JQuery Basic, Effects & Advanced

- **What is jQuery?**

- jQuery is a popular open-source JavaScript library that simplifies HTML document manipulation, event handling, animation, and AJAX interactions for web developers.

- **How to Apply CSS Using JQuery, How to Add Class and Remove Class in Jquery ,
JQuery Animation?**

- *For CSS :-*

There are several ways to apply CSS using jQuery.

Using the .css( ) method,

$("p").css("color", "red");

Using the addClass( ) method,

$("p").addClass("highlight");

Using the removeClass( ) method,

$("p").removeClass("highlight");

Using the toggleClass( ) method,
$("p").toggleClass("highlight");

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- _For Class :-_

 For add class '.addClass( )'
 For remove class '.removeClass( )'

- _Animation :-_

For add animation '.animate( )'
For stop animation '.stop( )'

- **How to create slider with animation?**

<!DOCTYPE html>

<html lang="en">

<head>

  <meta charset="utf-8" />

  <title>Swiper demo</title>

  <meta name="viewport" content="width=device-width, initial-scale=1, minimum-scale=1, maximum-scale=1" />

  <!-- Link Swiper's CSS -->

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```html
<link rel="stylesheet" href="https://cdn.jsdelivr.net/npm/swiper@9/swiper-bundle.min.css" />
```

```html
<!-- Demo styles -->
<style>
  html,
  body {
    position: relative;
    height: 100%;
  }

  body {
    background: #eee;
    font-family: Helvetica Neue, Helvetica, Arial, sans-serif;
    font-size: 14px;
    color: #000;
    margin: 0;
```

```css
  padding: 0;

}


.swiper {

  width: 100%;

  height: 100%;

}


.swiper-slide {

  text-align: center;

  font-size: 18px;

  background: #fff;

  display: flex;

  justify-content: center;

  align-items: center;

}
```

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```css
    .swiper-slide img {

      display: block;

      width: 100%;

      height: 100%;

      object-fit: cover;

    }

  </style>

</head>
```

```html
<body>

  <!-- Swiper -->

  <div class="swiper mySwiper">

    <div class="swiper-wrapper">

      <div class="swiper-slide"><img
src="132191_5242747_925653_image.jpg" alt="" height="100%"
width="100%"></div>
```

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```
    <div class="swiper-slide"><img src="Australian-Cattle-
Dog.jpg" alt="" height="100%" width="100%"></div>

    <div class="swiper-slide"><img src="main.jpg" alt=""
height="100%" width="100%"></div>

    <div class="swiper-slide"><img src="MYOB_Logo.png"
alt="" height="100%" width="100%"></div>

    <div class="swiper-slide"><img src="purple-flower.jpg"
alt="" height="100%" width="100%"></div>

    <div class="swiper-slide"><img src="trustly-group-ab-logo-
vector.png" alt="" height="100%" width="100%"></div>

    <div class="swiper-slide"><img src="wallpaper.jpg" alt=""
height="100%" width="100%"></div>

    <div class="swiper-slide"><img src="1546602866918.jpeg"
alt="" height="100%" width="100%"></div>

    <div class="swiper-slide"><img src="Oldendorff-Carriers-
GmbH-Co-KG.jpg" alt="" height="100%" width="100%"></div>

  </div>

  <div class="swiper-button-next"></div>

  <div class="swiper-button-prev"></div>

  <div class="swiper-pagination"></div>
```

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```html
</div>


<!-- Swiper JS -->

<script src="https://cdn.jsdelivr.net/npm/swiper@9/swiper-bundle.min.js"></script>


<!-- Initialize Swiper -->

<script>
  var swiper = new Swiper(".mySwiper", {

    spaceBetween: 30,

    centeredSlides: true,

    autoplay: {

      delay: 2500,

      disableOnInteraction: false,

    },

    pagination: {

      el: ".swiper-pagination",
```

```
      clickable: true,

    },

    navigation: {

      nextEl: ".swiper-button-next",

      prevEl: ".swiper-button-prev",

    },

  });
  </script>
</body>


</html>
```