

Lab 2 jQuery Assignment

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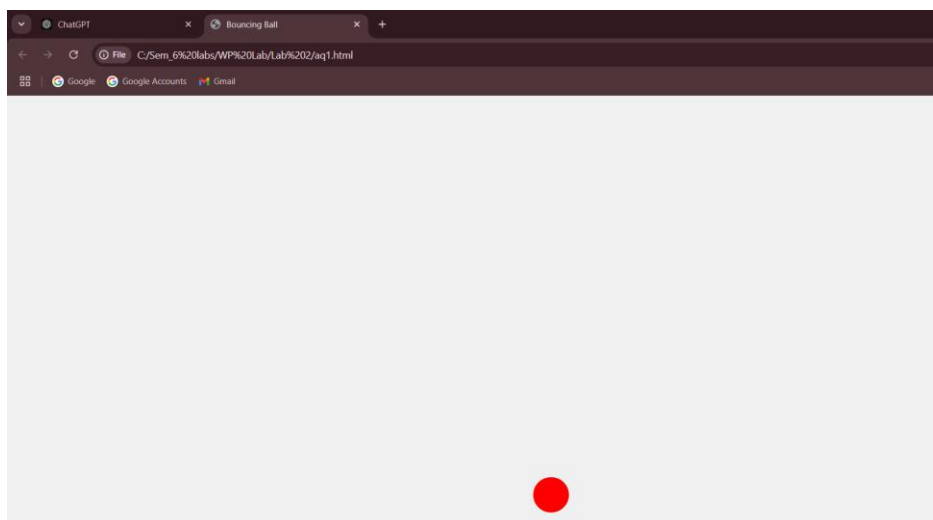
Section: CSE D D2

Roll No: 39

Q1. Implement the bouncing ball using animate() function.

```
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <title>Bouncing Ball</title>
  <script type = "text/javascript" src="jquery-3.7.1.min.js"></script>
  <style>
    body {
      margin: 0;
      padding: 0;
      height: 100vh;
      overflow: hidden;
      background-color: #f0f0f0;
    }
    .ball {
      width: 50px;
      height: 50px;
      background-color: red;
      border-radius: 50%;
      position: absolute;
      top: 0;
      left: 50%;
      transform: translateX(-50%);
```

```
    }  
  </style>  
</head>  
<body>  
  <div class="ball"></div>  
  <script>  
    $(document).ready(function() {  
      function bounce() {  
        $('ball').animate(  
          { top: $(window).height() - 50 },  
          1000,  
          function() {  
            $('ball').animate({ top: 0 }, 1000, bounce);  
          }  
        );  
      }  
      bounce();  
    });  
  </script>  
</body>  
</html>
```



Q2. Write a web page which displays image and show the sliding text on the image.

```
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <title>Sliding Text on Image</title>
  <script type="text/javascript" src="jquery-3.7.1.min.js"></script>
  <style>
    body {
      margin: 0;
      padding: 0;
      font-family: Arial, sans-serif;
    }
    .container {
      position: relative;
      width: 100%;
      max-width: 600px;
      margin: 50px auto;
    }
    .image {
      width: 100%;
      display: block;
    }
    .sliding-text {
      position: absolute;
      bottom: 0;
      left: 0;
      width: 100%;
      background: rgba(0, 0, 0, 0.5);
```

```
        color: white;

        text-align: center;

        padding: 10px;

        box-sizing: border-box;

        transform: translateY(100%);
    }
</style>
</head>
<body>
    <div class="container">
        

        <div class="sliding-text">This is sliding text</div>
    </div>

    <script>
        $(document).ready(function () {
            $('.sliding-text').css({ transform: 'translateY(100%)' }); // Ensure starting position
            $({ y: 100 }).animate(
                { y: 0 },
                {
                    duration: 1000,
                    step: function (now) {
                        $('.sliding-text').css('transform', `translateY(${now}%)`);
                    }
                }
            );
        });
    </script>
</body>
</html>
```

