MODULE: -1
JQuery assignment

1.What is JQuery?

jQuery is a small, light-weight and fast JavaScript library. It is cross-platform and supports different types of browsers. It is also referred as ?write less do more? because it takes a lot of common tasks that requires many lines of JavaScript code to accomplish, and binds them into methods that can be called with a single line of code whenever needed. It is also very useful to simplify a lot of the complicated things from JavaScript, like AJAX calls and DOM manipulation.

- jQuery is a small, fast and lightweight JavaScript library.

- jQuery is platform-independent.

- jQuery means "write less do more".

- jQuery simplifies AJAX call and DOM manipulation.

2.How to Apply CSS Using JQuery

```
<!DOCTYPE html>

<html lang="en">

<head>

    <meta charset="UTF-8">

    <meta http-equiv="X-UA-Compatible" content="IE=edge">

    <meta name="viewport" content="width=device-width,
initial-scale=1.0">

    <title>Document</title>
```

```html
    <script src="https://ajax.googleapis.com/ajax/libs/jquery/3.6.0/jquery.min.js">
</script>

    <script>

        $(document).ready(function()

        {

            $(".b1").click(function()

            {

                $("p").css("background-color","red")

                $("p").css("color","yellow")

            })

            $("div").click(function()

            {

            })

        })

    </script>

</head>
```

```html
<body>

    <p>Please Change My color</p>

    <button class="b1">css</button>

    <button class="b2">Animation</button>

    <div></div>

</body>

</html>
```

3., How to Add Class and Remove Class in JQuery,

```html
<!DOCTYPE html>

<html lang="en">

<head>

    <meta charset="UTF-8">

    <meta http-equiv="X-UA-Compatible" content="IE=edge">

    <meta name="viewport" content="width=device-width,
initial-scale=1.0">

    <title>Document</title>

    <script
src="https://ajax.googleapis.com/ajax/libs/jquery/3.6.1/jquery.min.js">
</script>

    <style>
```

```html
        .css

        {

            color: yellow;

            background-color: black;

        }

    </style>

</head>

<body>

    <p>

        Lorem, ipsum dolor sit amet consectetur adipisicing elit. Fuga
quidem tenetur dicta harum ea sit, fugit numquam repellat odit. Unde,
ducimus. Sapiente dolorem sunt accusamus earum soluta amet blanditiis
exercitationem?

    </p>

    <button class="b1">Add CSS</button>

    <button class="b2">Remove CSS</button>


    <script>

        $(document).ready(function()

        {
```

```
        $(".b1").click(function()

            {

                $("p").addClass("css");   })

            $(".b2").click(function()

            {

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

            })

        })

    </script>

</body>

</html>
```

4.JQuery Animation?

```
<!DOCTYPE html>

<html lang="en">

<head>

    <meta charset="UTF-8">

    <meta http-equiv="X-UA-Compatible" content="IE=edge">

    <meta name="viewport" content="width=device-width,
initial-scale=1.0">

    <title>Document</title>
```

```html
    <script
src="https://ajax.googleapis.com/ajax/libs/jquery/3.6.1/jquery.min.js">
</script>
    <style>
        div
        {
            height: 150px;
            width: 150px;
            background-color: blue;
            left: 50%;
            position: relative;
        }
    </style>
</head>
<body>
    <button>Left</button>
    <div>

    </div>
    <script>
        $(document).ready(function()
        {
            $("button").click(function()
            {
                $("div").animate({left:'50'});
            })
        })
    </script>
</body>
</html>
```

5.How to create slider with animation?

```html
<!DOCTYPE html>

<html lang="en">

<head>

    <meta charset="UTF-8">

    <meta http-equiv="X-UA-Compatible" content="IE=edge">

    <meta name="viewport" content="width=device-width,
initial-scale=1.0">

    <title>Document</title>

    <script src='https://code.jquery.com/jquery-3.6.0.min.js'></script>

    <!-- cycle.min.js -->

    <script
src="https://malsup.github.io/jquery.cycle.all.js"></script>

</head>

<body>

    <div id="slide">

        <img src="images/1.jpg" height="312px" width="450px"
class="slider">

        <img src="images/2.jpg" height="312px" width="450px"
class="slider">
```

```html
        <img src="images/3.jpg"  height="312px" width="450px"
class="slider">

    </div>


        <!-- slider apply here -->

        <script type="text/javascript">

            $(document).ready(function()

            {

                $("#slide").cycle("fade");

                $("#slide img").css("overflow-y","hidden");

            });

        </script>



</body>

</html>
```