MODULE: 5 (JQuery Basic, Effects & Advance)

- What is JQuery?
  = jQuery is a fast, small, and feature-rich JavaScript library. It makes things like HTML document traversal and manipulation, event handling, animation, and Ajax much simpler with an easy-to-use API that works across a multitude of browsers. With a combination of versatility and extensibility, jQuery has changed the way that millions of people write JavaScript.

- How To Apply CSS Using JQuery, How To Add Class And Remove Class In Jquery , JQuery Animation?
  = JQuery Manipulating CSS:

  addClass() - Adds one or more classes to the selected elements. removeClass() - Removes one or more classes from the selected elements. toggleClass() - Toggles between adding/removing classes from the selected elements. css() - Sets or returns the style attribute.

  JQuery Animation:

  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.

- How To Create Slider With Animation?
  Answer:
- JQuery Sliding Methods:
- jQuery has the following slide methods:
  1. SLIDEDOWN()
- Syntax: $(SELECTOR).SLIDEDOWN(SPEED,CALLBACK); 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 sliding completes.
- 2. SLIDEUP()
- Syntax: $(SELECTOR).SLIDEUP(SPEED,CALLBACK); 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 sliding completes.
- 3. SLIDETOGGLE()
- The jQuery slideToggle() method toggles between the slideDown() and slideUp() methods. If the elements have been slid down, slideToggle() will slide them up. If the elements have been slid up, slideToggle() will slide them down.
  $(SELECTOR).SLIDETOGGLE(SPEED,CALLBACK); The optional speed parameter can take the following values: "slow", "fast", milliseconds. The optional callback parameter is a function to be executed after the sliding completes.