

Module : 5 (jquery,basic ,effects and advance)

1) What is JQuery?

Ans:

jQuery is a lightweight, "write less, do more", JavaScript library.

The purpose of jQuery is to make it much easier to use JavaScript on your website.

jQuery takes a lot of common tasks that require many lines of JavaScript code to accomplish, and wraps them into methods that you can call with a single line of code.

jQuery also simplifies a lot of the complicated things from JavaScript, like AJAX calls and DOM manipulation.

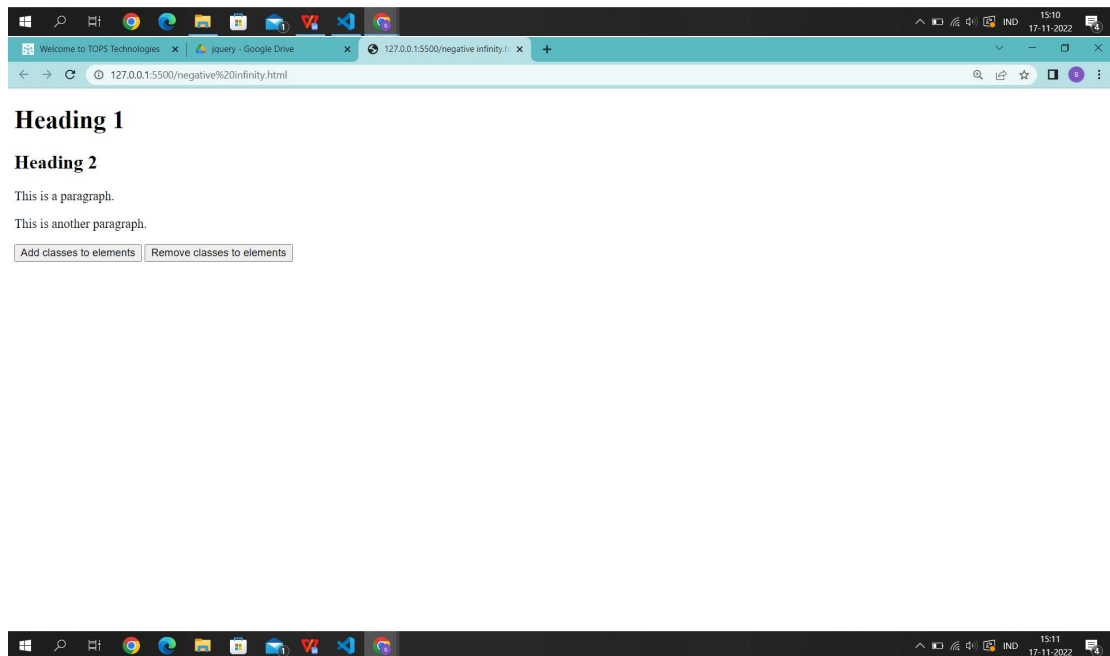
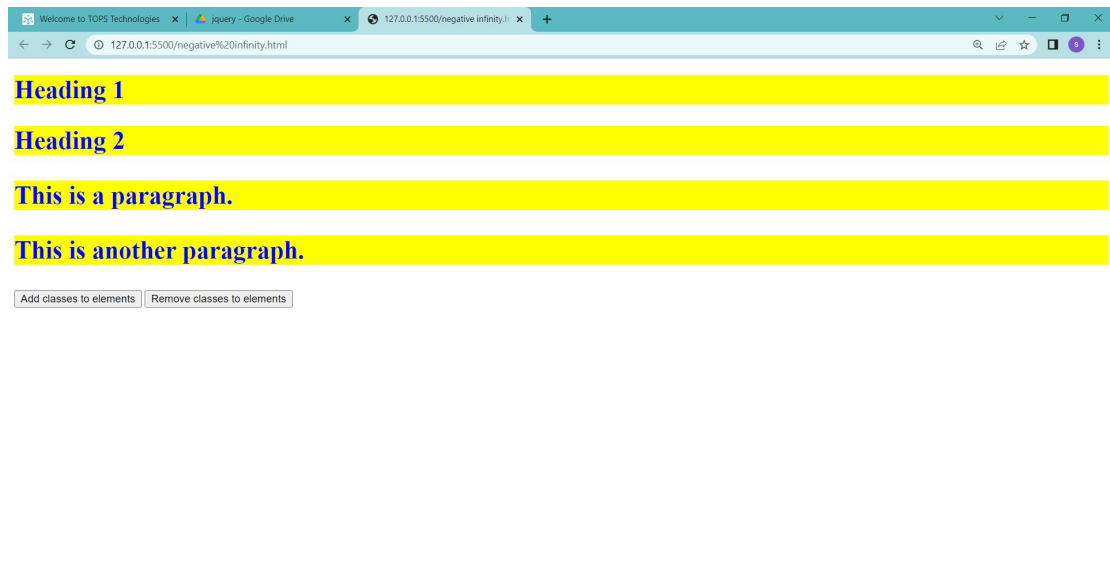
2) How to Apply CSS Using JQuery, How to Add Class and Remove Class in JQuery, JQuery Animation?

Ans:

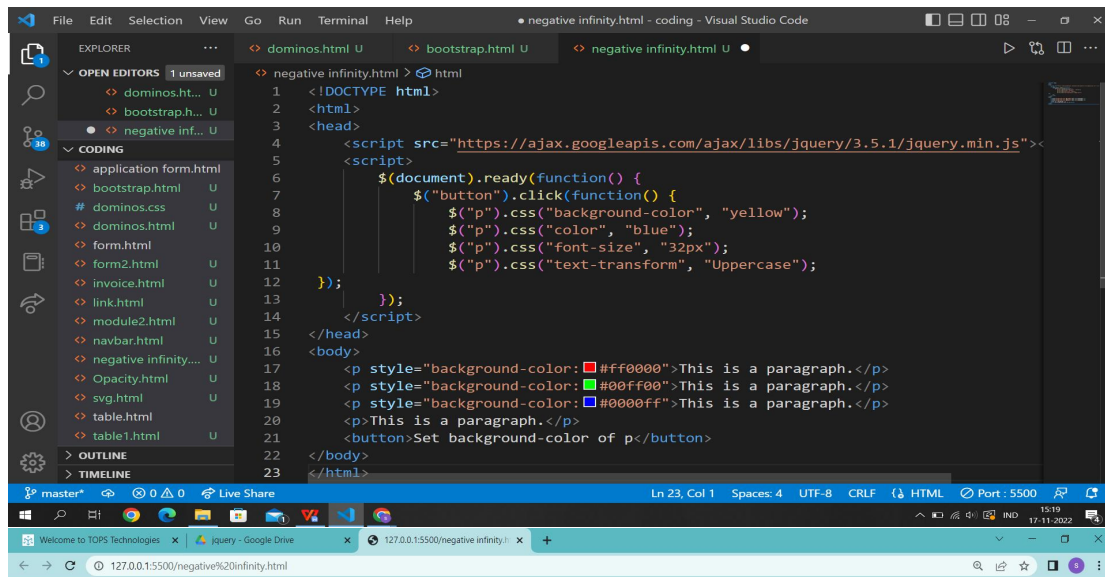
Add and remove class:

```
1 <!DOCTYPE html>
2 <html>
3 <head>
4   <script src="https://ajax.googleapis.com/ajax/libs/jquery/3.5.1/jquery.min.js"></script>
5   <script>
6     $(document).ready(function() {
7       $("#btn1").click(function() {
8         $("h1, h2, p").addClass("important blue");
9       });
10      $("#btn2").click(function() {
11        $("h1, h2, p").removeClass("important blue ");
12      });
13    });
14  </script>
15  <style>
16    .important {
17      font-weight: bold;
18      font-size: xx-large;
19      background-color: yellow;
20    }
21
22    .blue {
23      color: blue;
```

```
20
21
22    .blue {
23      color: blue;
24    }
25  </style>
26 </head>
27
28 <body>
29   <h1>Heading 1</h1>
30   <h2>Heading 2</h2>
31   <p>This is a paragraph.</p>
32   <p>This is another paragraph.</p>
33   <button id="btn1">Add classes to elements</button>
34   <button id="btn2">Remove classes to elements</button>
35 </body>
36 </html>
```



Applying css:



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THIS IS A PARAGRAPH.

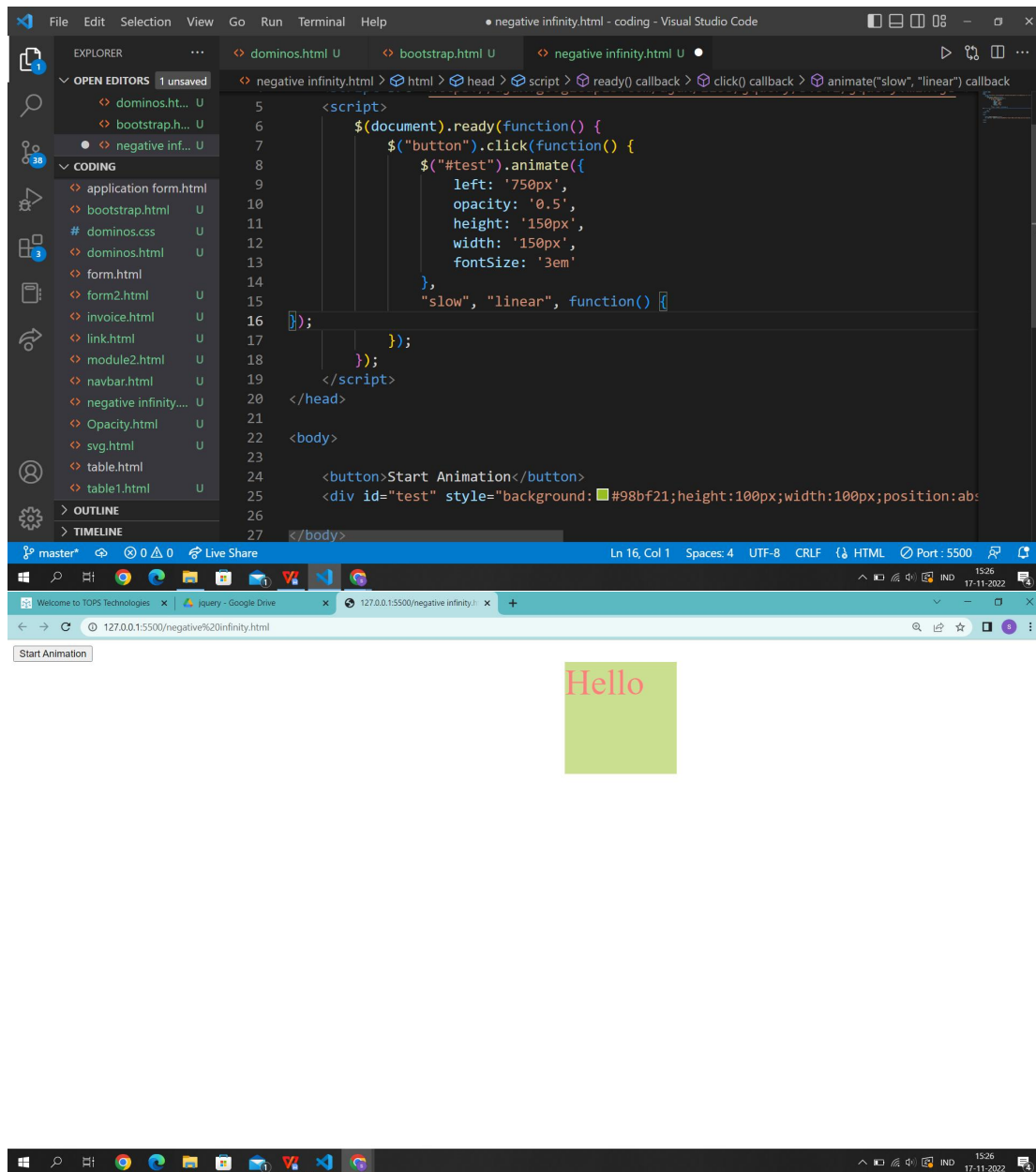
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Set background-color of p



Jquery animation:



3) How to create slider with animation?

Ans:

