Program-2: 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.

```
<!DOCTYPE HTML>

<html>

<head>

<style>

table,tr, td

{

border: solid black;

width: 33%;

text-align: center;

border-collapse: collapse;

background-color:rgb(173, 186, 230);

}

table { margin: auto; }

</style>

<script>

document.write("<table><tr><th colspan='3'>NUMBERS FROM 0 TO 10 WITH THEIR SQUARES AND CUBES </th></tr>");

document.write("<tr><td>Number</td><td>Square</td><td>Cube</td></tr>");

for(var n=0; n<=10; n++)

{

document.write( "<tr><td>" + n + "</td><td>" + n*n + "</td><td>" + n*n*n

+ "</td></tr>" ) ;

}

document.write( "</table>" ) ;

</script>

</head>

</html>
```
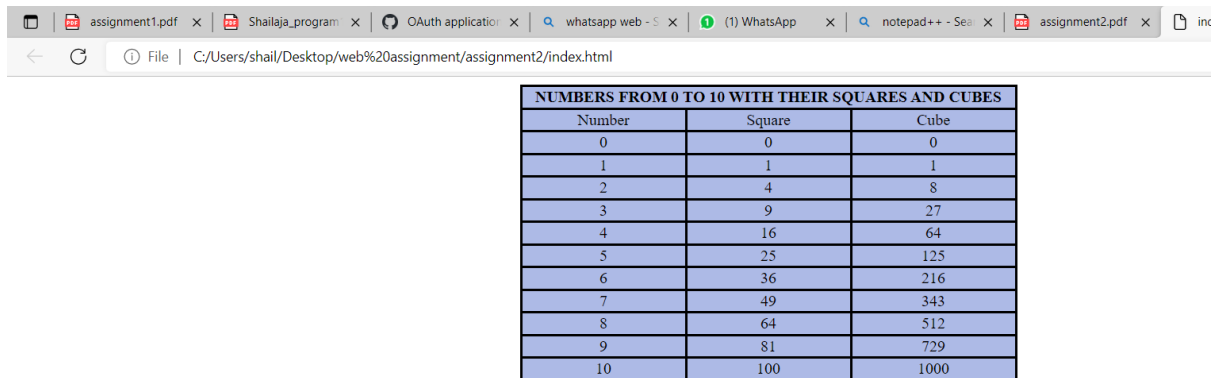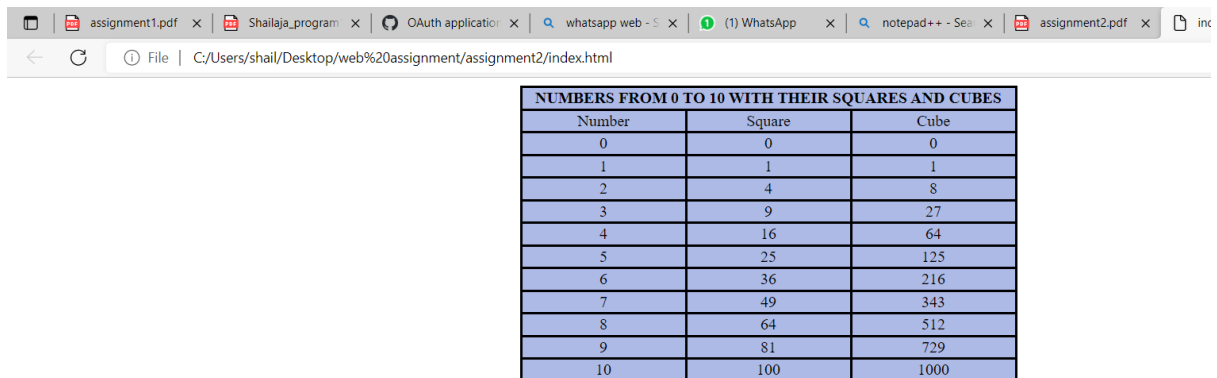
Output:

**NUMBERS FROM 0 TO 10 WITH THEIR SQUARES AND CUBES**

| 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 |
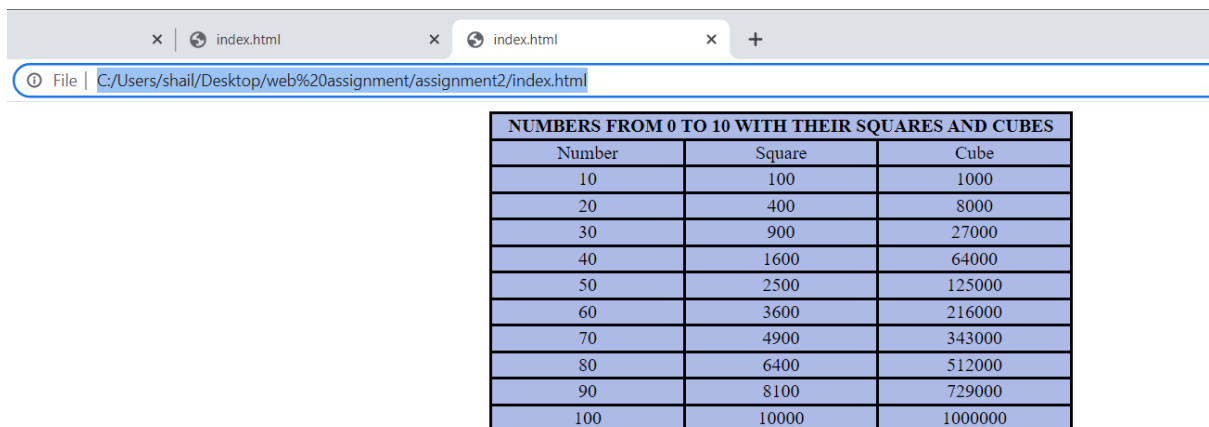
Test case 1 : value i=0 to 10, increment of i+1

**NUMBERS FROM 0 TO 10 WITH THEIR SQUARES AND CUBES**

| 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 |

Test case 2 : value i=10 to 100 , increment of i+10

**NUMBERS FROM 0 TO 10 WITH THEIR SQUARES AND CUBES**

| Number | Square | Cube |
|---|---|---|
| 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 |

Test case 3:  value i=100 to 1000, increment of i+100

| NUMBERS FROM 0 TO 10 WITH THEIR SQUARES AND CUBES | | |
|---|---|---|
| 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 |