```
1  <!DOCTYPE html>
2  <html>
3      <head>
4          <title>Page Title</title>
5      </head>
6      <body>
7          <script type="text/javascript">
8              x=3;
9              a=10;
10             b=20;
11             switch(x)
12                {
13                     case 1:
14                     document.write(a+b);
15                     break;
16                     case 2:
17                     document.write(a-b);
18                     break;
19                     case 3:
20                     document.write(a/b);
21                     break;
22                     default:
23                     document.write("Please select valid
   choice");
24                }
25          </script>
26      </body>
27  </html>
```
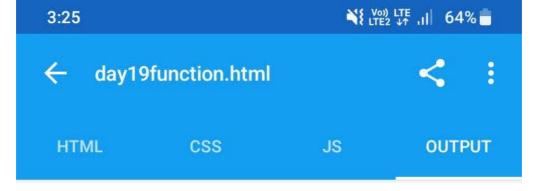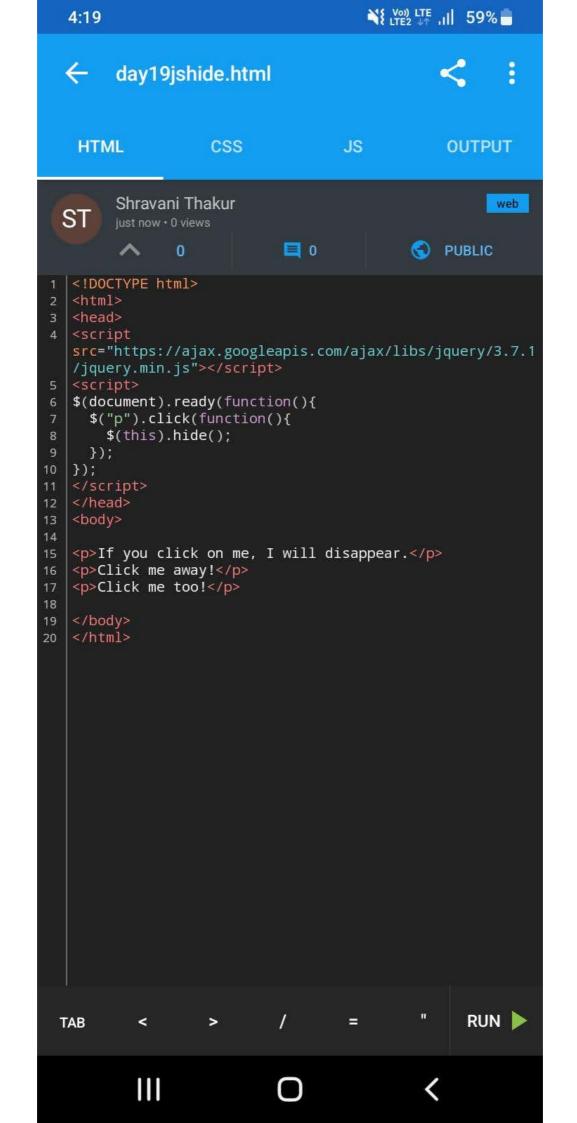
TAB   <   >   /   =   "   RUN ▶

0.5

```
1   <!DOCTYPE html>
2   <html>
3       <head>
4           <title>Page Title</title>
5       </head>
6       <body>
7           <script>
8               function myfunction(p1,p2)
9               {
10                  return p1 + p2;
11
12              }
13              let result=myfunction(4,3);
14              document.write(result);
15          </script>
16      </body>
17  </html>
```

TAB   <   >   /   =   "   RUN ▶

HTML CSS JS **OUTPUT**

7

HTML   CSS   JS   OUTPUT

```html
1  <!DOCTYPE html>
2  <html>
3      <head>
4          <title>Page Title</title>
5      </head>
6      <body>
7      Enter number
8      <input type="text" id="num1">
9      <button type="button" onclick="evenodd()">Button</button>
10
11      <script>
12          function evenodd()
13          {
14          p1=document.getElementById("num1").value;
15              if(p1%2==0)
16              {
17                  document.write(p1 + "is even");
18              }
19              else
20              {
21                  document.write(p1 + "is odd");
22              }
23          }
24
25      </script>
26      </body>
27  </html>
```

TAB   <   >   /   =   "   RUN ▶

Code Playground

HTML   CSS   JS   **OUTPUT**

Enter number [   ] [Button]

← **Code Playground**

HTML   CSS   JS   OUTPUT

25is odd

```
1  <!DOCTYPE html>
2  <html>
3  <head>
4  <script
   src="https://ajax.googleapis.com/ajax/libs/jquery/3.7.1
   /jquery.min.js"></script>
5  <script>
6  $(document).ready(function(){
7    $("p").click(function(){
8      $(this).hide();
9    });
10 });
11 </script>
12 </head>
13 <body>
14
15 <p>If you click on me, I will disappear.</p>
16 <p>Click me away!</p>
17 <p>Click me too!</p>
18
19 </body>
20 </html>
```

TAB   <   >   /   =   "   RUN ▶

If you click on me, I will disappear.

Click me away!

Click me too!

Click me away!

Click me too!

```
1   <!DOCTYPE html>
2   <html>
3   <head>
4   <script
    src="https://ajax.googleapis.com/ajax/libs/jquery/3.7.1
    /jquery.min.js"></script>
5   <script>
6   $(document).ready(function(){
7     $("button").click(function(){
8       $("p").hide();
9     });
10    $("#show").click(function(){
11        $("p").show();
12    });
13  });
14  </script>
15  </head>
16  <body>
17
18  <h2>This is a heading</h2>
19
20  <p>This is a paragraph.</p>
21  <p>This is another paragraph.</p>
22
23  <button id="hide">Click me to hide paragraphs</button>
24  <button id="show">Click me to show paragraphs</button>
25
26  </body>
27  </html>
```

TAB   <   >   /   =   "   RUN

This is a heading

| Click me to hide paragraphs | Click me to show paragraphs |

This is a heading

This is a paragraph.

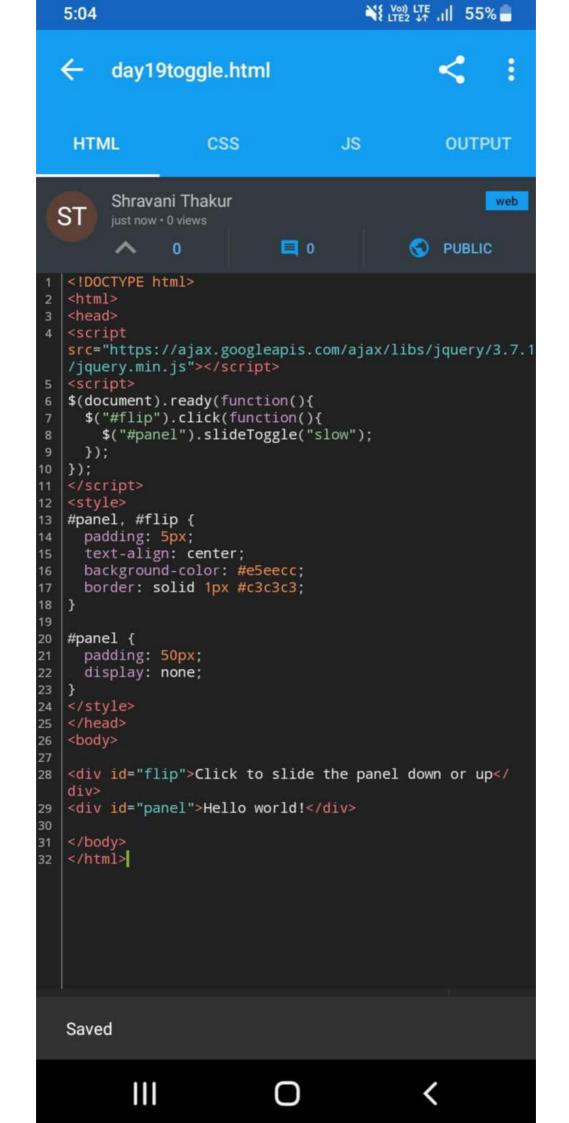This is another paragraph.

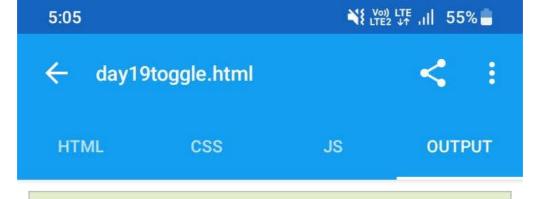Click me to hide paragraphs   Click me to show paragraphs

HTML   CSS   JS   OUTPUT

```
1  <!DOCTYPE html>
2  <html>
3  <head>
4  <script
   src="https://ajax.googleapis.com/ajax/libs/jquery/3.7.1
   /jquery.min.js"></script>
5  <script>
6  $(document).ready(function(){
7    $("button").click(function(){
8      $("#div1").fadeIn();
9      $("#div2").fadeIn("slow");
10     $("#div3").fadeIn(3000);
11   });
12 });
13 </script>
14 </head>
15 <body>
16
17 <p>Demonstrate fadeIn() with different parameters.</p>
18
19 <button>Click to fade in boxes</button><br><br>
20
21 <div id="div1"
   style="width:80px;height:80px;display:none;background-c
   olor:red;"></div><br>
22 <div id="div2"
   style="width:80px;height:80px;display:none;background-c
   olor:green;"></div><br>
23 <div id="div3"
   style="width:80px;height:80px;display:none;background-c
   olor:blue;"></div>
24
25 </body>
26 </html>
```

TAB   <   >   /   =   "   RUN ▶

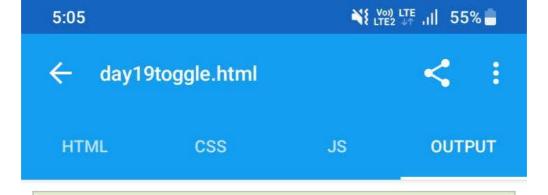Demonstrate fadeIn() with different parameters.

Click to fade in boxes

```
1  <!DOCTYPE html>
2  <html>
3  <head>
4  <script
   src="https://ajax.googleapis.com/ajax/libs/jquery/3.7.1
   /jquery.min.js"></script>
5  <script>
6  $(document).ready(function(){
7    $("#flip").click(function(){
8      $("#panel").slideToggle("slow");
9    });
10 });
11 </script>
12 <style>
13 #panel, #flip {
14    padding: 5px;
15    text-align: center;
16    background-color: #e5eecc;
17    border: solid 1px #c3c3c3;
18 }
19
20 #panel {
21    padding: 50px;
22    display: none;
23 }
24 </style>
25 </head>
26 <body>
27
28 <div id="flip">Click to slide the panel down or up</
   div>
29 <div id="panel">Hello world!</div>
30
31 </body>
32 </html>
```

Saved

Click to slide the panel down or up

Hello world!

HTML   CSS   JS   OUTPUT

Click to slide the panel down or up

```
1  <!DOCTYPE html>
2  <html>
3  <head>
4  <script
   src="https://ajax.googleapis.com/ajax/libs/jquery/3.7.1
   /jquery.min.js"></script>
5  <script>
6  $(document).ready(function(){
7    $("button").click(function(){
8      $("div").animate({
9        left: '250px',
10       opacity: '0.5',
11       height: '150px',
12       width: '150px'
13     });
14   });
15 });
16 </script>
17 </head>
18 <body>
19
20 <button>Start Animation</button>
21
22 <p>Animation</p>
23
24 <div
   style="background:#98bf21;height:100px;width:100px;posi
   tion:absolute;"></div>
25
26 </body>
27 </html>
```

TAB   <   >   /   =   "   RUN ▶

HTML   CSS   JS   **OUTPUT**

Start Animation

Animation

Code Playground

HTML   CSS   JS   **OUTPUT**

Start Animation

Animation