Assignment

MODULE: 5 (JQuery Basic, Effects & Advance)

1) What is JQuery?

Ans: jQuery is a lightweight, "write less, do more", JavaScript library.

The purpose of jQuery is to make it much easier to use JavaScript on your website.

jQuery takes a lot of common tasks that require many lines of JavaScript code to accomplish, and wraps them into methods that you can call with a single line of code.

jQuery also simplifies a lot of the complicated things from JavaScript, like AJAX calls and DOM manipulation.

The jQuery library contains the following features:

- HTML/DOM manipulation
- CSS manipulation
- HTML event methods
- Effects & animations
- AJAX
- Utilities

Ans: **The following example shows how to add class attributes to different elements. Of course you can select multiple elements, when adding classes:**

```
<head>

<script>

$(document).ready(function(){

    $("button").click(function(){$("h1, p").addClass("yellow");});

});

</script>

<style>

    .yellow {color: yellow;}

</style>

    </head>

<body>

    <h1>Heading 1</h1>

    <h2>Heading 2</h2>

    <p>This is a paragraph.</p>

    <button>Add classes to elements</button>

</body>
```

The following example shows how to remove a specific class attribute from different elements:

```html
<head>
<script>
$(document).ready(function(){
  $("button").click(function(){$("h1, h2, p").removeClass("red");});
});
</script>

<style>
.red {color: red;}
</style>
</head>
<body>
    <h1 class="red">Heading 1</h1>
    <h2 class="red">Heading 2</h2>
    <p class="red">This is a paragraph. </p>
    <button>Remove class from elements</button>
</body>
```

3) How to create slider with animation?

Ans:

https://github.com/KunalPatel30/Assignment/blob/c40950cb4b645b9
97b8a5ac0fc7cad821f294d95/slider.html