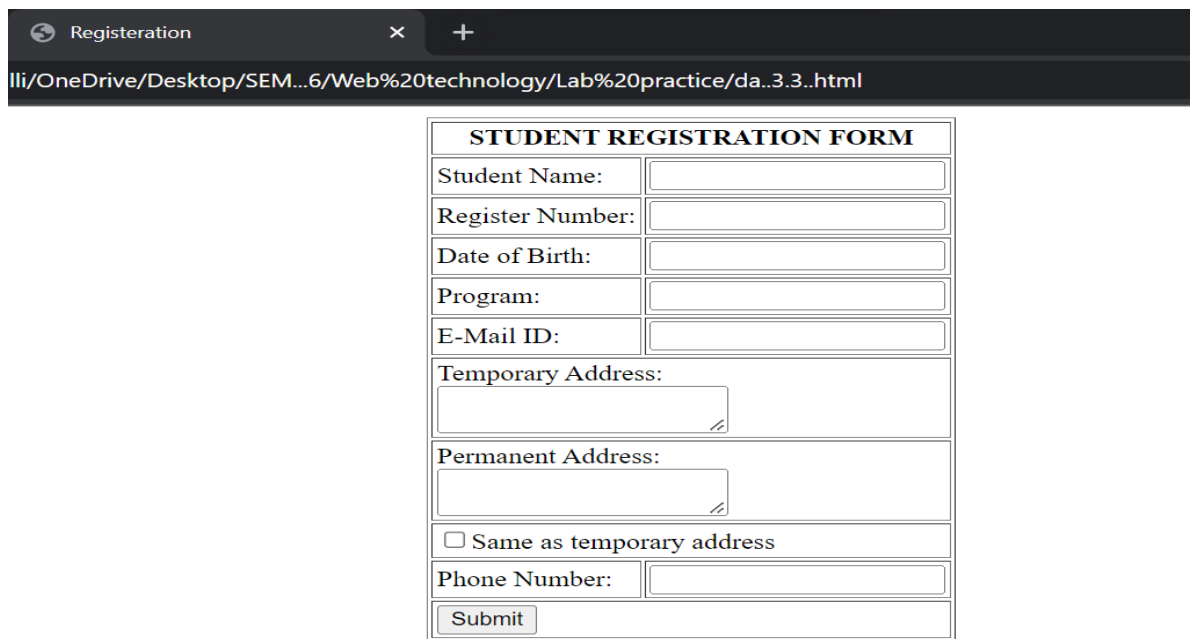
```

```

40     alert("Enter a valid E-mail ID");
41 }
42 function num(phoneno)
43 {
44     if(phno.length<10)
45     alert("Enter a valid phoneno");
46 }
47 function disable()
48 {
49     if(document.getElementById("check").checked)
50     {
51         document.getElementById("permadd").value=document.getElementById("tempadd").value;
52         document.getElementById("permadd").disabled=true;
53     }
54     else
55     {
56         document.getElementById("permadd").disabled=false;
57         document.getElementById("permadd").value="";
58     }
59 }
60 }
61 </script>
62 </head>
63 <body>
64 <center>
65 <form>
66 <table border="1" height="50" cellpadding="2">
67 <tr>
68 <th colspan="2"> STUDENT REGISTRATION FORM </th>
69 </tr>
70 <tr>
71 <td>Student Name:</td><td><input name="name" id="name" type="text"
72 maxlength="30"></td>
73 </tr>
74 <tr>
75 <td>Register Number:</td><td><input id="regno" type="text"></td>
76 </tr>
77 <tr>
78 <td>Date of Birth:</td><td><input id="dob" type="text"></td>
79 </tr>
80 <tr>
81 <td>Program:</td><td><input id="prog" type="text"></td>
82 </tr>
83 <tr>
84 <td>E-Mail ID:</td><td><input id="email" type="text"></td>
85 </tr>
86 <tr>
87 <td colspan="2">Temporary Address:<br><textarea id="tempadd"
88 ></textarea></td>
89 </tr>
90 <tr>
91 <td colspan="2">Permanent Address:<br><textarea id="permadd"
92 ></textarea></td>
93 </tr>
94 <tr>
95 <td colspan="2"><input id="check" type="checkbox"
96 onclick="disable();">Same as temporary address</td>
97 </tr>
98 <tr>
99 <td>Phone Number:</td><td><input id="phoneno" type="text"
100 maxlength="10"></td>
101 </tr>
102 <tr><td colspan="2"><input type="submit" onclick="validate();"></td></tr>
103 </form>
104 </center>
105 </body>
106 </html>

```

## **OUTPUT:**



The screenshot shows a web browser window with a single tab titled 'Registration'. The address bar displays the file path: 'lli/OneDrive/Desktop/SEM...6/Web%20technology/Lab%20practice/da..3.3..html'. The main content area contains a form titled 'STUDENT REGISTRATION FORM'. The form fields are as follows:

STUDENT REGISTRATION FORM	
Student Name:	<input type="text"/>
Register Number:	<input type="text"/>
Date of Birth:	<input type="text"/>
Program:	<input type="text"/>
E-Mail ID:	<input type="text"/>
Temporary Address: <input type="text"/>	
Permanent Address: <input type="text"/>	
<input type="checkbox"/> Same as temporary address	
Phone Number:	<input type="text"/>
<input type="button" value="Submit"/>	

5.

i)BSNL has designed a grievance registration form in HTML with name of customer, address, telecom circle, email and grievance nature in a list box containing huge bills for limited mobile usage, roaming charges and frequent service disruption and a submit button.

ii) Write a Javascript DOM event to be enabled when the user submits the form and display the complaint details in a tabular format.

iii) If no grievance is selected, then invoke another DOM event to display “No grievances”.

## **HTML CODE:**

```
<html>
```

```
<head>
```

```
<title>Kathir</title>
```

```
</head>
```

```
<body>
```

```

<form>
<table align="center" border="3" >
<th colspan="7" >GRIEVANCE REGISTRATION FORM </th>
<tr>
<td>Customer Name</td>
<td><input type="text" name="text" maxlength="9"></td>
</tr>
<tr>
<Td COLSPAN="2">Customer Address</br>
<TEXTAREA      ROW="5"      COLS="50"      NAME="
ADDRESS"></TEXTAREA>
</TD>
</TR>
<tr>
<td>Telecom circle</td>
<td><input      type="text"      TELCOME      CIRCLE="text"
maxlength="9"></td>
</td>
</tr>
<TR >
<TD>e-mail Id</TD>
<td><input      type="text"      e-MAIL      ID      ="text"
maxlength="20">@gmail.com</td>
</TR>
<tr>
<td>Grievance Nature</td>

```



```

<td>
<select name="NATURE" value="default">
<option name="BILLS FOR LIMITED MOBILE USAGE">BILLS
FOR LIMITED
MOBILE CHARGES</option>
<option      name="ROAMING      CHARGES">ROAMING
CHARGES</option>
<OPTION      NAME="FREQUENT      SERVICE
DISTRIBUTION">FREQUENT SERVICE
DISTRIBUTION</OPTION>
</select>
</td>
</tr>
<TR>
<td colspan="2"><INPUT TYPE="SUBMIT" NAME="COMPLETE"
VALUE="COMPLETED"/>
</TR>
</table>
</form>
</body>
</html>

```

**INPUT:**

```

1 <html>
2 <head>
3 <title>Kathir</title>
4 </head>
5 <body>
6 <form>
7 <table align="center" border="3" >
8 <th colspan="7" >GRIEVANCE REGISTRATION FORM </th>
9 <tr>
10 <td>Customer Name</td>
11 <td><input type="text" name="text" maxlength="9"></td>
12 </tr>
13 <tr>
14 <td colspan="2">Customer Address<br>
15 <TEXTAREA ROW="5" COLS="50" NAME=" ADDRESS"></TEXTAREA>
16 </td>
17 </tr>
18 <tr>
19 <td>Telecom circle</td>
20 <td><input type="text" TELCOME CIRCLE="text" maxlength="9"></td>
21 </tr>
22 <tr>
23 <td>e-mail Id</td>
24 <td><input type="text" e-MAIL ID ="text" maxlength="20">@gmail.com</td>
25 </tr>
26 <tr>
27 <td>Grievance Nature</td>
28 <td>
29 <select name="NATURE" value="default">
30 <option name="BILLS FOR LIMITED MOBILE USAGE">BILLS FOR LIMITED
31 MOBILE CHARGES</option>
32 <option name="ROAMING CHARGES">ROAMING CHARGES</option>
33 <option NAME="FREQUENT SERVICE DISTRIBUTION">FREQUENT SERVICE
34 DISTRIBUTION</option>
35 </select>
36 </td>
37 </tr>
38 <tr>
39 <td colspan="2"><input type="submit" name="COMPLETE"
40 VALUE="COMPLETED"/>
41 </td>
42 </tr>
43 </table>
44 </form>
45 </body>
46 </html>

```

## OUTPUT:

Kathir

Kathir

File | C:/Users/gilli/OneDrive/Desktop/SEM...6/Web%20technology/Lab%20practice/da..3.4..html

GRIEVANCE REGISTRATION FORM	
Customer Name	<input type="text"/>
Customer Address	<input type="text"/>
Telecom circle	<input type="text"/>
e-mail Id	<input type="text"/> @gmail.com
Grievance Nature	<div> <div>BILLS FOR LIMITED MOBILE CHARGES</div> <div></div> </div>
<div>COMPLETED</div>	

6. Develop an online Railway Reservation application.

i) It has top frame with the name “Online Railway Reservation System” in the middle, there is a logo/image in the left corner using suitable CSS styles and the left frame with the links for Ticket booking and availability checking; for each link the target should be the right frame.

ii) Create a Ticket Booking form which should have From and To in a text box, Train Names in a drop down box, Coach Number in a list box, Date in a date field, Timing in a text box, Passengers Male and female in a dropdown menu showing the count number and Submit and Reset button.

iii) Assume availability of tickets already declared in the script. Create a DOM event to display the ticket confirmation details on any HTML element when ticket is available otherwise display “tickets not available” by invoking any other DOM event.

### **HTML CODE:**

main.html:

```
<html>

<head>

<title> railway registration</title>

</head>

<frameset rows="10%,*">

<frame src="online.html"/>

<frameset cols="10%,*"/>

<frame src="left.html" name="left"/>

<frame src="right.html" name="right"/>

</frameset>

</frameset>
```

```
</html>
```

right.html:

```
<html>
```

```
<head>
```

```
<title> right frame</title>
```

```
<style>
```

```
body{
```

```
background-image:url("http://www.tmr.qld.gov.au/-
```

```
/media/Projects/N/New-Generation-
```

```
Rollingstock/rollout/train_side.jpg?la=en"); background-size:cover;
```

```
}
```

```
</style>
```

```
</head>
```

```
<body>
```

```
</body>
```

```
</html>
```

left.html:

```
<html>
```

```
<head>
```

```
<title> left frame</title>
```

```
</head>
```

```
<body>
```

```
<a href="ticketbooking.html" target="right"> Book Ticket </a><br/>
```

```
<a href="checkavailability.html" target="right"> Check Availability
```

```
</a><br/>
```

```
</body>
```

```
</html>
```

online.html:

```
<html>
```

```
<div>
```

```
<image src="C:\Users\deepi\Downloads\logo.jpg" height="50"
width="50"/>
```

```
<center>
```

```
<h1> ONLINE RAILWAY RESERVATION BOOKING </h1>
```

```
</div>
```

```
</html>
```

ticketbooking.html:

```
<html>
```

```
<head>
```

```
<title> tic booking </title>
```

```
<style> th,td { font-size:25px;
}
```

```
</style> <script> function fun1(){
```

```
var x=document.getElementById("from1").value; var
```

```
y=document.getElementById("to1").value; var
```

```
z=document.getElementById("passenger").value; if(z=="") {
```

```
alert("enter number of passengers"); return false;
```

```
}
```

```
if(z>0&& z<=5)
```

```
{
```

```
document.getElementById("a").innerHTML="your ticket from "+x+"
to "+y+"
confirmed. ";
} else {
alert("tickets not available" );
}}
</script>
</head>
<body>
<form>
<table border="1" align="center" cellpadding="10" cellspacing="5" >
<tr>
<td>From</td>
<td><input type="text" id="from1" required /></td>
</tr>
<tr>
<td>To</td>
<td><input type="text" id="to1" required /></td>
</tr>
<tr>
<td>Train Name</td>
<td>
<Select name="dropdown" required>
<option value="sabari" >SABARI</option>
<option value="venkatadri">CHENNAI</option>
```

```

<option                                     value="narayanadri"
>BANGALORE</option></select></td>

</tr>

<tr>

<td>Couch Number</td>

<td>

<Select required>

<option value="s1" > S1 </option>

<option value="s2"> S2</option>

<option value="s3" > S3 </option></select></td>

</tr>

<tr>

<td>Date</td>

<td><input type="Date" name="Date" required /></td>

</tr>

<tr>

<td>Timing</td>

<td><input type="text" name="Timming" required /></td>

</tr>

<tr>

<td>Gender</td>

<td>

<Select name="dropdown" required >

<option value="male" > Male </option>

<option value="female"> Female </option>

```

```

</select></td>
</tr>
<tr>
<td>No of passenger</td>
<td><input type="text" id="passenger" required /></td>
</tr>
<tr align="center">
<td colspan="2">
<input type="submit" name="Submit" value="submit"/>
<input type="reset" name="Reset" value="reset"/>
</td>
</tr>
</table>
</form>
<button onclick="fun1()" style="margin-left:650px"
>Confirm</button><br/><br/>
<p id="a"></p>
</body>
</html>
checkavailability.html:
<html>
<head>
<title>frame</title>
</head>
<body>

```



` <p>`

To check the availability of train please select the train name and number of

passengers in `<a`

`href="ticketbooking.html"> Ticket booking</a></p>`

`</body>`

`</html>`

## INPUT:

```
C:\Users\gilli\OneDrive\Desktop\SEM...6\Web technology\Lab practice\da.3.6..html - Notepad++
File Edit Search View Encoding Language Settings Tools Macro Run Plugins Window ?
DA.3.html da.3.1.html da.3.2.html da.3.3.html da.3.4.html da.3.6.html
1  main.html:
2  <html>
3  <head>
4  <title> railway registration</title>
5  </head>
6  <frameset rows="10%,*">
7  <frame src="online.html"/>
8  <frameset cols="10%,*">
9  <frame src="left.html" name="left"/>
10 <frame src="right.html" name="right"/>
11 </frameset>
12 </frameset>
13 </html>
14  right.html:
15 <html>
16 <head>
17 <title> right frame</title>
18 <style>
19 body{
20 background-image:url("http://www.tmr.qld.gov.au/-
21 /media/Projects/N/New-Generation-Rollingstock/rollout/trainSide.jpg?la=en"); background-size:cover;
22 }
23 </style>
24 </head>
25 <body>
26 </body>
27 </html>
28  left.html:
29 <html>
30 <head>
31 <title> left frame</title>
32 </head>
33 <body>
34 <a href="ticketbooking.html" target="right"> Book Ticket </a><br/>
35 <a href="checkavailability.html" target="right"> Check Availability </a><br/>
36 </body>
37 </html>
38  online.html:
39 <html>
```

```

40 <div>
41 
42 <center>
43 <h1> ONLINE RAILWAY RESERVATION BOOKING </h1>
44 </div>
45 </html>
46 ticketbooking.html:
47 <html>
48 <head>
49 <title> tic booking </title>
50 <style> th,td { font-size:25px;
51 }
52 </style> <script> function fun1(){
53 var x=document.getElementById("from1").value; var
54 y=document.getElementById("to1").value; var
55 z=document.getElementById("passenger").value; if(z=="") {
56 alert("enter number of passengers"); return false;
57 }
58 if(z>0&&z<=5)
59 {
60 document.getElementById("a").innerHTML="your ticket from "+x+" to "+y+"
61 confirmed. ";
62 } else {
63 alert("tickets not available" );
64 }}
65 </script>
66 </head>
67 <body>
68 <form>
69 <table border="1" align="center" cellpadding="10" cellspacing="5" >
70 <tr>
71 <td>From</td>
72 <td><input type="text" id="from1" required /></td>
73 </tr>
74 <tr>
75 <td>To</td>
76 <td><input type="text" id="to1" required /></td>
77 </tr>
78 <tr>

```

```

79     <td>Train Name</td>
80     <td>
81     <Select name="dropdown" required>
82     <option value="sabari" >SABARI</option>
83     <option value="venkatadri">CHENNAI</option>
84     <option value="narayanadri" >BANGALORE</option></select></td>
85     </tr>
86     <tr>
87     <td>Couch Number</td>
88     <td>
89     <Select required>
90     <option value="s1" > S1 </option>
91     <option value="s2"> S2</option>
92     <option value="s3" > S3 </option></select></td>
93     </tr>
94     <tr>
95     <td>Date</td>
96     <td><input type="Date" name="Date" required /></td>
97     </tr>
98     <tr>
99     <td>Timing</td>
100    <td><input type="text" name="Timing" required /></td>
101    </tr>
102    <tr>
103    <td>Gender</td>
104    <td>
105    <Select name="dropdown" required >
106    <option value="male" > Male </option>
107    <option value="female"> Female </option>
108    </select></td>
109    </tr>
110    <tr>
111    <td>No of passenger</td>
112    <td><input type="text" id="passenger" required /></td>
113    </tr>
114    <tr align="center">
115    <td colspan="2">
116    <input type="submit" name="Submit" value="submit"/>
117    <input type="reset" name="Reset" value="reset"/>
118    </td>
119    </tr>
120    </table>
121    </form>
122    <button onclick="fun1()" style="margin-left:650px">
123    <Confirm</button><br/><br/>
124    <p id="a"></p>
125    </body>
126    </html>
127    checkavailability.html:
128    <html>
129    <head>
130    <title>frame</title>
131    </head>
132    <body>
133    <img src= "C:\Users\deepi\Downloads\logo.jpg"width="50px" height="50px"
134    style="float:left;"/> <p>
135    To check the availability of train please select the train name and number of
136    passengers in <a
137    href="ticketbooking.html"> Ticket booking</a></p>
138    </body>
139    </html>

```

## OUTPUT:

### MAIN PAGE:



### TICKET BOOKING:

The screenshot shows the 'TICKET BOOKING' form on the 'ONLINE RAILWAY RESERVATION BOOKING' page. The browser's address bar shows 'File | D:\main.html'. The page has a header with the title 'ONLINE RAILWAY RESERVATION BOOKING' and two links on the left: 'Book Ticket' and 'Check Availability'. The booking form is a table with the following fields:

From	<input type="text"/>
To	<input type="text"/>
Train Name	<input type="text" value="SABARI"/>
Couch Number	<input type="text" value="81"/>
Date	<input type="text" value="mm/dd/yyyy"/>
Timing	<input type="text"/>
Gender	<input type="text" value="Male"/>
No of passenger	<input type="text"/>
<input type="button" value="submit"/> <input type="button" value="reset"/>	
<input type="button" value="Confirm"/>	

## CHECK AVAILABILITY:

