

Write a JavaScript that calculates the squares and cubes of the numbers from 0 to 10 and outputs HTML text that displays the resulting values in an HTML table format.

Challenge:

1. Change the look of the output to challenge.html
2. Blinking of text in your output.
3. Test cases as given in the PDF file.

HTML CODE:

```
<!DOCTYPE html>
<html>
<head>
<style>
table, th, td {
    border: 2px solid black;
    border-collapse: collapse;
    background-color : lightblue;
}
th, td {
    padding: 2px;
}
</style>
</head>
<body>
<center><table border="1" width="45%"></center><br>
<center><table align="center" border=1></center>
<table>
<center><table border="1" width="35%"></center><br>
<thead><tr><td colspan="3"><b><center>NUMBERS FROM 0 TO 10 WITH THIER
SQUARES AND CUBES</center></b></td></tr></thead>
<b><tr><td><b><center>Number</center></b></td><td><b><center>Square</center></
b></td><td><b><center>Cube</center></b></td></tr></b>
<script type="text/javascript">
for(var n=0; n<=10; n++)
{
document.write( "<tr><td><center>" + n + "</center></td><td><center>" + n*n +
"</center></td><td><center>" + n*n*n
+ "</center></td></tr>" );
function JavaBlink() {
    var blinks = document.getElementsByTagName('JavaBlink');
    for (var i = blinks.length - 1; i >= 0; i--) {
        var s = blinks[i];
```

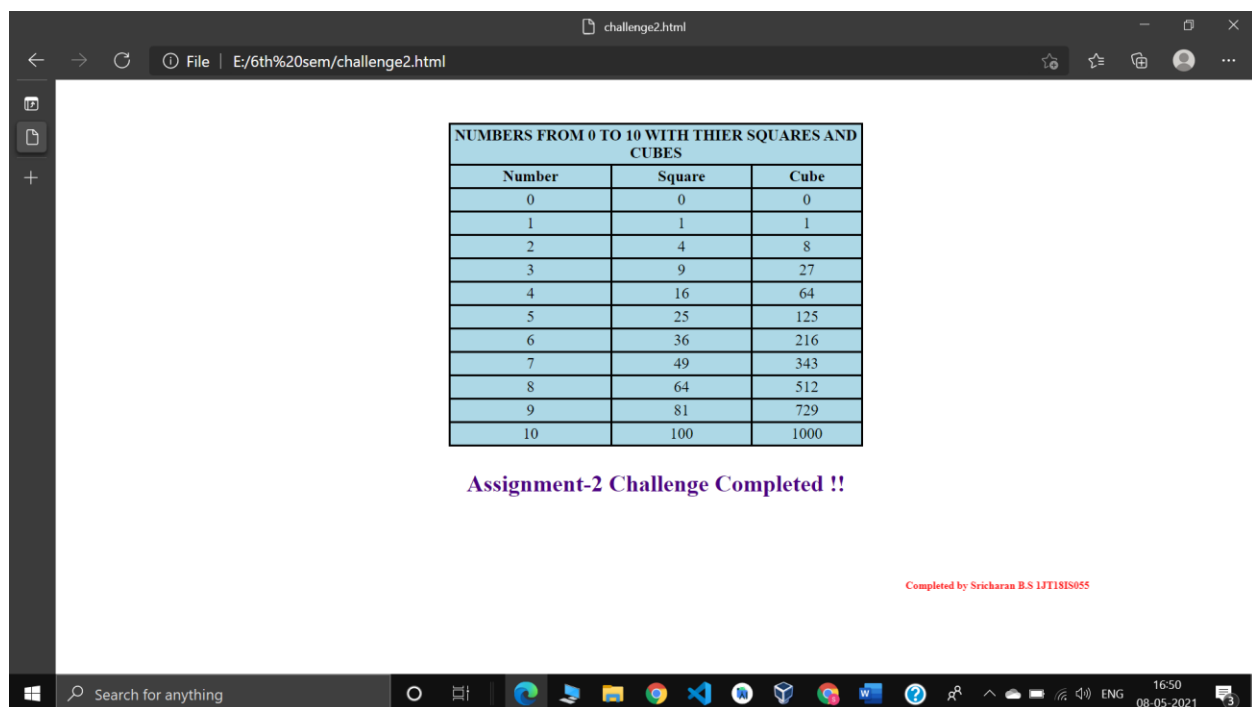
```

        s.style.visibility = (s.style.visibility === 'visible') ? 'hidden' : 'visible';
    }
    window.setTimeout(JavaBlink, 500);

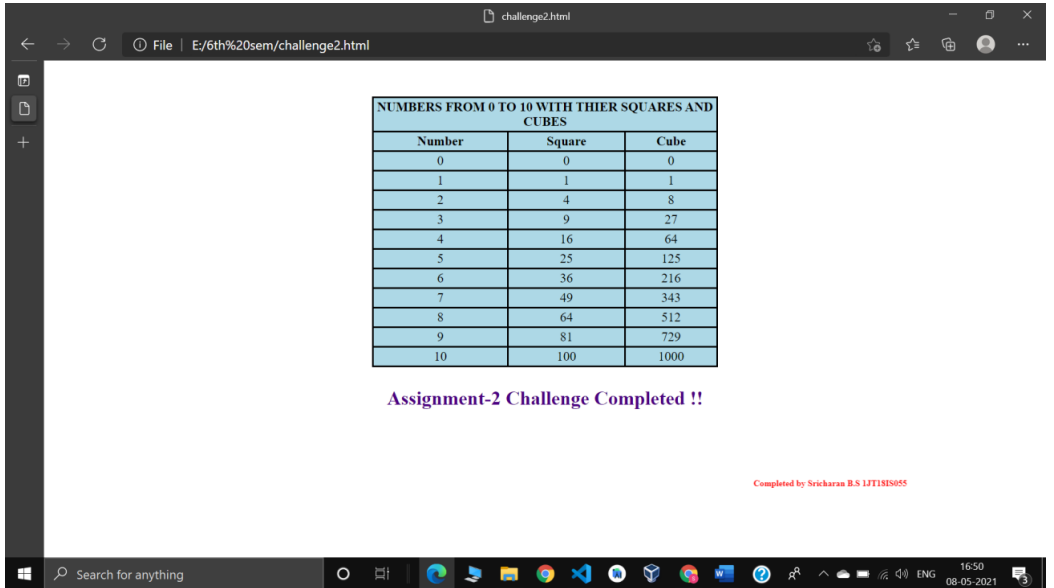
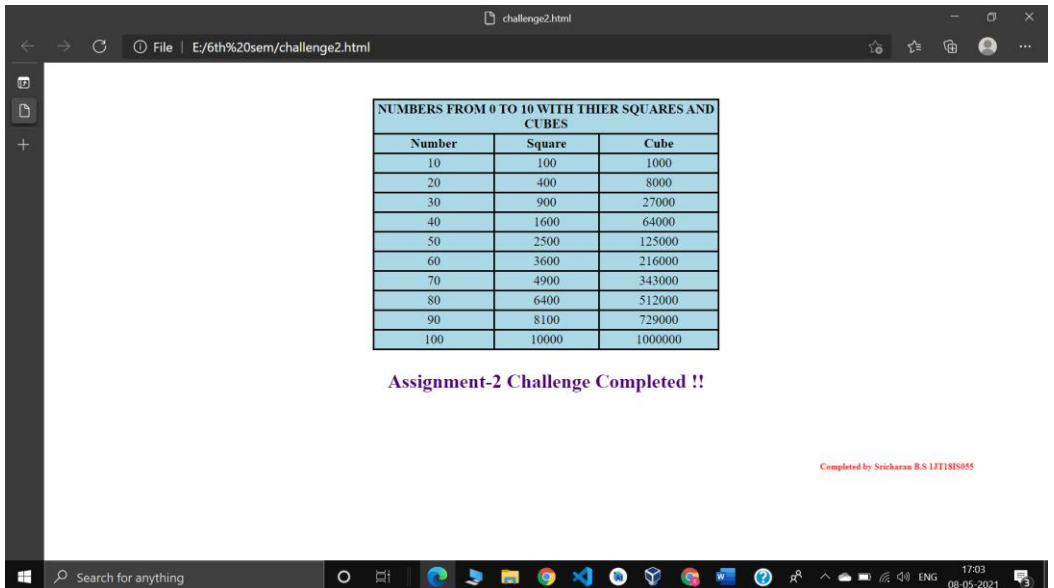
}
if (document.addEventListener) document.addEventListener("DOMContentLoaded",
JavaBlink, false);
else if (window.addEventListener) window.addEventListener("load", JavaBlink, false);
else if (window.attachEvent) window.attachEvent("onload", JavaBlink);
else window.onload = JavaBlink;
}
</script>
</table>
<JavaBlink><h2><p style="color:indigo;">Assignment-2 Challenge Completed
!!</p></h3></JavaBlink><br><br>
<marquee><h6><p style="color:red">Completed by Sricharan B.S
1JT18IS055</p></h6></marquee>
</body>
</html>

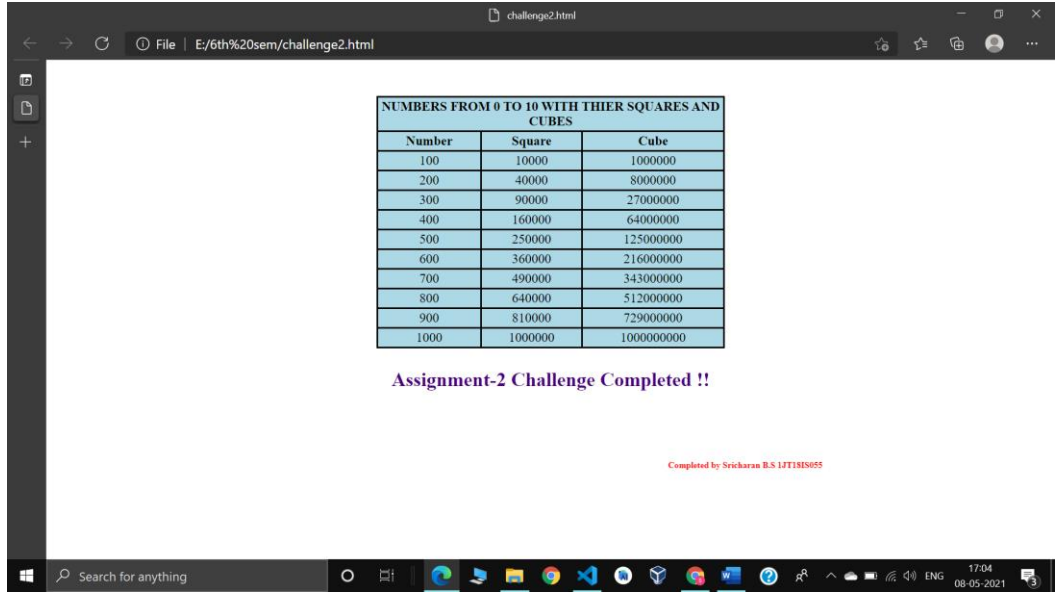
```

Screenshot of the output :



Test Cases for challenge:

Test	No. Input Parameters	Output image																																				
1	i=0 to 10, increment of i+1	 <p>NUMBERS FROM 0 TO 10 WITH THIER SQUARES AND CUBES</p> <table border="1"> <thead> <tr> <th>Number</th><th>Square</th><th>Cube</th></tr> </thead> <tbody> <tr><td>0</td><td>0</td><td>0</td></tr> <tr><td>1</td><td>1</td><td>1</td></tr> <tr><td>2</td><td>4</td><td>8</td></tr> <tr><td>3</td><td>9</td><td>27</td></tr> <tr><td>4</td><td>16</td><td>64</td></tr> <tr><td>5</td><td>25</td><td>125</td></tr> <tr><td>6</td><td>36</td><td>216</td></tr> <tr><td>7</td><td>49</td><td>343</td></tr> <tr><td>8</td><td>64</td><td>512</td></tr> <tr><td>9</td><td>81</td><td>729</td></tr> <tr><td>10</td><td>100</td><td>1000</td></tr> </tbody> </table> <p>Assignment-2 Challenge Completed !!</p> <p>Completed by Srisharan B.S 1JT18IS055</p>	Number	Square	Cube	0	0	0	1	1	1	2	4	8	3	9	27	4	16	64	5	25	125	6	36	216	7	49	343	8	64	512	9	81	729	10	100	1000
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3	$i=100$ to 1000, increment of $i+100$	 <p>The screenshot shows a web browser window with the address bar displaying 'challenge2.html'. The main content area contains a table titled 'NUMBERS FROM 0 TO 10 WITH THIER SQUARES AND CUBES'. The table has three columns: 'Number', 'Square', and 'Cube'. The data rows show values from 100 to 1000 in increments of 100. Below the table, the text 'Assignment-2 Challenge Completed !!' is displayed in purple. At the bottom right, a small red text says 'Completed by Sritharan B.S 1JT18IS055'. The Windows taskbar is visible at the bottom of the browser window.</p> <table border="1"><thead><tr><th>Number</th><th>Square</th><th>Cube</th></tr></thead><tbody><tr><td>100</td><td>10000</td><td>1000000</td></tr><tr><td>200</td><td>40000</td><td>8000000</td></tr><tr><td>300</td><td>90000</td><td>27000000</td></tr><tr><td>400</td><td>160000</td><td>64000000</td></tr><tr><td>500</td><td>250000</td><td>125000000</td></tr><tr><td>600</td><td>360000</td><td>216000000</td></tr><tr><td>700</td><td>490000</td><td>343000000</td></tr><tr><td>800</td><td>640000</td><td>512000000</td></tr><tr><td>900</td><td>810000</td><td>729000000</td></tr><tr><td>1000</td><td>1000000</td><td>1000000000</td></tr></tbody></table> <p>Assignment-2 Challenge Completed !!</p> <p>Completed by Sritharan B.S 1JT18IS055</p>	Number	Square	Cube	100	10000	1000000	200	40000	8000000	300	90000	27000000	400	160000	64000000	500	250000	125000000	600	360000	216000000	700	490000	343000000	800	640000	512000000	900	810000	729000000	1000	1000000	1000000000
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