

# Hoda Magdy Mahmoud El-Sayed

## Track(PHP)

### (Day 1 jQuery)

## Task1

Demo: <https://screenrec.com/share/9SpNEyGeKW>

```
1 <!DOCTYPE html>
2 <html lang="en">
3 <head>
4     <meta charset="UTF-8">
5     <meta name="viewport" content="width=device-width, initial-scale=1.0">
6     <title>Document</title>
7     <script src="npm\node_modules\jquery\dist\jquery.min.js"></script>
8 </head>
9 <body>
10     <div id="imageContainer">
11         <img src="" class="fade-image" id="img-1">
12     </div>
13     <button id="pauseResumeButton">Stop</button>
14
15 <script src="i,agess.js"></script>
16
17 </body>
18 </html>
```

```
1  var images =
2  [
3      'img1.jpg',
4      'img2.jpg',
5      'img3.jpg',
6      'img4.jpg'
7  ];
8  var currentImage = 0;
9  var intervalId;
10 var isPaused ;
11
12 function showNextImage()
13 {
14     $("#img-1").css({width:"300" , height:"500"}).fadeToggle(1000, function()
15     {
16         currentImage = (currentImage + 1) % images.length;
17         $("#img-1").attr('src', images[currentImage]);
18         $("#img-1").fadeToggle(1000);
19     });
20 }
21
22 // Trigger the showNextImage function when the page loads
23 $(document).ready(function()
24 {
25     showNextImage();
26     intervalId = setInterval(function()
27     {
28         if (!isPaused)
29         {
30             showNextImage();
31         }
32     }, 2000);
33 });
34
35 $("#pauseResumeButton").on("click", function()
36 {
37     isPaused = !isPaused;
38     if (isPaused)
39     {
40         clearInterval(intervalId); // Pause the automatic cycling
41         $("#pauseResumeButton");
42     } else {
43
44         // Resume the automatic cycling
45         intervalId = setInterval(function()
46         {
47             showNextImage();
48             }, 2000);
49         $("#pauseResumeButton");
50     }
51 });
```

## Task 2

Demo: <https://screenrec.com/share/WF1JTq07VX>

```
1  <!DOCTYPE html>
2  <html lang="en">
3  <head>
4    <meta charset="UTF-8">
5    <meta name="viewport" content="width=device-width, initial-scale=1.0">
6    <title>Document</title>
7    <script src="npm/node_modules/jquery/dist/jquery.min.js"></script>
8    <style>
9      #image-container {
10        display: inline-flex;
11        flex-direction: row;
12        justify-content: space-between;
13        align-items: center;
14        align-items: flex-start;
15      }
16
17      #image-container img {
18        /* width: 90%; Adjust the width of each image */
19        margin-right: 20px; /* Adjust the margin to control the space between images */
20        height: 500px;
21        cursor: pointer; /* Add a pointer cursor to indicate the images are clickable */
22      }
23
24      #image-container p {
25        width: 281px;
26        margin-right: 15px;
27        text-align: center;
28        font-size: 14px;
29        margin-top: 7px;
30        margin-left: 5px;
31        background-color: bisque;
32        display: none;
33      }
34    </style>
35  </head>
36  <body>
37    <div id="image-container">
38
39      <div>
40        
41        <p class="p1">Lorem ipsum dolor sit amet, consectetur adipiscing elit. Praesent quam elit, finibus rutrum
42        urna eu, varius rutrum ex. Maecenas sem erat, elementum ut porta et, volutpat vel odio. Pr
43        oin id dui enim. Pellentesque in nibh nulla. Nulla varius ex a dapibus feugiat. Etiam ullam
44        corper, neque sed scelerisque consequat, felis eros lacinia ligula, egestas sodales null lac
45        us ut lorem. Aliquam blandit fringilla ante at ultrices. Integer in convallis justo. </p>
46      </div>
47
48      <div>
49        
50        <p class="p2">Lorem ipsum dolor sit amet, consectetur adipiscing elit. Praesent quam elit, finibus rutrum
51        urna eu, varius rutrum ex. Maecenas sem erat, elementum ut porta et, volutpat vel odio. Pr
52        oin id dui enim. Pellentesque in nibh nulla. Nulla varius ex a dapibus feugiat. Etiam ullam
53        corper, neque sed scelerisque consequat, felis eros lacinia ligula, egestas sodales null lac
54        us ut lorem. Aliquam blandit fringilla ante at ultrices. Integer in convallis justo. </p>
55      </div>
56
57      <div>
58        
59        <p class="p3">Lorem ipsum dolor sit amet, consectetur adipiscing elit. Praesent quam elit, finibus rutrum
60        urna eu, varius rutrum ex. Maecenas sem erat, elementum ut porta et, volutpat vel odio. Pr
61        oin id dui enim. Pellentesque in nibh nulla. Nulla varius ex a dapibus feugiat. Etiam ullam
62        corper, neque sed scelerisque consequat, felis eros lacinia ligula, egestas sodales null lac
63        us ut lorem. Aliquam blandit fringilla ante at ultrices. Integer in convallis justo. </p>
64      </div>
65
66      <div>
67        
68        <p class="p4">Lorem ipsum dolor sit amet, consectetur adipiscing elit. Praesent quam elit, finibus rutrum
69        urna eu, varius rutrum ex. Maecenas sem erat, elementum ut porta et, volutpat vel odio. Pr
70        oin id dui enim. Pellentesque in nibh nulla. Nulla varius ex a dapibus feugiat. Etiam ullam
71        corper, neque sed scelerisque consequat, felis eros lacinia ligula, egestas sodales null lac
72        us ut lorem. Aliquam blandit fringilla ante at ultrices. Integer in convallis justo. </p>
73      </div>
74    </div>
75
76    <script>
77
78      $(document).ready(function(){
79        $('[class^="img"]').on("click", function(){
80          var index = $(this).attr('class').replace('img', '');
81          $(".p" + index).slideToggle(2000);
82        });
83      });
84    </script>
85  </body>
86  </html>
```

## Task web worker

Demo: <https://screenrec.com/share/YAwimljufa>

```
1  <!DOCTYPE html>
2  <html lang="en">
3  <head>
4      <meta charset="UTF-8">
5      <meta name="viewport" content="width=device-width, initial-scale=1.0">
6      <title>Document</title>
7  </head>
8  <body>
9      <button id="sum">calc sum</button>
10     <button id="bg">bg</button>
11
12     <script>
13         let worker = new Worker("worker.js")
14         let sum = document.getElementById("sum");
15         let bg = document.getElementById("bg");
16         sum.onclick = function(){
17             worker.postMessage(" ")
18         }
19
20         worker.onmessage = function(message){
21             console.log(message);
22             alert(message.data);
23         }
24
25         bg.onclick = function(){
26             if(document.body.style.background !== 'pink'){
27                 document.body.style.background = "pink";
28             } else {
29                 document.body.style.background = "aqua";
30             }
31         }
32     </script>
33 </body>
34 </html>
```



```
1  self.onmessage = function(){
2      let s = 0;
3      for(let i=0;i<1000000000;i++){
4          s+= i;
5      }
6
7      self.postMessage(s)
8  }
```