
Program-2: Write a JavaScript that calculates the squares and cubes of the numbers

Html

```
<!DOCTYPE html>
<html>
<head>
  <style>
    table{
      border: 5px solid;
      background-color:#C8FE2E;
      margin: auto;
    }
  .blink{
    margin:30px;
    background-color: #F5A9BC;
    padding: 25px;
    text-align: center;
    line-height: 100px;
  }
  span{
    font-size: 25px;
    color: black;
    animation: blink 1s linear infinite;
  }
  @keyframes blink{
```

```
        0%{opacity: 0;}
        70%{opacity: .5;}
        100%{opacity: 1;}
    }
</style>

<title>Squares and Cubes</title>
</head>
<body>
    <table border="2" align="center">
        <tr>
            <td colspan="3"><center>Squares and cubes</center></td>
        </tr>
        <tr>
            <td>. Number .</td>
            <td>. Square values .</td>
            <td>. Cubes .</td>
        </tr>
        <script type="text/javascript">
            for(var i=0; i<=10; i=i+1)
            {
                document.write("<tr align='center'><td>" + i + "</td><td>" + i*i
+ "</td><td>" + i*i*i + "</td></tr>")
            }
        </script>
    </table>
```

```
<center><div= class="blink"><span>Challenge 2
completed!!</span></div></center>

</body>

</html
```

Test no	Input values	Output images																																							
I.	i=0 to 10, increment of i+1	<table><tr><th colspan="3">Squares and cubes</th></tr><tr><th>Number</th><th>Square values</th><th>Cube values</th></tr><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></table> <div>Challenge Completed!!</div>	Squares and cubes			Number	Square values	Cube values	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
Squares and cubes																																									
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9	81	729																																							
10	100	1000																																							

2.

**i=10 to 100,
increment of
i+10**

Squares and cubes		
. Number .	. Square values .	. Cube values .
10	100	1000
20	400	8000
30	900	27000
40	1600	64000
50	2500	125000
60	3600	216000
70	4900	343000
80	6400	512000
90	8100	729000
100	10000	1000000

Challenge Completed!!

3.

**i=100 to
1000,
increment of
i+100**

Squares and cubes		
. Number .	. Square values .	. Cube values .
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

Challenge Completed!!

