Experiment No. 08

Title: Write a jQuery script to provide animations in web pages.

Objective:

1. To study use of jQuery.
2. To study how to use jQuery effects and animations.

Theory:

With jQuery, you can create custom animations. **jQuery**

Animations - The animate() Method

The jQuery animate() method is used to create custom animations.

Syntax:

$(selector).animate({params},speed,callback);

The required params parameter defines the CSS properties to be animated. The optional speed parameter specifies the duration of the effect. It can take the following values: "slow", "fast", or milliseconds. The optional callback parameter is a function to be executed after the animation completes.

Example 1:

```
$("button").click(function(){
  $("div").animate({left: '250px'});
});
```

Example 2: Manipulate Multiple Properties

```
$("button").click(function(){
$("div").animate({     left:
'250px',     opacity: '0.5',
height: '150px',     width:
'150px'
  }); });
```

Example 3: Using Pre-defined Values

```
$("button").click(function(){
$("div").animate({
height: 'toggle'
  });
});
```

Example 4: FadeIn

```
$("button").click(function(){
  $("#div1").fadeIn();
  $("#div2").fadeIn("slow");
  $("#div3").fadeIn(3000);
});
```

Example 5: FadeToggle

```
$("button").click(function(){
  $("#div1").fadeToggle();
  $("#div2").fadeToggle("slow");
  $("#div3").fadeToggle(3000);
});
```

Example 6: Slide

```
$("#flip").click(function(){
  $("#panel").slideToggle();
});
```

Procedure:

1. Create a web page with different <div> and <p> tags.
2. Link jQuery library using script tag.
3. Apply different animation effects link FadeIn, Out, SlideUp, down and animate to different content of web page.

Key Concept : jQuery, Animation effects, toggle.