

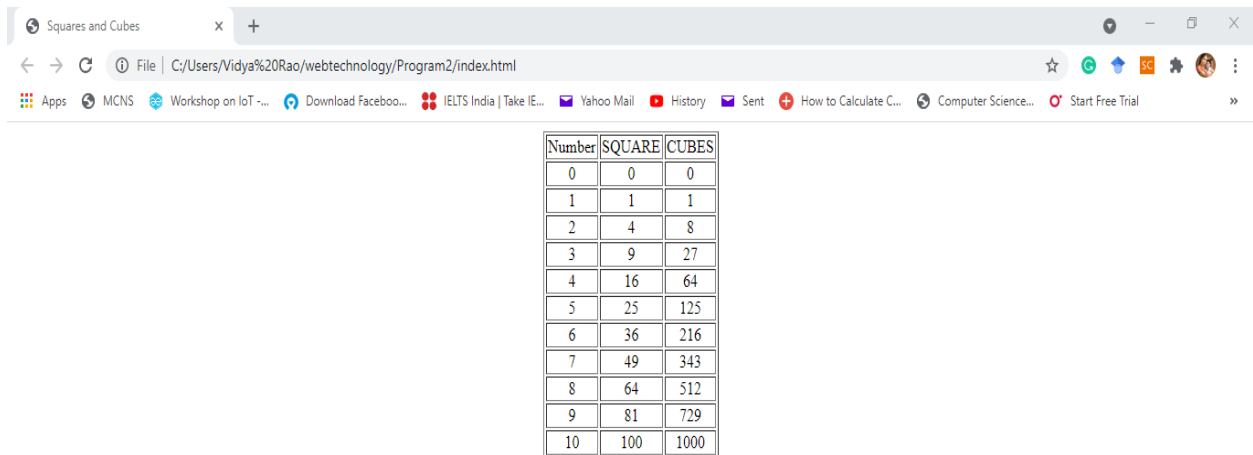
Program-1: Write a JavaScript that calculates the squares and cubes of the numbers from 0 to 10 and outputs HTML text that displays the resulting values in an HTML table format.

Steps:

1. Open a new folder with “**your-name_program2**” (**vidya_program1**)
2. Open a text editor or sublime text-3 file and save it as **program2.html** and **challenge2.html**
3. Type the below code and save it under **program2.html**.

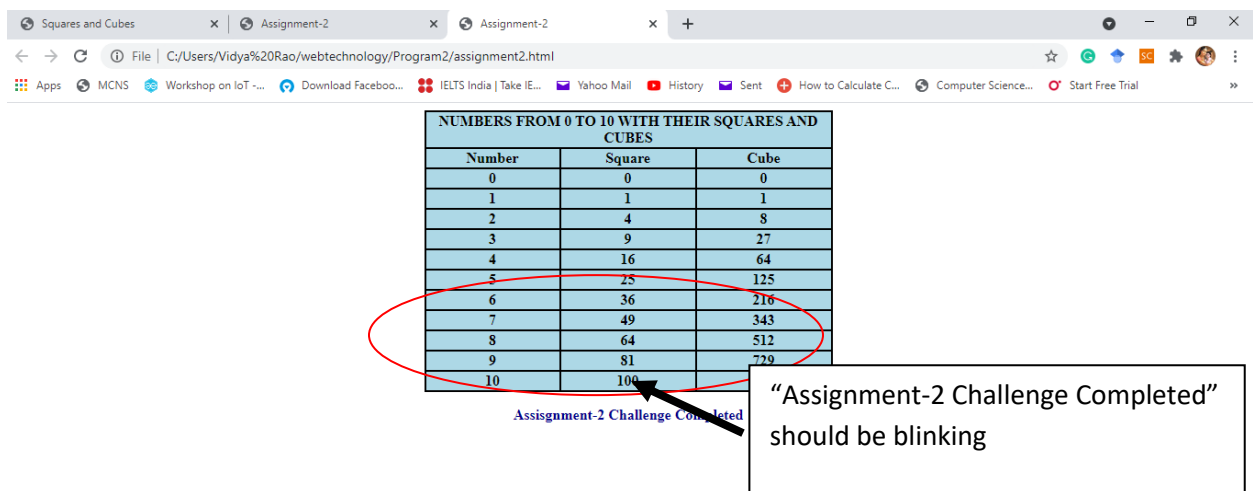
```
<!DOCTYPE html>
<html>
<head>
    <title>Squares and Cubes</title>
</head>
<body>
    <table border="1" align="center">
        <tr>
            <td>Number</td>
            <td>SQUARE</td>
            <td>CUBES</td>
        </tr>
        <script type="text/javascript">
            for(var i=0;i<=10;i++)
            {
                document.write("<tr align='center'><td>" + i + "</td><td>" + i*i
+ "</td><td>" + i*i*i + "</td></tr>")
            }
        </script>
    </table>
</body>
</html>
```

Output:



Number	SQUARE	CUBES
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

4. Your assignment should like below with various test cases.
- Output should be like below image (as shown in the class)
 - “Assignment-2 Challenge Completed” should be blinking.
 - Test case should be filled in as given in the below table.



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

Assignment-2 Challenge Completed

Test Cases for challenge:

Test No.	Input Parameters	Output image
1	i=0 to 10, increment of i+ 1	

2	i=10 to 100, increment of i+10	
3	i=100 to 1000, increment of i+100	

5. Submission of assignment.

- a. Save all your code and outputs under a word file and email-to : Google class.
- b. Push all your files into your GitHub account as explained in the class under the folder **“Program2”** and file name **“challenge2.html”**.
- c. Date of submission 11-05-2021(Tuesday), 10AM.